

10th ANNUAL REPORT 2021-22



ALL INDIA INSTITUTE OF MEDICAL SCIENCES
BHUBANESWAR



Dr Mansukh Mandaviya

डॉ. मनसुख मांडविया

Hon'ble Union Minister

माननीय केंद्रीय मंत्री

Health and Family Welfare and Chemicals and Fertilizers, Govt of India

स्वास्थ्य एवं परिवार कल्याण और रसायन एवं उर्वरक मंत्री, भारत सरकार



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Hon'ble Minister of State

माननीय राज्य मंत्री

Health and Family Welfare, Govt of India

स्वास्थ्य एवं परिवार कल्याण, भारत सरकार



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DIRECTOR'S REVIEW



All India Institute of Medical Sciences, Bhubaneswar, embarked on its last year of the decadal journey with the continuing battle with the COVID-19 pandemic and an endeavour to establish its mandate of being the Centre of Excellence for medical education, training, health care and research. A decade back, AIIMS Bhubaneswar started its academic year on 21 Sep 2012, celebrated as the Annual Day, where the first 50 students joined the then-new institute.

The year 2021-2022 saw many advances in services provided to the patients, upgrading laboratories, expanding research and collaboration and human resource development activities. The hospital added state-of-the-art service components like PET-CT, ECMO, Paediatric Flexible Bronchoscopy and complex surgeries for patients of Odisha and neighbouring states who would otherwise have to travel outside the state or pay heavy amounts to get the investigation done in private set-ups. It also added DEXA Scanner, Mobile

CT, and a motorized microscope, among others. These services add to the aim of reaching the last man in the queue with quality care. To maintain the quality of services and patient safety, Dr T S Ravikumar, Director & Vice Chancellor of SVIMS, Tirupathi, was invited to deliver a guest lecture on the same topic at the event of Patient Safety Day. Health check-up of the housekeeping staff was done. AIIMS Bhubaneswar hospital also opened a Fire Station within the campus for safety from fire hazards, with the help of the State Govt of Odisha. Fire safety training was conducted for the staff and students. For systematic data management of patients, a new and updated Medical Records Department was inaugurated. A state-of-the-art CSSD (central sterilization supply department) was installed in the hospital.

The hospital caters to all segments of society and is implementing the Govt of India services for the poor. It provides health care through Ayushman Bharat initiative and also functions as the EIC for Rashtriya Bal Swasthya Karyakram (RBSK).

To strengthen the human resource capital, AIIMS Bhubaneswar conducted recruitment drives for faculty, residents, and nursing/paramedical personnel. It now has a faculty strength of 225 and 247 senior residents. The departments have performed many surgeries for the first time in Odisha, like radioligand treatment of metastatic cancers, and colonic transposition of the oesophagus. The Medical education unit (MEU) has organized numerous faculty development programmes on different topics, including Research Methodology and Biostatistics. Postgraduate students and senior residents benefited from capacity-building programmes such as workshops on thesis writing and teaching-learning methodology. Nursing personnel recruitment was done through NORCET to maintain the standard of staff.

Regarding education and training, AIIMS Bhubaneswar has 546 MBBS students, 209 BSc Nursing, 20 MSc nursing, 89 Paramedical BSc students, 261 junior residents and 247 senior residents. The new batch of students undergoes foundation courses ranging from time and stress management to leadership and communication skills training. The postgraduate students have extra classes in research methodology, biostatistics and writing a thesis protocol. Several postgraduate students have earned accolades for the institution by winning awards and prizes in quiz, poster and oral paper presentations at regional and national conferences. AIIMS Bhubaneswar has also taken the lead in capacity building by initiating and continuing many high-quality training courses and workshops. These trainings /workshops are not limited to the institution but are also provided to national and international participants. MEU conducted a workshop for AMEE 2021 conference on "Open book examination".

Research is one of the essential mandates of AIIMS Bhubaneswar, and it is actively promoted. The faculty have numerous projects, including intramural. There are 100 extramural research projects with more than 30 crore budget. AIIMS Bhubaneswar has signed MOUs with JHPIEGO and the Indian Institute of Sciences (IIS), Bangalore, to promote collaborative research and promote physician-scientists. The Department of Microbiology identified a new fungus *Cunninghamella Arunaloakei* causing mucormycosis/ black fungus among immunocompetent individuals. The Dept of Pathology and Laboratory Medicine was nominated by ICMR as the Satellite Brain Bio-Bank, in collaboration with NIMHANS, Bangalore, for neuroscience research. The same department and the Department of Pediatric Surgery have also acquired BIRAC funding for the study of Hirschprung disease under the Biotechnology Ignition Grant (BIG-17). MEU received an educational project with a total fund of INR 7.91 crores along with Amrita Institute of Medical Sciences and CDAC, Trivandrum, Kerala. ICMR also nominated AIIMS Bhubaneswar as the Advanced Centre for Clinical Trials for the Eastern Region.

The Annual Day of the institute on 21 Sep 2021 was celebrated as "Research Day". Many residents and faculty presented their papers on the day. They were awarded prizes during the Annual Day function. The Foundation Day of the institute was celebrated on 15 Jul 2021 with the inauguration of ECMO and paediatric Flexible Bronchoscopy by Dr Renu Swarup, Secretary, Department of Biotechnology, Ministry of Science & Technology, Govt of India.

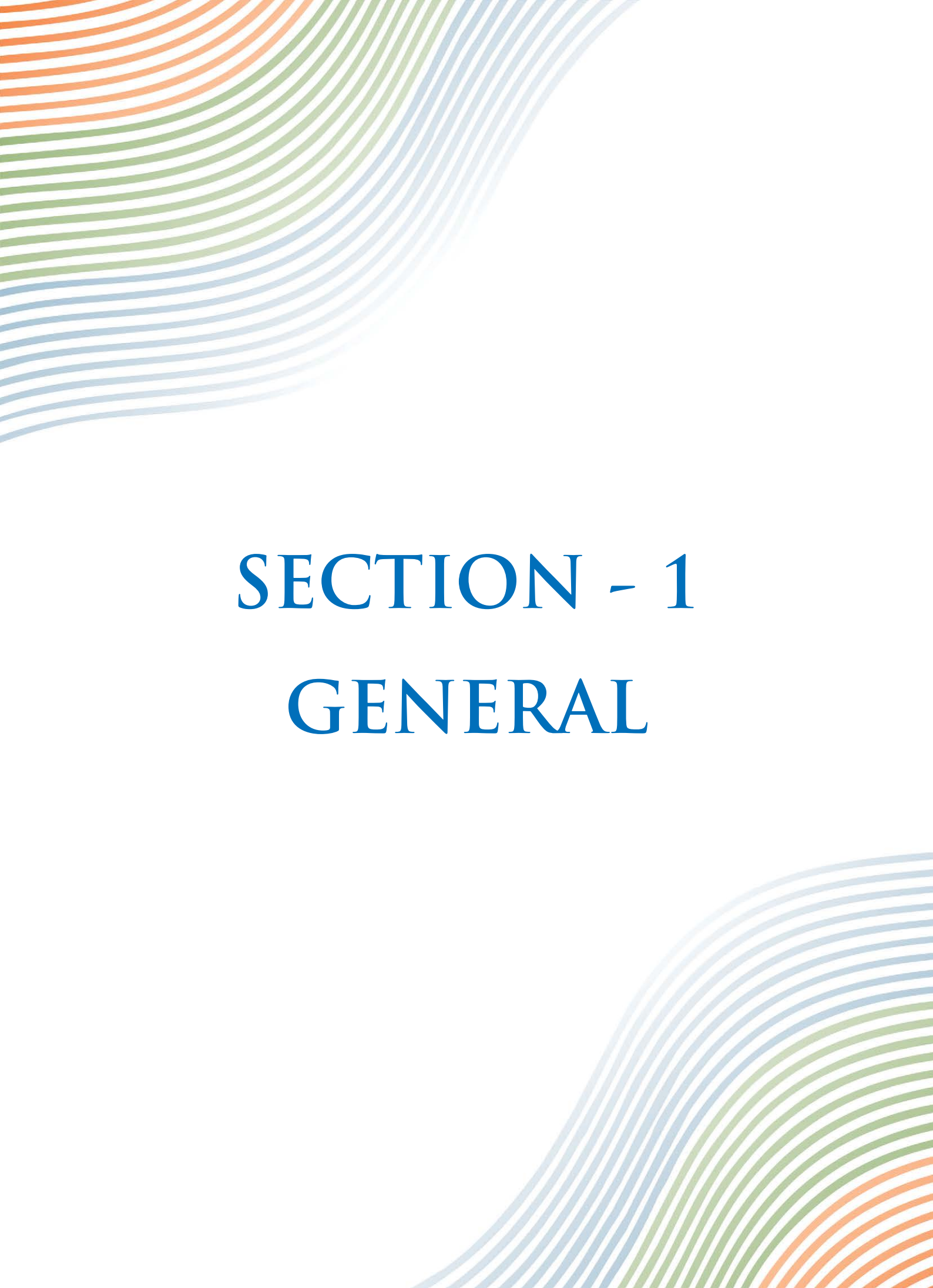
The National Service Scheme (NSS) opened the NSS bureau in AIIMS Bhubaneswar on Sep 2021. Three hundred students have already enrolled in it. The faculty are guiding the students, and they have been active on several fronts. They have held health camps, cleanliness drives, distributed medicines, conducted blood donation camps and various other activities.

COVID-19 continued through the year, and AIIMS Bhubaneswar acted effectively on all fronts, from prevention to tertiary care of the affected patients. A separate OPD has functioned since the pandemic's beginning and has screened almost 60 thousand cases. More than a lakh samples were tested for COVID-19 by PCR test. Teleconsultation was given to the patients during COVID-19 via telemedicine phone numbers, Facebook messenger and the AIIMS Bhubaneswar Swasthya App. There were around 3000 admissions. AIIMS Bhubaneswar was one of the COVID-19 vaccination centres and vaccinated almost 90 thousand beneficiaries.

Other activities during 2021-2022 were the inauguration of a multi-storied hostel for undergraduate students and a Snake Helpline. The latter is in the form of an App and website-based information initiated by the Dept of Forensic Medicine and Toxicology. The central library changed to an e-library housing the computer-assisted learning centre with simulation technology.

AIIMS Bhubaneswar achieved many laurels during 2021-2022. It won the Pollution Control Excellence Award under the category of health care unit from the State Govt of Odisha. AIIMS Bhubaneswar CSSD has bagged 02nd spot in CAHO-ACE program for the year 2021 under the Government Health Care Organization Category. It was ranked 25th by India today among Best Medical Colleges in India. It was 3rd in the New Entrant category and 4th among Government Colleges with the lowest fees. It ranked 31st in the NIRF ranking by the Ministry of Education.

There are several accomplishments of the institute, both big and small, all aiming to provide services to the last man in the queue and bridge the gap in regional disparity in health care. Every department and section has contributed to the growth of the institute and its various achievements. Despite the change of Director and Deputy Director during the year, the institute continued progressing and has passed many milestones.

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SECTION - 1

GENERAL

THE INSTITUTE & ITS COMMITTEES

MEMBERS OF INSTITUTE BODY, AIIMS, BHUBANESWAR

(Government of India vide Notification dated 18th May 2020 has re-constituted IB of AIIMS, Bhubaneswar)

Sl. No.	Name & Designation	Post
01	Dr Subrat Kumar Acharya, Executive Director, Fortis Hospital	President
02	Smt. Aparajita Sarangi, Hon'ble Member of Parliament, Lok Sabha	Member
03	Shri Anubhav Mohanty, Hon'ble Member of Parliament, Lok Sabha	Member
04	Dr Amar Patnaik, Hon'ble Member of Parliament, Rajya Sabha	Member
05	Secretary, Ministry of Health & Family Welfare, Government of India Or his/her nominee	Member
06	Chief Secretary, Government of Odisha Or his/her nominee	Member
07	Director General of Health Services, Ministry of Health and Family Welfare, Government of India	Member
08	Additional Secretary & Financial Adviser, Ministry of Health and Family Welfare, Government of India – Representative of Ministry of Finance	Member
09	Director, Indian Institute of Technology, Bhubaneswar Representative of Ministry of Education, Govt. of India	Member
10	Prof. Kishor Kumar Basa, Vice Chancellor, Maharaja Sriram Chandra Bhanja Deo University, Sriram Chandra Vihar, Takatpur, Baripada, Odisha - 757003	Member w.e.f. 17.08.2021
11	Prof. K. S. Rangappa, Former General President, Indian Science Congress Association	Member
12	Dr Yogesh Chawla, Professor & Ex-Director, PGIMER, Chandigarh	Member
13	Dr Nitish Naik, Professor & HOD, Department of Cardiology, AIIMS, New Delhi	Member
14	Dr Vivek Lal, Professor & HOD, Department of Neurology, PGIMER, Chandigarh	Member
15	Dr Shailesh Kumar, Professor, Department of Surgery, Dr Ram Manohar Lohia Hospital, New Delhi	Member
16	Dr K. K. Sharma, Professor, Department of Microbiology, Sri Venkateswara Institute of Medical Sciences (SVIMS), Tirupati, Andhra Pradesh	Member
17	Director, AIIMS, Bhubaneswar	Member-Secretary

MEMBERS OF GOVERNING BODY, AIIMS, BHUBANESWAR

(As constituted by the IB in its 6th meeting held on 25th Sep 2020)

Sl. No.	Name & Designation	Posts
01.	Dr Subrat Kumar Acharya, Executive Director, Fortis Hospital	Chairman
02.	Dr Amar Patnaik, Hon'ble Member of Parliament, Rajya Sabha	Member
03.	Director General of Health Services, Ministry of Health and Family Welfare, Government of India	Member
04.	Secretary, Ministry of Health & Family Welfare, Government of India or his/her nominee	Member
05.	Chief Secretary, Government of Odisha or his/her nominee	Member
06.	Additional Secretary & Financial Adviser, Ministry of Health and Family Welfare, Government of India – Representative of Ministry of Finance	Member
07.	Dr Yogesh Chawla, Professor & Ex-Director, PGIMER, Chandigarh	Member
08.	Dr Shailesh Kumar, Professor, Department of Surgery, Dr Ram Manohar Lohia Hospital, New Delhi	Member
09.	Prof. K. S. Rangappa, Former General President, Indian Science Congress Association	Member
10.	Director, Indian Institute of Technology, Bhubaneswar Representative of Ministry of Education, Govt. of India	Member
11.	Director, AIIMS, Bhubaneswar	Member-Secretary

MEMBERS OF STANDING SELECTION COMMITTEE, AIIMS, BHUBANESWAR

(As constituted by the IB in its 6th meeting held on 25th Sep 2020)

Sl. No.	Name & Designation	Post
01.	Dr Yogesh Chawla, Professor & Ex-Director, PGIMER, Chandigarh	Chairman
02.	Dr Vivek Lal, Professor & HOD, Department of Neurology, PGIMER, Chandigarh	Vice-Chairman
03.	Director General of Health Services, Ministry of Health and Family Welfare, Government of India	Member
04.	Prof. Kishor Kumar Basa, Vice Chancellor, Maharaja Sriram Chandra Bhanja Deo University, Sriram Chandra Vihar, Takatpur, Baripada, Odisha - 757003	Member w.e.f. 17.08.2021
05.	Dr Nitish Naik, Professor & HOD, Department of Cardiology, AIIMS, New Delhi	Member

06.	Director, Indian Institute of Technology, Bhubaneswar Representative of Ministry of Education, Govt. of India	Member
07.	Director, AIIMS, Bhubaneswar	Member- Secretary
08.	Subject Expert - 1	
09.	Subject Expert - 2	

MEMBERS OF STANDING FINANCE COMMITTEE, AIIMS, BHUBANESWAR

(As constituted by the IB in its 6th meeting held on 25th Sep 2020)

Sl. No.	Name & Designation	Posts
01.	Secretary, Ministry of Health & Family Welfare, Govt. of India or his/her nominee	Chairman
02.	Additional Secretary & Financial Adviser, Ministry of Health and Family Welfare, Government of India Representative of Ministry of Finance	Vice-Chairman
03.	Smt. Aparajita Sarangi, Hon'ble Member of Parliament, Lok Sabha	Member
04.	Director General of Health Services, Ministry of Health and Family Welfare, Government of India	Member
05.	Chief Secretary, Government of Odisha or his/her nominee	Member
06.	Dr Shailesh Kumar, Professor, Department of Surgery, Dr Ram Manohar Lohia Hospital, New Delhi	Member
07.	Dr K. K. Sharma, Professor, Department of Microbiology, Sri Venkateswara Institute of Medical Sciences (SVIMS), Tirupati, Andhra Pradesh	Member
08.	Director, AIIMS, Bhubaneswar	Member-Secretary

MEMBERS OF ACADEMIC COMMITTEE, AIIMS, BHUBANESWAR

(As constituted by the IB in its 6th meeting held on 25th Sep 2020)

Sl. No.	Name & Designation	Posts
01.	Dr Yogesh Chawla, Professor & Ex-Director, PGIMER, Chandigarh	Chairman
02.	Dr Nitish Naik, Professor & HOD, Department of Cardiology, AIIMS, New Delhi	Vice-Chairman
03.	Director General of Health Services, Ministry of Health and Family Welfare, Government of India	Member
04.	Dr Shailesh Kumar, Professor, Department of Surgery, Dr Ram Manohar Lohia Hospital, New Delhi	Member

05.	Shri Anubhav Mohanty, Hon'ble Member of Parliament, Lok Sabha	Member
06.	Dr K. K. Sharma, Professor, Department of Microbiology, Sri Venkateswara Institute of Medical Sciences (SVIMS), Tirupati, Andhra Pradesh	Member
07.	Director, Indian Institute of Technology, Bhubaneswar Representative of Ministry of Education, Govt. of India	Member
08.	Dr Vivek Lal, Professor & HOD, Department of Neurology, PGIMER, Chandigarh	Member
09.	Director, AIIMS, Bhubaneswar	Member-Secretary

MEMBERS OF ESTATE COMMITTEE, AIIMS, BHUBANESWAR

(As constituted by the IB in its 6th meeting held on 25th Sep 2020)

Sl. No.	Name & Designation	Posts
01.	Director, Indian Institute of Technology, Bhubaneswar Representative of Ministry of Education, Govt. of India	Chairman
02.	Prof. Kishor Kumar Basa, Vice Chancellor, Maharaja Sriram Chandra Bhanja Deo University, Sriram Chandra Vihar, Takatpur, Baripada, Odisha - 757003	Vice-chairman w.e.f. 17.08.2021
03.	Shri Anubhav Mohanty, Hon'ble Member of Parliament, Lok Sabha	Member
04.	Director General of Health Services, Ministry of Health and Family Welfare, Government of India	Member
05.	Prof. K. S. Rangappa, Former General President, Indian Science Congress Association	Member
06.	Dr Shailesh Kumar, Professor, Department of Surgery, Dr Ram Manohar Lohia Hospital, New Delhi	Member
07.	Director, AIIMS, Bhubaneswar	Member-Secretary

MEMBERS OF HR SUB-COMMITTEE OF THE GB, AIIMS, BHUBANESWAR

(As constituted by the IB in its 6th meeting held on 25th Sep 2020)

(HR Sub-Committee of the GB to approve the recommendation of Selection Committee for appointment to Faculty posts and Non-faculty (Group- A) Posts)

Sl. No.	Name & Designation	Posts
01.	Prof. K. S. Rangappa, Former General President, Indian Science Congress Association	Member
02.	Dr Shailesh Kumar, Professor, Department of Surgery, Dr Ram Manohar Lohia Hospital, New Delhi	Member
03.	Chief Secretary, Government of Odisha or nominee.	Member
04.	Director, AIIMS, Bhubaneswar	Member-Secretary

GENERAL ADMINISTRATION

The General Administration Division of the Institute renders administrative support services to meet the objectives of the Institute. It broadly includes all Establishment Matters of Faculty and Non-Faculty, Stores & Procurement, Recruitment of the Faculty & Non-faculty posts, Reservation in Services, Contract Management, RTI Complaints, Grievances Handling, Management of Legal Cases, Administrative Inter-departmental Co-ordination, conducting IB, GB & SFC, AC & SSC meetings and all other administrative matters as assigned by the Director.

The General Administration headed by Deputy Director (Administration) is assisted by Senior Administrative Officer, Administrative Officer, Assistant Administrative Officer, Junior Administrative Officer, and other Staff.

The General Administration has carried out the following important activities during the year besides all other regular & routine administrative activities:

Recruitment

The total sanctioned strength of AIIMS, Bhubaneswar is 4189 which includes all faculty & non-faculty post for Medical College, Hospital, College of Nursing & other wings of the Institute. From the inception of the Institute, Recruitment Section is dedicatedly working towards the filling up the various vacant positions. Every year vacant faculty & non-faculty post is being advertised to meet the manpower requirement of the Institute. The present man-in-position (MIP) of the Institute is shown in the under mentioned table –

Sl. No.	Category	Sanctioned Strength	Regular	Deputation	Contractual	Tenure (SR)	Out-sourced	Total staffs in position
1.	Project Cell Officer	8	-	6	-	-	-	6
2.	Faculty	305	225	-	-	-	-	225
3.	Group A	1022	156	9	294	217	-	676
4.	Group B	2228	996	8	15	-	245	1264
5.	Group C	626	-	-	-	-	443	443
	TOTAL	4189	1377	23	309	217	688	2614

Achievement:

- During the period of 2021-22, the Institute has achieved significant mile-stone in respect of recruitment of the faculty post. The number of faculty has increased to 225 (73% of the sanctioned strength of 305) which is one of the highest among other AIIMS. In respect of number of Assistant Professor, Associate Professor & Additional Professor noticeable improvement have also been attained. Due to poor response from candidates, a large number of Professor post remain vacant, however, necessary step is being taken by the appropriate authority in order to attract experienced manpower for the post of Professor.
- To improve the MIP of non-faculty post, during the year 2021-22, the Institute has undertaken many initiatives including issuing advertisement on regular basis, deputation/foreign service basis, contractual basis etc. To harness the expertise of experienced manpower in Administration, Engineering, Finance & Accounts, Stores & Other Hospital Services, the Institute has engaged a number of Officer on deputation basis in last one year. To improve the manpower in Nursing Cadre, this Institute is regularly participating NORCET (Nursing Officer Recruitment Common Entrance Test), a common entrance test designed by AIIMS, New Delhi. Through this newly designed common entrance test (NORCET), this Institute has able to appoint a large number of Nursing Officers. Presently, 853 Nursing Officers (64% of the sanctioned strength) are working in the Institute.
- It is hope that in the upcoming years, the Recruitment Rule of Non-Faculty post of the Institute will be finalized and based on the new rule, it will be our endeavor to fill up all vacant posts with least possible delay.

Response to RTI Queries and Grievance redressal mechanism

A robust mechanism is in place for the immediate address of all RTI queries, including RTI Appeals and Grievances Petitions. However, against the receipt of 949 RTI queries on various matters and 76 appeal cases under the RTI Act during the

year from the General Public, all the cases have duly complied well within the stipulated time limit. Besides, 138 Grievance Petitions have been received from various stakeholders during the year and have also been duly addressed without any pendency.

Stores & Procurement

The Stores & Procurement Section of the General Administration has played a key role to carry out the stores & purchase activities of the Institute. The Stores & Purchase Section deals with procurement, receipt and distribution of various types of items like equipment, instruments, drugs, disposables, consumables, kits, chemicals, reagents & manpower etc. The Section deals with the complete procurement of various types of following items: -

- a. Medical Equipment.
- b. Medical Instruments.
- c. Drugs & Disposables.
- d. Consumables.
- e. IT related equipment and items.
- f. Office Stationery/equipment.
- g. Hospital/Hostel/Office Furniture.
- h. Tenders related to various Canteen/Transport/Manpower/Sanitary services etc.

The Section has played a pivotal role for finalizing procurement proposal for the important patient care services at this Hospital. A lot of important lifesaving and high value equipment like **PET CT-Scan, Dexa Scanner, Hela Equipment, ESWL, Mobile CT Scan, Motorized Microscope, lead free apron, Regional Simulation Lab, Flexible Cystoscopy & Uretro Video scope with 3D Video imaging system, Ventilators, Dialysis Machines, Incubators, Instruments have been finalized Successfully. Other important consumable items Drugs and Disposables, Kits and reagents etc.** have been timely purchased to meet the requirement in the interest of patient care.

Items related to the successful implementation of "Swachh Bharat" are being purchased to maintain cleanliness and hygienic conditions at AIIMS, Bhubaneswar.

Various purchases have been done regarding waste management as per the guidelines of GoI.

Many important works related to Burn unit, PET CT-Scan, Dexa Scanner for attendants of the patients etc is being carried out in a time bound manner.

Total procurement worth **Rs. 109.74 Crores (approx.)** (Rupees One Hundred Nine and Seventy-Four Crore only) has been materialized in the last FY. (21-22) Maximum emphasis has been given for the procurement of the items through GeM amounting to **Rs. 9.1 Crores** approx. (Rupees Nine Crore One Lakh only).

ACADEMIC SECTION

FACULTY

Name of Faculty Member & Dept	Designation
Dr Debasish Hota Prof. & Head, Deptt. of Pharmacology	Dean (Academic)
Dr Rituparna Maiti Prof., Deptt. of Pharmacology	Associate Dean
Dr Manisha Kar Addl. Prof., Deptt. of Physiology	Faculty I/C, UG
Dr Saurav Sarkar Associate Prof., Deptt. of ENT	Faculty I/C, Medical Education
Dr Vinay Kumar Hallur Associate Prof. Deptt. of Microbiology	Faculty I/C, Attendance & IA
Dr Debapriya B Addl. Prof., Deptt. of Biochemistry	Faculty I/C, PG
Dr Gaurav Chhabra Associate Prof., Deptt. of Pathology & Lab Med	Faculty I/C, Paramedical Courses
Dr Bikram Kishore Behera Addl. Prof., Deptt. of Anaesthesiology	Faculty I/C, PDF Courses
Dr Subrat Kumar Sahoo Associate Prof. Deptt. of Pediatric Surgery	Faculty I/C, Students' Welfare
Dr Madhumita Pattanaik Associate Prof. Deptt. of Anatomy	Faculty I/C, Teaching Schedule
Mrs Nadiya Krishna Lecture/Asst. Prof, College of Nursing	Faculty I/C, Nursing

The Academic Section develops policy, plans and executes academic activities. These activities encompass Undergraduate programmes for Medical, Nursing and Paramedical Courses, Postgraduate programmes and Post-Doctoral fellowship programme.

Conduct of examination and counselling process:

MBBS students were selected on merit basis through National Eligibility cum Entrance Test (NEET) conducted by The National Testing Agency (NTA) and seat allocation was conducted through a centralized system. Postgraduate (MD/ MS/ MDS) students were selected based on merit through INI-CET examination conducted by AIIMS, New Delhi. Admission to DM/MCh courses was conducted by AIIMS, New Delhi. M.Sc. Nursing, B.Sc. (Honors) Nursing, B.Sc (Honors) Paramedical students were selected on the basis of the merit through All India Entrance Examination conducted by AIIMS, New Delhi. The counselling process was centralized and a merit-based one. The intake of the students for Post-doctoral fellowship program was conducted by AIIMS, Bhubaneswar. Reservation policy was followed as per Govt. guidelines.

Present strength of M.B.B.S students

Sl No	Year	Sanctioned strength	Present strength
1.	2017	100	100
2.	2018	100	99
3.	2019	100	99
4.	2020	125	125
5.	2021	125	123
Total		550	546

MBBS started from the Year 2012 with a sanctioned strength of 50 students. Subsequently, the strength increased to 100 in the year 2013 and continued till 2019. From the year 2020 onwards, it is now increased to 125. B.Sc (Hons) Nursing, started from the Year 2014 with a sanctioned strength of 60 students and continued till 2019. From the year 2020 onwards, it is now increased to 75. B.Sc (Hons) Paramedical, started from the Year 2016, with a sanctioned strength of 30 students and continued till 2018. Subsequently, it increased to 35 in the year 2019. From the year 2020, it is now increased to 46.

B.Sc. (Hons.) Paramedical

Sl No	Year	Sanctioned strength	Present strength
1	2020	46	46
2	2021	46	43
Total		92	89

In the year 2021, forty-three candidates have joined the B.Sc. (Hons.) paramedical courses against the sanctioned post of forty-six.

B.Sc. (Hons.) Nursing

Sl No	Year	Sanctioned Strength	Present Status
1	2019	60	59
2	2020	75	76* (2 Students are from previous Class)
3	2021	75	74
Total		210	209

In the year 2021, seventy four candidates have joined the B.Sc. (Hons.) nursing against the sanctioned seats of seventy-five.

M.Sc. Nursing

Sl No	Year	Sanctioned Strength	Present Status
1	2021	25	20

In the year 2021, twenty candidates have joined the M.Sc. nursing course against the sanctioned seats of twenty-five.

The following two tables are about the sanctioned and present status of Senior Resident (SR) and Junior Resident (JR) in the institute for the period 2021-2022.

SR Academic & Non-Academic

Sl No	Sanctioned Strength	Present Status	Vacant Posts
1	377	247	130

JR Academic & Non-Academic

Sl No	Sanctioned Strength	Present Status	Vacant Posts
1	351	261	90

MD/MS/MDS (JR. Acad.) started from the Year 2016 Jul session having 9 students in 7 Departments. Subsequently, in the year 2017, it is increased to 9 Departments having 19 students. Further, in the year 2018, the number of Departments increased to 16 having 38 students and in the year 2019, the number of Departments again increased to 25 having 96 students. But due to COVID pandemic, in the year 2020, the number of Departments remained same as the previous year with 87 students. Now in the given period between 2021 and 2022, the number of JR Academic and Non Academic in total are 261 against the sanctioned 351. Ninety positions are remain vacant.

Tutor/Demonstrator

Sl No	Sanctioned Strength	Present Status	Vacant Posts
1	70	38	32

Out of the total sanctioned 70 posts for the Tutor/Demonstrators only 38 posts are being filled with a vacant position number of 32 in the period 2021-2022.

RESEARCH SECTION

Dean (Research) Dr Binod Kumar Patro

Associate Dean (Research) Dr Ramadass Balamurugan

HIGHLIGHTS

As per the institute's mandate, research forms one component of the trio, the others being teaching and patient care. The vision of the institute envisages being at the forefront of quality research activities both in basic and applied science in this region.

This Research Section facilitates research activities among students, residents, and faculty colleagues. It deals with the administration of all the extramural funded, intramural funded & non-funded research projects conducted at AIIMS, Bhubaneswar. The research section coordinates and facilitates the activities of extramural research projects funded by various national and international agencies like ICMR, DST, DBT, CSIR, Ministry of Health & Family Welfare, World Health Organizations etc.

The main focus of the research cell was the initiation of intramural research activities for faculty members as Principal Investigators. However, with the objective of capacity building to enhance research activities at AIIMS, Bhubaneswar research cell is organizing various workshops as a part of Faculty Development Programs for faculty members on multiple topics, ie. Basic Research Methodology, Biostatistics, Sample size calculation, and scientific writing.

The research cell is also working on promoting clusters for collaborative research within the institution and with other organizations around the AIIMS, Bhubaneswar. To promote collaborative and multi-disciplinary research activities research cell is also trying to establish a memorandum of understanding (MoU) with various educational and research institutes of national importance within and outside the state of Odisha.

In 2019, a new Dean (Research) post was created, and Prof. Kanishka Das was appointed as the first Dean (Research) on 03.12.2022. The subsequent Dean (Research), Prof. Binod Kumar Patro has assumed the charge on 15.01.2022 and continuing to date.

The Research Section is actively involved in the overall development of the research atmosphere in the institute. As part of this, faculty members are regularly trained on various aspects of scientific research. The following are details of the scientific deliberations of the section –

The research cell functions with co-operations between various committees involved in research-related activities.

Various committee functioning at AIIMS Bhubaneswar, Research Section are as follows:

	Institute Research Committee
	Institutional Ethics Committee
	Scientific Evaluation Committee
	Innovation Cell committee
	Stem Cell Research Committee
	Patient Safety committee
	Sub-committee on Clinical Trial
	Intellectual Property Rights (IPR) committee
	Animal Ethics committee

Institute Research Committee (IRC)

Dr Binod Kumar Patro Professor, Dept. of CM & FM	Dean (Research)	Dr Anand Srinivasan Associate Professor, Dept. of Pharmacology	Faculty In-charge
Dr Ramadass Balamurugan Additional Professor, Dept. of Biochemistry	Associate Dean (Research)	Dr C. Preetam Additional Professor, Dept. of ENT	Faculty In-charge
Dr Bhagirathi Dwibedi Additional Professor, Dept. of Pediatrics	Faculty In-charge	Mr. L. Anand Reader/Associate Professor, College of Nursing	Faculty In-charge
Dr Mukund Namdev Sable Associate Professor, Dept. of Pathology and Laboratory Medicine	Faculty In-charge		

Institute Scientific Evaluation Committee (ISEC)

Dr Dipika Mohanty (Senior Consultant, Apollo Hospital, Bhubaneswar)	Chairperson	Dr Ramadass Balamurugan Additional Professor, Dept. of Biochemistry	Member
Dr Kanishka Das Professor Dept. of Pediatric Surgery,	Co-Chairperson	Dr Prakash Kumar Sasmal Additional Professor, Dept. of General Surgery	Member
Dr Binod Kumar Patro Professor, Dept. of CM&FM	Member Secretary	Dr Menka Jha Assistant Professor, Dept. of Neurology	Member
Dr Biswa Mohan Padhy Additional Professor, Dept. of Pharmacology	Member	Dr Amit Ghosh Additional Professor, Dept. of Physiology	Member
Dr Bhagirathi Dwibedi Additional Professor, Dept. of Pediatrics	Member	Dr L Anand Reader/Associate Professor, College of Nursing	Member

Sub-Committee for Regulatory Clinical Trials (SRCT)

Dr Debasish Hota Professor & HoD, Dept. of Pharmacology	Chairperson	Dr Shakti Kumar Bal Assistant Professor, Dept. of Pulmonary Medicine	Member
Dr Anand Srinivasan Associate Professor, Dept. of Pharmacology	Member Secretary	Dr Sonali Mohapatra Associate Professor, Dept. of Medical Oncology/Hematology	Member
Dr Sujit Kumar Tripathy Additional Professor, Dept. of Orthopaedics	Member		

Institutional Committee for Stem Cell Research (IC-SCR)

Dr Dipika Mohanty Senior consultant Hematologist, Apollo Hospital, Bhubaneswar,	Chairperson	Dr Birendranath Banerjee Associate Professor, KIIT, Bhubaneswar.	Member
Dr Srinivas Patnaik Stem cell Scientist, KIIT University, Bhubaneswar.	Member	Dr Sunil K. Raghav Scientist E, Molecular Biology, Institute of Life Sciences, Bhubaneswar.	Member
Mr. Janaki Kanta Mohapatra Advocate, Odisha High Court	Member	Mr. Pramod Kumar Behera Engineering (Mechanical) NALCO, Bhubaneswar	Member
Dr Shantanu Kar Ex Director, RMRC, Bhubaneswar	Member	Dr Ghanashyam Biswas Medical Oncologist, Sparsh Hospital, Bhubaneswar.	Member
Ms. Navaneeta Rath Registrar, Utkal University, Bhubaneswar	Member	Dr Bidhu K Mohanti Director, KIIMS Cancer Centre, Bhubaneswar	Member
Dr Anasuya Roychowdhury Assistant Professor, IIT, Bhubaneswar.	Member	Dr Somnath Mukherjee Additional Professor, AIIMS, Bhubaneswar	Member Secretary
Dr Satish Devdas Scientist E, Molecular Biology, Institute of Life Sciences, Bhubaneswar	Member		

Intellectual Property Management Committee (IPMC)

Dr Kanishka Das Professor, Dept. of Pediatric Surgery,	Chairperson	Dr Rashmi Ranjan Das Additional Professor, Dept. of Pediatrics	Member
Dr Binod Kumar Patro Professor, Dept. of CM & FM	Co- Chairperson	Dr Chappity Preetam Additional Professor, Dept. of ENT	Member
Dr Prasant Kumar Nayak Additional Professor & HoD, Dept. of Urology	Member	Shri. Jaganjit Jena Junior Administrative Officer, Research Section	Member
Dr Ramadass Balamurugan Additional Professor, Dept. of Biochemistry	Member	Dr Manish Goyal Associate Professor, Dept. of Physiology	Member Secretary

Innovation Cell

Dr Baijayantimala Mishra Professor & HoD Dept. of Microbiology	President	Shri. Biswarup Pramanik Student MBBS-2016	Member
Dr Prasant Nayak Associate Professor Dept. of Urology	Member Convener	Shri. Boppana Sujwal Student MBBS-2015	Member
Dr Saroj Kumar Nayak Professor & Dean (Faculty & Planning) IIT, Bhubaneswar	Member	Shri. Abhishek Akella Student MBBS-2016	Member & Student Co- Ordinator
Dr Suvradeep Mitra Assistant Professor Dept. of Pathology & Lab Medicine	Member	Shri. Bhaji Dheeraj Babu Student MBBS-2016	Member
Branch Manager Bank of India, AIIMS Campus branch Bhubaneswar	Member	Shri. Deshik Nekkallapudi Student MBBS-2016	Member
Shri. Balaram Behera Student MBBS-2015	Member	Shri. Konda Sai Pradeep Student MBBS-2016	Member

Institutional Ethics Committee (IEC)

The Institute Ethics Committee was constituted in the year 2013. It was registered with Central Drugs Standard Control Organization (CDSCO) on 6th Feb 2014, and after that, further extended for another three years from 6th Feb 2017 to 5th Feb 2020 (ECR/534/Inst/OD/2014/RR-17). Additionally, re-registration was issued on 21st May 2020 (ECR/534/Inst/OD/2014/RR-20), and it is valid for the next five years i.e., from 06th Feb 2020 to 05th Feb 2025.

Members of IEC

Prof. Suresh Chandra Dash Emeritus Professor KIMS, Bhubaneswar.	Chairperson	Dr Subash Chandra Samal Professor & HoD Dept. of Gastroenterology AIIMS, Bhubaneswar.	Clinician
Ms. Swarna Misra Shusrusa (NGO)	Lay Person	Dr Rituparna Maiti Additional Professor Dept. of Pharmacology AIIMS, Bhubaneswar	Pharmacologist
Ms. Navaneeta Rath Professor of Sociology Utkal University	Social Scientist	Dr Srujana Mohanty Additional Professor Dept. of Microbiology AIIMS, Bhubaneswar	Basic Scientist
Mr. Santanu Kumar Sarangi Senior Advocate Odisha High Court.	Legal Person	Dr Sweta Singh Additional Professor Dept. of O & G AIIMS, Bhubaneswar	Clinician

Dr Santosh Kumar Mahallik
Associate Professor
Dept. of Paediatric Surgery
AIIMS, Bhubaneswar

Clinician

Dr Priti Das
Associate Professor,
Dept. of Pharmacology
SCB Medical College, Cuttack

Pharmacologist

Dr Balamurugan Ramadass
Additional Professor
Dept. of Biochemistry
AIIMS, Bhubaneswar

Basic Scientist

Dr Sonali Kar
Professor
Dept. of Community Medicine
KIMS Bhubaneswar

Scientific Member

Dr Trupti Swain
Professor and HOD,
Dept. of Pharmacology
SLNMCH, Koraput

Pharmacologist

Dr Arvind Kumar Singh
Associate Professor
Dept. of CM & FM,
AIIMS, Bhubaneswar.

Member
Secretary

Institutional Ethics Committee meetings

The IEC met & deliberated on the submitted research projects during the year as follows:

SL NO	DATE OF MEETING	No. of Member Attained IEC Meeting	NO OF PROPOSAL DISCUSSED								TOTAL
			Student Project		PG THESIS	PhD THESIS	Extramural	Intramural		Amendment	
			Nursing	STS				Funded	Non-Funded		
1	10.04.2021	10					5	1	11		17
2	08.05.2021	13			2		6	1	9		18
3	19.06.2021	12	1		73		13		33	12	120
4	10.07.2021	11	7		4		6	1	18	1	36
5	14.08.2021	11	11		1		16	2	17	5	47
6	11.09.2021	12	2		1		5	1	11	3	20
7	09.10.2021	10	2				5		14	1	21
8	13.11.2021	11	6		2		8	1	8	8	25
9	11.12.2021	9	1		8		6		12		27
10	15.01.2022	12	3		34		6	2	16	5	61
11	12.02.2022	11	2		7		8	20	26	3	63
12	13.03.2022	11	3	2			11	3	23	4	42
Total			38	2	132	0	95	32	198	42	497

ONGOING RESEARCH PROJECTS

During the year under review, the faculty of the AIIMS obtained extramural grants for various research projects from multiple national and international agencies. Faculty of the institutes are also involved in many intramural projects (Funded and non-funded) at AIIMS, Bhubaneswar.

EXTRAMURAL PROJECTS

Funding Agency	Number of projects
ICMR	60
DST	06
DBT	03
Others	31
Total	100

Extramural scheme	Ongoing projects		Projects initiated ion FY 2021-2022	
	Number of projects	Budget	Number of projects	Budget
Extramural funded	100	13,37,59,700	34	9,00,20,877

INTRAMURAL PROJECTS (FUNDED)

Intramural scheme	Ongoing projects		Projects initiated ion FY 2021-2022	
	Number of projects	Budget	Number of projects	Budget
Intramural funded	90	2,82,66,866	33	1,27,99,876

INTRAMURAL PROJECTS (NON-FUNDED)

Type of projects	Number
Intramural non-funded	198
PG Thesis	132
Nursing thesis	38
STS	2

Review meetings

During the year, Research Section organized review meetings for the research projects undertaken by the institute's faculty members.

Institute Scientific Evaluation Committee on 14th, 15th & 16th Sep 2021 to evaluate the new projects

Clinical trials

During the year, the institute's faculty members were involved in many clinical trials (n=9).

PH. D. Program

Department	Number
Biochemistry	04
Pathology & Lab Medicine	02
Physiology	01
Microbiology	01
Anatomy	01
AIIMS- IISc	01
AIIMS- Oxford	01
Nursing	01

CMEs/Workshops/Symposia/National and International Conferences organized

1. Organized workshop on Faculty Development Programme' Research Methodology and Basic Biostatistics' on 17th & 18th Jul 2021 for faculty members of the institute.
2. Organized workshop on Faculty Development Programme' Sample Size Calculation in Biomedical Research' on 25th Sep 2021 for faculty members of the institute.

Monthly Research Talk

The research cell is conducting a regular monthly research meeting on the third week of the month. Many eminent scientists and researcher in the field of medicine and basic research delivered their talk various aspect for research.

1st Institutional Research Day

The research cell organized 1st Institutional Research Day along with 9th Annual Day on 21st Sep 2021. To increase in awareness of research-related activities among faculty members, postgraduates, and students, and poster competition has been successfully conducted on the same occasion. 32 faculty members, 42 postgraduates, 06 nursing faculty, and 07 UG students participated in the event.

Funding Agencies:

The following major funding agencies were involved in different extramural projects.

International

- United Nations International Children's Emergency Fund (UNICEF)
- World Food Programme (WFP)
- Centers for Disease Control and Prevention (CDC)
- INCLEN Trust
- Jiv Daya Foundation
- Flinders university

National

- Indian Council of Medical Research (ICMR)
- Science and Engineering Research Board (SERB)
- Department of Science and Technology (DST)
- The National Centre for Disease Informatics and Research (NCDIR)
- National Tea Research Foundation (NTRF)
- Coconut Development Board (CDB)
- National Health Mission (NHM)
- Department of Biotechnology

State

- Government of Odisha

List of Institute Signed MoU with AIIMS, Bhubaneswar

1. Central Council for Research in Yoga & Naturopathy (CCRYN)
2. Aliyavar Jung National Institute for the Hearing Handicapped, Mumbai
3. Regional Medical Research Centre (ICMR-RMRC) Bhubaneswar
4. Johns Hopkins University
5. NTPC Limited of Burn Unit Project.

6. Indian Institute of Technology IIT Kanpur
7. Smile Train India
8. National Institute Epidemiology (NIE)
9. INCLEN Trust International, New Delhi
10. JPNA Trauma Centre, New Delhi
11. Coconut Development Board, Kochi
12. Manipal Academy of Higher Education
13. Royal society of Tropical Medicine and Hygiene London, UK
14. Indian Institute of Technology (IIT Bhubaneswar)
15. Flinders University (Australia)
16. IMMT-CSIR Bhubaneswar (Ministry of Science & Technology)
17. Institute of Life Sciences, Bhubaneswar
18. Center for Cellular & Molecular Biology (CCMB) Hyderabad
19. National Institute of Science Education and Research (NISER)
20. Homi Bhabha National Institute (HBNI)
21. National AIDS Control Organization
22. Indian Institute of Science, Bangalore (IISc)
23. Jhpiego Corporation India, New Delhi-110020
24. Kyoto University, Japan
25. Drusti Daan Eye Bank Bhubaneswar
26. John Snow India Pvt. Ltd.
27. Prantae Solutions Pvt.Ltd (OPC)

MEDICAL EDUCATION UNIT

FACULTY

Dr Saurav Sarkar Team Leader	Dr Prabhas Ranjan Tripathy Member	Dr Amit Kumar Satpathy Member
Dr Ramadass Balamurugan Member Secretary	Dr Sweta Singh Member	Dr Suravi Patra Member
Dr Rituparna Maity Member	Dr Somanath Padhi Member	Dr Arunkumar Sekar Member
Dr Jayanta Kumar Mitra Member	Dr Vinaykumar Hallur Member	Dr Subarna Mitra Member
Dr Priyadarshini Mishra Member	Dr Mukund Namdev Sable Member	Dr Priyamadhaba Behera Member
Dr Debapriya Bandopadhyay Member	Dr Upendra Hansda Member	

HIGHLIGHTS

The Medical Education Unit (MEU), AIIMS Bhubaneswar was first constituted in the year 2012 and the current team was reconstituted with young, dynamic and active members. Since then this team tirelessly works towards the training of the interns, senior residents and Faculty via targeted orientation programme. This unit is dedicated towards developing quality curriculum and constantly strive for excellence in medical education. Following activities were conducted by the Team MEU

1. Continuing Faculty Development Program on Thesis writing.
2. Workshop on Online open-book examination by a 4-member team from MEU at AMEE 2021, Glasgow, UK.
3. Multiple workshops on Online open book Examination by the 4-member team from MEU, for the self-institute and for other institutes of the country.
4. Time management workshop for Nursing faculty.
5. Faculty Development Programme for AIIMS Patna.
6. Internship Orientation Programme.
7. Workshop on Augmentation of Teaching Skill for Senior Residents
8. Organized Online workshop on creative thinking.

FACULTY DEVELOPMENT ACTIVITIES:

1. **Practical approach to Thesis Writing** held on 28 Aug 2021, 04 Sep 2021 and 11 Sep 2021. 133 Residents including faculty from AIIMS Bhubaneswar participated. Prof. Gitanjali Batmanabane, Director AIIMS Bhubaneswar conducted the programme.
2. **Faculty Development Programme** for AIIMS Patna held on 14 Aug 2021. Prof. Gitanjali Batmanabane, Director AIIMS Bhubaneswar conducted the programme.
3. **Faculty Development Programme** for AIIMS Patna held on 31 Jul 2021. Prof. Gitanjali Batmanabane, Director AIIMS Bhubaneswar conducted the programme.
4. **Faculty Development Programme** for AIIMS Patna held on 07 Jul 2021. Prof. Gitanjali Batmanabane, Director AIIMS Bhubaneswar conducted the programme.

STUDENT DEVELOPMENT ACTIVITIES:

1. **Internship Assessment (OSCE) 2021** held on 30 Dec 2021. 99 Interns (Batch 2017 - 96 & Batch 2016 - 03) from AIIMS Bhubaneswar participated. Resource person members of Medical Education Unit, AIIMS Bhubaneswar.
2. **Internship Orientation Programme** conducted on 11 Feb 2022 and 12 Feb 2022. 90 Interns (Batch 2017) from AIIMS Bhubaneswar participated. Resource person: Medical Education Unit members and guest faculty from the institute.
3. **Foundation Course** held on 01 Mar 2022 to 05 Mar 2022. 125 MBBS Students, 37 Paramedical Students participated.
4. **Foundation Course** session on "Team Work & Group Dynamics" for B.Sc. (Hons) Nursing Students Batch 2021 conducted on 03 Mar 2022. Resource person Dr Saurav Sarkar and Dr Vinay Kumar Hallur members of Medical Education Unit, AIIMS Bhubaneswar.

CONFERENCES/CME/ WORKSHOP ORGANISED & LECTURE DELIVERED/ PAPER PRESENTED:

1. **Workshop on online open Book Examination** held on 19 Jun 2021. 28 faculty from AIIMS Bhubaneswar participated. Resource person Dr Saurav Sarkar, Dr Priyadarshini Mishra, Dr Vinaykumar Halur and Dr Mukund Namdev Sable members of Medical Education Unit, AIIMS Bhubaneswar
2. **Workshop on Online open Book Examination** held on 24 Jul 2021. 28 faculty from AIIMS Bhubaneswar participated. Resource persons Dr Saurav Sarkar, Dr Priyadarshini Mishra, Dr Vinaykumar Halur and Dr Mukund Namdev Sable members of Medical Education Unit, AIIMS Bhubaneswar
3. **An On-line workshop on Creative Thinking** conducted for faculty of AIIMS Bhubaneswar from 12 Aug 2021 to 14 Aug 2021. 30 Faculty from AIIMS Bhubaneswar participated. Resource person faculty JIPMER Puducherry
4. **Workshop on Online open Book Examination** held on 28 Aug 2021. 30 participants from countries all over the world participated. It was a pre-conference workshop for AMEE 2021 Glasgow (UK). Resource person Dr Saurav Sarkar, Dr Priyadarshini Mishra, Dr Vinaykumar Halur and Dr Mukund Namdev Sable members of Medical Education Unit, AIIMS Bhubaneswar
5. **Poster Presentation in AMEE 2021** by Dr Saurav Sarkar and Dr Mukund Namdev Sable on 29 Aug 2021.
6. **Workshop on online open Book Examination** held on 18 Sep 2021. 22 Nursing faculty from AIIMS Bhubaneswar participated. Resource persons Dr Saurav Sarkar, Dr Priyadarshini Mishra, Dr Vinaykumar Halur and Dr Mukund Namdev Sable members of Medical Education Unit, AIIMS Bhubaneswar
7. **4th Workshop on Augmentation of Teaching Skill for Senior Residents** of AIIMS Bhubaneswar held on 30 Sep 2021 and 01 Oct 2021. 16 Senior Residents participated. Resource persons members of Medical Education Unit, AIIMS Bhubaneswar.
8. **Workshop on Online open Book Examination** held on 23 Oct 2021. 28 faculty from Pinnamaneni Siddhartha Institute of Medical Sciences Vijayawada (AP) participated. Resource persons Dr Saurav Sarkar, Dr Priyadarshini Mishra, Dr Vinaykumar Halur and Dr Mukund Namdev Sable members of Medical Education Unit, AIIMS Bhubaneswar
9. **Workshop on Time Management** held on 07 Dec 2021. 30 Nursing faculty from AIIMS Bhubaneswar participated. Resource persons Dr Saurav Sarkar, Dr Priyadarshini Mishra, members of Medical Education Unit, AIIMS Bhubaneswar
10. **Workshop on Online open Book Examination** held on 08 Dec 2021. 33 participants from DOME KEM Mumbai & GSMC-FAIMER participated. Resource persons Dr Saurav Sarkar, Dr Priyadarshini Mishra, Dr Vinaykumar Halur and Dr Mukund Namdev Sable members of Medical Education Unit, AIIMS Bhubaneswar.

HOSPITAL SECTION

FACULTY

Medical Superintendent	Dr Sachidananda Mohanty
Joint Medical Superintendent	Dr Jawahar S. K. Pillai, Hosp. Admin.
Additional Medical Superintendent	Dr B. K. Patro, CM&FM
	Dr (Maj.) M. C. Sahoo, Addl. Prof., Hosp. Admin.
	Dr P. R. Tripathy, Addl. Prof., Anatomy
	Dr S. R. Singh, Addl. Prof., FMT
	Dr A. K. Jena, Addl. Prof, Dentistry
	Dr Sweta Singh, Addl. Prof., Obs & Gyn
Associate Medical Superintendent	Dr Arvind Singh, Assoc. Prof., CM&FM
	Dr Binod Kumar Behera, Assoc. Prof., CM&FM
	Dr Gaurav Chhabra, Assoc. Prof., Pathology
In-Charge Hospital Pharmacy	Dr Biswa Mohan Padhy, Addl. Prof., Pharmacology
Chairman OT Committee	Prof. (Dr) Sachidananda Mohanty, Med. Supdt.
Chairman Medical Board Committee	Dr M. R. Sahoo, Prof., General Surgery, Member
	Dr P. Parida, Addl. Prof., ENT, Member
	Dr S. Parija, Addl. Prof., Ophthalmology
	Dr R. R. Mohanty, Addl. Prof., General Medicine, Member
	Dr B. R. Mishra, Addl. Prof., Psychiatry, Member
	Dr Sweta Singh, Addl. Prof., Obs & Gyn, Member
	Dr M. Jain, Assoc. Prof., Orthopaedics, Member

HIGHLIGHTS OF HOSPITAL

Major Achievements of AIIMS Bhubaneswar 2021-22: -

- AIIMS Bhubaneswar won the Pollution Control Excellence Award 2021 under the category of health care unit by the State Pollution Control Board, Govt. of Odisha.




- b. AIIMS Bhubaneswar CSSD has bagged 2nd spot in CAHO-ACE program for the year 2021 under the Government Health Care Organization Category External.



- c. AIIMS Bhubaneswar secured 25th Rank as a Best Medical College by India Today 2021.
- d. AIIMS Bhubaneswar secured 31st Rank as a Best Medical College by NIRF 2021.



National Institutional Ranking Framework
Ministry of Education
Government of India





[Home Ranking](#)
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India Rankings 2021: Medical

Show 100 entries

Search:

Institute ID	Name	City	State	Score	Rank
IR-D-U-0688	All India Institute of Medical Sciences Bhubaneswar	Khordha	Odisha	51.87	31
<div> More Details   </div>					

- e. Inauguration of New High-End Equipment's: PET-CT Machine, ECMO Machine, Paediatric Bronchoscopy, DEXA Scan Machine.



- f. Inauguration of New Fire Station at the Housing Complex of AIIMS Bhubaneswar.



Page 1 of 2

**OFFICE OF THE FIRE OFFICER, (PRINCIPAL)
OFDRA, BHUBANESWAR**
Address-Baramunda, Bhubaneswar, Khorda, Odisha, Pin-751003.
Phone/Fax No.0674-2560785, Email-principal-ofdra.od@gov.in

**FORM-V
FIRE SAFETY CERTIFICATE**
(See rule-13 (3) of the Odisha Fire Prevention and Fire Safety Rules, 2017 read with Fire Prevention and Fire Safety "Amendment" Rules, 2019)

File No-380/2019-BBS.CIR
Certificate No-01/2022-FPW/OFDRA
Dated-09.03.2022

This Renewal Certificate is valid up to 08/03/2024
(Apply for renewal at least three months before expiry)

Certified that the B+6 floors Hospital Building of All India Institution Medical Science (AIIMS), Over Plot no-08(P) & others, Mouza- Sijua, Bhubaneswar, Dist- Khurda consisting of total 01 (One) building/Unit was inspected by officers of Odisha Fire Service on 07.03.2022 & 08.03.2022 in presence of the authorized person of the building and it has been found to comply with the fire prevention and safety requirements in accordance with Odisha Fire Prevention and Fire Safety Rules, 2017 read with Fire Safety "Amendment" Rules, 2019 and its various floors are fit from fire safety point of view for occupancy or usage as noted hereunder against each, subject to compliance to the conditions as prescribed herein below:-

S.L No	Name of the floor	Occupancy/Usage
01	Basement floor	Car parking, Bank, Post Office, Kitchen, Utility, OPD for Radiotherapy, Oncology OPD, Record room, Pharmacy store etc
02	Ground to 6 th floor	Hospital purpose (Categorized under Institutional Building (C-1) as per NBCI-2016)

CONDITIONS: -

1. Fire prevention and safety measures and appliances, availability of water supplies and means of access thereto etc. provided in the building or premises, should be maintained by the occupier (s) in best repairs and efficient working condition at all times for use by the occupants or the members of the Fire Service or both in the event of outbreak of fire.
2. The setbacks, driveways, entrance gates, exits, staircases, corridors and escape ways should not be changed, obstructed or modified in any way.
3. The occupier (s) shall train all staff and occupants periodically to make them well conversant in use and operation of the fire prevention and safety measures.
4. Fire Drills/rehearsals should be organized at least once in six months by involving local fire station.
5. Photocopies of this Certificate should be framed and displayed at all conspicuous places in all lobbies/corridors in all floors of all towers/blocks of building/premises.
6. The maintenance of fire safety installation in the building / premise shall be owner's / occupier's liability as per Rule-16 of OFP & FS Rules, 2017. He shall maintain the same in good repairs and working condition at all times. Any lapses in fire safety installation during fire incident if any shall end with owner's / occupier's responsibility.

09/03/2022
 (Ramesh Chandra Majhi)
 Fire Officer (Principal),
 OFDRA, Bhubaneswar
 FIRE OFFICER (PRINCIPAL)
 O.F.A.D.R.A. BHUBANESWAR.

CLINICAL SERVICES

A. Out Patient Department (OPD)

(i) Statistics of AIIMS, BBSR from Apr 2021 - Mar, 2022

Year	Month	OPD
2021	Apr	50466
2021	May	10500
2021	Jun	12889
2021	Jul	38402
2021	Aug	52561
2021	Sep	61329
2021	Oct	60099
2021	Nov	69526
2021	Dec	64355
2022	Jan	54179
2022	Feb	60634
2022	Mar	85490
TOTAL		620430

(ii) Statistics of Outreach Centres from Apr 2021 - Mar, 2022

Year	Month	Mendhasal	Tangi	Nayapalli	Balasore	TOTAL
2021	Apr	7121	8641	1273	0	17035
2021	May	3238	6502	684	0	10424
2021	Jun	4591	6621	880	0	12092
2021	Jul	5556	7868	1962	0	15386
2021	Aug	6073	7850	3075	0	16998
2021	Sep	9418	9036	3545	0	21999
2021	Oct	7238	10562	2309	0	20109
2021	Nov	6288	9283	2163	0	17734
2021	Dec	4916	8739	2473	0	16128
2022	Jan	5879	8009	2858	0	16746
2022	Feb	6466	7595	2128	0	16189
2022	Mar	4448	9111	2831	0	16390
TOTAL		21161	71232	99817	26181	197230

(iii) Statistics of AYUSH, AIIMS BBSR from Apr 2021 - Mar, 2022

Year	Month	Ayurveda	Yoga	Homeopathy	TOTAL
2021	Apr	186	0	183	369
2021	May	126	0	131	257
2021	Jun	139	4	146	289
2021	Jul	203	85	85	373
2021	Aug	250	176	176	602
2021	Sep	217	165	234	616
2021	Oct	202	141	238	581
2021	Nov	210	166	266	642
2021	Dec	257	209	295	761
2022	Jan	129	105	166	400
2022	Feb	172	108	201	481
2022	Mar	334	164	315	813
TOTAL		2425	1323	2436	6184

(iv) Telemedicine & Swasthya App Services from Apr 2021 - Mar, 2022

Year	Month	Telemedicine	'AIIMS Bhubaneswar Swasthya' App	Total
2021	Apr	3262	97	3359
2021	May	13327	1648	14975
2021	Jun	14247	1245	15492
2021	Jul	6489	573	7062
2021	Aug	3632	420	4052
2021	Sep	2202	318	2520
2021	Oct	1463	192	1655
2021	Nov	804	100	904
2021	Dec	547	53	600
2022	Jan	13122	532	13654
2022	Feb	3981	189	4170
2022	Mar	572	35	607
TOTAL		63648	5402	69050

(v) Physiotherapy & Executive Health Check-up Statistics from Apr 2021 - Mar, 2022

Year	Month	Physiotherapy	Executive Health Check-up
2021	Apr	1248	0
2021	May	544	0
2021	Jun	207	0
2021	Jul	1164	0
2021	Aug	1430	0
2021	Sep	1711	0
2021	Oct	1497	0
2021	Nov	1615	0
2021	Dec	1844	0
2022	Jan	1120	0
2022	Feb	1256	0
2022	Mar	1945	0
TOTAL		15581	0

(vi) Free Patient Treatment Statistics from Apr 2021 - Mar, 2022

Year	Month	BPL Patient	BPL Admission
2021	Apr	14971	826
2021	May	3605	273
2021	Jun	4102	371
2021	Jul	8046	664
2021	Aug	12053	950
2021	Sep	14517	1161
2021	Oct	15165	1078
2021	Nov	16774	1237
2021	Dec	18153	1009
2022	Jan	11157	704
2022	Feb	12659	993
2022	Mar	18368	1312
TOTAL		149570	10578

(vii) Day Care Chemotherapy Statistics from Apr 2021 - Mar, 2022

Year	Month	Radiotherapy	Medical Oncology	Total
2021	Apr	733	630	1363
2021	May	573	297	870
2021	Jun	642	372	1014
2021	Jul	677	490	1167
2021	Aug	718	606	1324
2021	Sep	769	978	1747
2021	Oct	814	906	1720
2021	Nov	846	748	1594
2021	Dec	922	1871	2793
2022	Jan	705	1704	2409
2022	Feb	772	1492	2264
2022	Mar	1016	2059	3075
TOTAL		9187	12153	21340

B. In patient Department (IPD): -

(i) IPD Statistics (Admission) from Apr 2021 - Mar, 2022

Year	Month	IPD
2021	Apr	2156
2021	May	1585
2021	Jun	1875
2021	Jul	2206
2021	Aug	2535
2021	Sep	2799
2021	Oct	2700
2021	Nov	2666
2021	Dec	2681
2022	Jan	2020
2022	Feb	2514
2022	Mar	2917
TOTAL		28654

(ii) Hospital Utilization Statistics from Apr 2021 - Mar, 2022

Year	Month	Bed Occupancy Rate (%)	Bed Turnover Rate (%)	Average Length of Stay (days)
2021	Apr	76.67	2.36	8.85
2021	May	48.55	1.53	9.79
2021	Jun	54.73	1.60	10.02
2021	Jul	69.22	2.02	10.58
2021	Aug	73.08	2.19	10.16
2021	Sep	84.80	2.60	9.77
2021	Oct	81.90	2.50	10.12
2021	Nov	83.50	2.42	10.36
2021	Dec	82.30	2.32	11.01
2022	Jan	59.80	2.26	8.40
2022	Feb	71.60	1.95	10.27
2022	Mar	84.40	2.64	9.90

(iii) OT Statistics from Apr 2021 - Mar, 2022

Year	Month	Major Surgery	Minor Surgery	Total
2021	Apr	737	881	1618
2021	May	307	147	454
2021	Jun	410	174	584
2021	Jul	576	509	1085
2021	Aug	787	821	1608
2021	Sep	960	1118	2078
2021	Oct	908	1013	1921
2021	Nov	948	1109	2057
2021	Dec	1085	965	2050
2022	Jan	702	655	1357
2022	Feb	817	790	1607
2022	Mar	1049	1156	2205
TOTAL		9286	9338	18624

(iv) Births from Apr 2021 - Mar, 2022

Year	Month	NVD	LSCS	TOTAL
2021	Apr	32	117	149
2021	May	20	75	95
2021	Jun	20	43	63
2021	Jul	30	107	137
2021	Aug	30	154	184
2021	Sep	41	111	152
2021	Oct	20	133	153
2021	Nov	43	95	138
2021	Dec	33	101	134
2022	Jan	23	95	118
2022	Feb	33	77	110
2022	Mar	41	74	115
TOTAL		366	1182	1548

(v) Blood Bank Statistics from Apr 2021 - Mar, 2022

Year	Month	Collection	Issued
2021	Apr	821	762
2021	May	593	583
2021	Jun	609	663
2021	Jul	845	764
2021	Aug	955	771
2021	Sep	1159	959
2021	Oct	918	987
2021	Nov	1183	1020
2021	Dec	986	950
2022	Jan	950	823
2022	Feb	1095	979
2022	Mar	1181	1133
TOTAL		11295	10394

(vi) Hospital Schemes Statistics from Apr 2021 - Mar, 2022

Year	Month	RBSK	BSKY	Smile Train	Ayushman Bharat	PPTF	RAN
2021	Apr	6	341	4	0	1	1
2021	May	2	221	0	0	0	1
2021	Jun	0	260	0	0	1	1
2021	Jul	2	312	0	0	2	0
2021	Aug	2	413	1	0	3	0
2021	Sep	2	416	3	1	5	0
2021	Oct	3	439	0	1	4	0
2021	Nov	8	567	2	1	3	0
2021	Dec	8	649	4	0	1	0
2022	Jan	2	545	1	1	3	0
2022	Feb	2	606	2	2	0	0
2022	Mar	3	909	3	2	4	0
TOTAL		40	5678	20	8	27	3

C. Diagnostics: -

(i) Central Laboratory Statistics from Apr 2021 - Mar, 2022

Year	Month	Biochemistry	Microbiology	Pathology
2021	Apr	176220	29625	30277
2021	May	69496	17922	15804
2021	Jun	101126	30608	23352
2021	Jul	148534	39952	30785
2021	Aug	161854	39686	40206
2021	Sep	179814	37878	41687
2021	Oct	174772	31058	41622
2021	Nov	175742	32439	41803
2021	Dec	184175	30782	40555
2022	Jan	124268	27417	27497
2022	Feb	153064	24134	34880
2022	Mar	206974	23509	45350
TOTAL		1856039	365010	413818

(ii) Radiodiagnosis Statistics from Apr 2021 - Mar, 2022

Year	Month	MRI	CT Scan	DigitalX-ray	USG	Mammo-graphy	CT Angiography
2021	Apr	656	2767	7067	1506	36	43
2021	May	179	1337	1610	727	10	19
2021	Jun	450	2119	4297	1168	17	33
2021	Jul	723	2952	7122	1840	31	33
2021	Aug	510	3251	7933	2055	52	23
2021	Sep	792	3557	9118	2361	66	46
2021	Oct	743	3110	8581	4104	44	48
2021	Nov	813	3306	9121	2144	49	56
2021	Dec	884	3555	8518	2107	39	58
2022	Jan	710	2749	6264	1988	39	48
2022	Feb	756	3076	7491	2039	41	56
2022	Mar	840	3835	10094	2616	49	60
TOTAL		8056	35614	87216	24655	473	523

(iii) Various Procedures Statistics from Apr 2021 - Mar, 2022

Year	Month	Endoscopy	Bronchos-copy	Spirometry	ECHO	ECG	Cath lab
2021	Apr	242	42	98	843	2416	109
2021	May	32	4	5	139	116	31
2021	Jun	85	10	29	323	475	52
2021	Jul	296	35	57	753	1887	144
2021	Aug	393	43	116	1715	3050	171
2021	Sep	308	55	186	1153	4401	222
2021	Oct	280	31	130	983	3096	184
2021	Nov	420	47	129	1073	4112	217
2021	Dec	265	51	143	1050	3376	213
2022	Jan	320	21	44	415	1676	129
2022	Feb	414	46	118	2026	2771	151
2022	Mar	564	59	313	1342	2771	275
TOTAL		3619	444	1368	11815	30147	1898

D. Emergency Medicine Consultation:

Year	Month	Emergency
2021	Apr	3297
2021	May	2827
2021	Jun	3276
2021	Jul	2576
2021	Aug	4590
2021	Sep	4496
2021	Oct	4674
2021	Nov	4079
2021	Dec	4268
2022	Jan	3564
2022	Feb	3239
2022	Mar	4254
TOTAL		45140

E. COVID Consultation:

(i) OPD Screening Statistics of AIIMS, BBSR from Apr 2021 - Mar, 2022

Year	Month	Emergency
2021	Apr	3758
2021	May	6724
2021	Jun	4915
2021	Jul	5790
2021	Aug	6375
2021	Sep	6093
2021	Oct	5672
2021	Nov	4772
2021	Dec	5114
2022	Jan	6404
2022	Feb	2198
2022	Mar	122
TOTAL		57937

(ii) COVID RT-PCR testing done at AIIMS, BBSR from Apr 2021 - Mar, 2022

Year	RT-PCR/ Antigen Testing		
	No. of sample Tested	No. of Positive samples	No. of negative samples
2021	12240	1180	10725
2021	10651	3336	6757
2021	16598	2059	14050
2021	19632	1807	16910
2021	16439	650	15477
2021	12813	400	12363
2021	8459	134	8288
2021	7294	47	7235
2021	7557	62	7487
2022	11313	3106	7775
2022	6775	470	6179
2022	275	10	253
TOTAL	130046	13261	113499

(iii) Total COVID Admission at AIIMS, BBSR from Apr 2021 - Mar, 2022

Year	Month
2021	207
2021	926
2021	956
2021	529
2021	76
2021	54
2021	28
2021	13
2021	06
2022	30
2022	07
2022	0
TOTAL	2832

(iv) Total COVID Vaccination done at AIIMS, BBSR from Apr 2021 - Mar, 2022

	COVID Vaccination		
Year	Dose 1	Dose 2	TOTAL
2021	4800	3650	8450
2021	10621	5259	15880
2021	6293	9743	16036
2021	1907	6912	8819
2021	4173	4192	8365
2021	6674	4379	11053
2021	2072	6986	9058
2021	594	2649	3243
2021	569	1205	1774
2022	1935	766	2701
2022	245	1532	1777
2022	119	360	479
TOTAL	40002	47633	87635

OTHER SERVICES

A. Essential Services

- ✓ OPD Services
- ✓ IPD Services
- ✓ Emergency & Casualty Services
- ✓ Modular Operation Theatre

B. Support Services

- | | |
|---|-------------------------------|
| ✓ Central Laboratory | ✓ Ambulance Services |
| ✓ Central Registration Counter | ✓ 24x7 Control Room |
| ✓ Online Registration Services (www.ors.gov.in) | ✓ 'May I Help You' Desk |
| ✓ 24 x 7 Cash Counter | ✓ Patient Facilitation Centre |
| ✓ AMRIT Pharmacy | ✓ Medical Record Department |
| ✓ Police Room in Emergency | ✓ Housekeeping |
| ✓ Digitisation of Hospital Services | ✓ Hospital Infection Control |
| ✓ E-Hospital | ✓ Mortuary |
| ✓ Mera Aspataal | ✓ Blood Bank |
| ✓ Digital Cash Collection | ✓ Laundry Services |
| ✓ 24 x 7 Casualty Services | ✓ Central Pharmacy Service |
| ✓ Central Laboratory Service | ✓ Radiological Services |

C. Utility Services:

- ✓ Hospital Store
- ✓ Mortuary
- ✓ Dietary Services
- ✓ Maintenance Services
- ✓ Hospital Security
- ✓ CSSD
- ✓ Registration and Indoor Case Records
- ✓ Control Room
- ✓ Fire & Security
- ✓ Canteen
- ✓ Ambulance Service

D. Public Convenience

- ✓ Patient Shed for the patient attendants
- ✓ Drinking water facility for the patient
- ✓ Two Public Convenience complex
- ✓ Battery Operated Carts
- ✓ Canteen facility for attendants of the patient
- ✓ Priority appointment with Doctors
- ✓ (Senior Citizens, Physically Challenged, Pregnant Lady and Sick Patients)

E. Various Awareness Programme Conducted

- ✓ International Yoga Day
- ✓ World No Tobacco Day
- ✓ World Cancer Day
- ✓ World Diabetes Day
- ✓ World AIDS Day
- ✓ World Glaucoma Week
- ✓ World Blood Donor Day
- ✓ COVID Appropriate Behaviour Campaign
- ✓ Anti-corruption Day
- ✓ Swachhata Pakhwada
- ✓ World Mental Health Day
- ✓ World Patient Safety Day
- ✓ Hindi Pakhwada
- ✓ World Oral Hygiene Day
- ✓ Anti-Tobacco Day
- ✓ World Malaria Day
- ✓ World Vitiligo Day

F. Schemes for poor patients

- ✓ BSKY (Biju Swasthya Kalyan Yojana)
- ✓ RBSK (Rastriya Bal Swasthya Karyakram)
- ✓ Ayushman Bharat Yojana
- ✓ Smile Train
- ✓ PPTF (Poor Patient Treatment Fund)
- ✓ Ration Card, Low Income and BPL Counter
- ✓ RNA (Rastriya Arogya Nidhi)

G. COVID Services:

- a. Dedicated Screening OPD
- b. Dedicated COVID Ward, SARI Ward, COVID ICU, COVID OT, Labour Room
- c. Dedicated Transportation Team for shifting of COVID patients
- d. COVID Appropriate Behaviour Campaign (CAB)- 42 Departments participated
- e. 24x7 helpline Telephone Number (0674-2476789) has been made available for public to enquire regarding COVID bed availability

- f. Telemedicine services with 28 specialty and super-specialty Departments and 'AIIMS Bhubaneswar Swasthya App' services.
- g. Dedicated COVID Wards/ COVID ICUs, COVID OT, Labour Room and Labour OT
- h. COVID Testing facility: RT-PCR, Rapid Antigen
- i. COVID Vaccination Services

H. Functioning status of Speciality and Super-speciality Departments (as per PMSSY)

Speciality (18nos)	Super-Speciality (17nos)
General Medicine	Cardiology
General Surgery	Cardiothoracic and Vascular Surgery
Obstetrics & Gynaecology	Gastroenterology
Orthopaedics and Traumatology	Surgical Gastroenterology
Paediatrics	Nephrology
Dermatology & STD	Urology
Oto-Rhinolaryngology (ENT)	Neurology
Ophthalmology	Neurosurgery
Rheumatology	Medical Oncology
Pathology with Central Lab	Surgical Oncology
Microbiology & Infectious diseases	Endocrinology & metabolic diseases
Radio-diagnosis & Imaging	Clinical haematology
Radiotherapy	Paediatric Surgery
Anaesthesiology	Burns and Plastic Surgery
Transfusion Med. & Blood Bank	Pulmonary medicine & critical care
Psychiatry	Nuclear Medicine
TB & chest	Neonatology
Dentistry	

I. Facilities Available

- 24 x 7 Emergency with Triage Facility
- Free Treatment to BPL Patients
- Modular Operation Theatres (MOTs)- 25
- S. HDU, SICU, CICU, NSICU, CT-ICU, RICU, PICU, NICU, MICU
- Central laboratory ((Biochemistry, Microbiology, Pathology & Haematology)
- Oncology Day-care
- Blood Bank
- Private Cabins- 48 beds
- Central registration counter with e-hospital & separate provision for senior citizens, female and physically challenged
- 24 x 7 pharmacy store
- Digital X-ray
- High resolution ultrasound
- CT Scan- 64 slice & 256 slice
- MRI- 1.5 Tesla & 3 Tesla
- Mammography
- DSA (Digital Subtraction Angiography)

- Battery operated carts for transport of Senior Citizens, Pregnant Ladies, Physically Challenged
- 24 x 7 cash counter
- Audiometry & Speech Language pathology
- AMRIT Pharmacy
- Endoscopy
- Bronchoscopy
- Laryngoscopy
- Cath Lab
- PET-CT
- ECMO Machine
- Paediatric Bronchoscopy
- DEXA Scan Machine

CENTRAL LIBRARY

The Central Library, AIIMS, Bhubaneswar caters to the information needs of the institute and all the Faculty members, Students, Senior Residents, Junior Residents, Administrative staff, Hospital Staff, Nursing Officers, Paramedical and other staff of the institute are library members. It has proactively supported the users in collecting their references for their research work. It has been working under the guidance of a Library Committee constituted by the head of the Institution.

LIBRARY COMMITTEE

Dr Subash Chandra Samal, Prof & HOD Gastroenterology	Chairman
Dr Asha P. Shetty, Prof & Principal College of Nursing	Member
Dr Somnath Mukherjee, Additional Prof. Transfusion Medicine	Member
Dr Prakash Kumar Sasmal, Additional Prof. General Surgery	Member
Dr Prajna Paramita Giri, Assistant Prof. CM&FM	Member
Dr Jitendra Narayan Dash, Sr. Librarian	Member Secretary

STAFF

Senior Librarian (Selection Grade):	Dr Jitendra Narayan Dash, Ph.D. (working on deputation till Aug2021)
Librarian Grade-I (Documentalist) :	Mrs. Smitarani Sabata
Librarian Grade-III:	Mr. Sunanda Kumar Sahoo

LIBRARY TIMINGS

The Working Hours of the Central Library is from 9 A.M. to 9 P.M. from Monday to Friday and 9 A.M. to 5.00 P.M. on Saturday. The reading room remains open 24x7 hrs. all day throughout the year.

TRAINING AND BOOK EXHIBITION

The Library has organized Training sessions for subscribed resources like ClinicalKey, Ovid, Uptodate, Access Medicine, BMJ Research to Publications, Grammarly and ERMED consortium journals to create awareness amongst the researchers and students for the optimum utilization of subscribed e-journals. Besides, short training sessions in some departments have been conducted to promote the utilization of subscribed resources. Also, Library has organized workshops for researchers on how to publish articles in high-impact journals with Wiley and BMJ. The Library provided trial access to online resources from reputed publishers such as Elsevier, Taylor and Francis, Thieme, Karger, EBSCO etc. The Library has also arranged an online DEMO for EMBASE, a medical literature database for the researchers of this institute. The Central Library has regularly conducted orientation programmes for newly joined MBBS, Nursing and Paramedical students.

LIBRARY RESOURCES

BOOKS

There are a total of 11,000 books in different disciplines of Medical Sciences, Nursing, Administrative, Dictionaries, and 846 Language books of Hindi and Odia are available in the Central Library.

CD/DVDs: 491

Bound Volume: 39 (WHO Global Subscription, BMJ Journals, etc.)

Treatment Protocols: 21

Thesis: 247 (MD/MS/DM/MCh and BSc & MSc Nursing Disciplines)

MAGAZINES AND NEWSPAPERS

English Magazines: 09

Newspapers: 15 (English : 07, Hindi : 01 and Odia : 07)

DATABASES

The Library has a subscription for relevant medicine and nursing databases such as Clinical Key of Elsevier, OVID & Uptodate of Wolters Kluwer, Best Practice of British Medical Journal (BMJ), and Access Medicine of McGraw-Hill, CINAHL of EBSCO, Clinical key for Nursing and Grammarly – a writing tool. The Library caters for Turnitin (plagiarism) checking facility also for its users.

Trial access for other relevant databases is arranged to create awareness for different scholarly resources

E-BOOKS / E-JOURNALS

The Library has e-access to around 1342 well-known Medical and Allied Health Sciences titles. The Library has a subscription of about 1985 high-impact online journals published by reputed publishers and societies worldwide such as Elsevier, Wolters Kluwer, Wiley, Springer Nature, Thieme, Karger, BMJ, Oxford, etc. Of these, 245+ journals are available through the ERMED consortium of Ministry of Health and Family Welfare (MOHFW). Necessary access information is disseminated through the library webpage: https://aiimsbhubaneswar.nic.in/library/pdf/all_journals_24_02_2020.pdf. It is free to access through AIIMS Network. Knimbus, a remote access software, has been purchased to help faculty members, resident doctors and students to access e-resources outside the campus through <https://aiimsbhubaneswar.knimbus.com/#/home>. Login ID & Password is required to open the resources out of AIIMS Network. It will help the user to access anywhere and anytime through the digital gadgets.

LIBRARY AUTOMATION

The Library uses KOHA automation software system that supports data entry and retrieval of books & other documents. All bibliographic services and certain library operations have been computerized, using the Integrated Library Management Software (ILMS) to manage Circulation and Security through Radio Frequency Identification System (RFID).

All the sections of the Library is enabled with the Wi-Fi facility, where the users can easily access all the subscribed and freely available online resources for their academic and research purpose.

E-LIBRARY

E-library has 40 computers embedded with a Wi-Fi facility. That allows our users to access and download all the Library's subscribed online journals, e-books, institutional repositories and other digitized resources which provides an e-learning environment for the students.

INSTITUTIONAL REPOSITORY

An institutional digital repository has been developed using DSpace open source software and other accessory software. The institute's scholarly literature, such as articles and students' thesis, is being preserved here for future reference.

HOSTEL

The Hostel committee was constituted on 13 Apr 2018, comprising one chief hostel superintendent, one additional hostel superintendent and 10 deputy hostel superintendents for each block.

Chief Hostel Superintendent	Dr Saubhagya Kumar Jena
Additional Hostel Superintendent	Dr Ashoka Mahapatra
Deputy Hostel Superintendent (Block B)	Dr Vinay Kumar Hallur
Deputy Hostel Superintendent (Block C)	Dr Dilip Kumar Samal
Deputy Hostel Superintendent (Block D)	Dr Pradeep Kumar Singh
Deputy Hostel Superintendent (PG-II)	Dr Pankaj Kumar
Deputy Hostel Superintendent (PG -III)	Dr Mukund Namdev Sable
Deputy Hostel Superintendent (Block E)	Dr Subarna Mitra
Deputy Hostel Superintendent (PG - IA)	Dr Kiran Kumar Boyina
Deputy Hostel Superintendent (PG- IB)	Dr Sweta Singh
Deputy Hostel Superintendent (Type IIA)	Dr Renju Sussan Baby
Deputy Hostel Superintendent (Block A)	Dr Mariamma V. George
Hostel Warden	Mr Janmejy Padhi
Hostel Warden	Mr Prasant Kumar Panigrahi
Hostel Warden	Mr Bansi Ram Baberwal
Junior Warden	Miss Kajal Behera
Junior Warden	Mr Deba Kumar Jena
Junior warden	Mr Ashok Kumar Lenka
Junior Warden	Mr Susant Kumar Nayak
Junir Warden	Mr Ch. Minaketan Mishra

The Hostel committee was constituted on 13 Apr 2018, comprising one chief hostel superintendent, one additional hostel superintendent and 10 deputy hostel superintendents for each block.

MBBS, B.Sc. (Hons) Nursing, B.Sc. (Hons) Paramedical, MD, MS, DM, M Ch, PhD students are accommodated in their well-furnished respective hostels. MBBS and B. Sc. (Hons) Paramedical male students stay in Hostel B, C and D Blocks. MBBS, B.Sc. (Hons) Nursing and B. Sc. (Hons) Paramedical female students stay in Hostel A, E and Type-IIA Blocks. Male MBBS Interns stay in PG1A and female MBBS Interns including Nursing Interns stay at PG-1B block. MD, MS, DM, M Ch, PhD students stay in PG-II and PG-III Blocks.

One new hostel block F was inaugurated by our president on 30th Aug 2021 & made functional. The newly joined MBBS, Paramedical & B Sc (Nursing) male students are residing in this hostel. Two hundred and ninety-five number of students were accommodated during 2020-21 session.

The students play football, cricket, badminton, volley ball in hostel premises at their leisure hours. Moreover, there is a provision for various indoor games (chess, table tennis & carom) in the hostels. A well-equipped gymnasium is on the 2nd floor of dining hall-II for the students. There are two dining halls, which are operational for all the students. Two floors of hostel blocks B and E were kept ready for isolation purpose in the wake of COVID pandemic. An eco-club was formed for plantation drive programmes to make the hostel campus green.

CONSTITUTION OF INTERNAL COMPLAINT COMMITTEE AIIMS, BHUBANESWAR

The Internal Complaint Committee, AIIMS Bhubaneswar was constituted via. Letter no.:

AIIMS/BBSR/ADMIN/ICCHS/636/67.dated 07.04.2021 .

The ICC, AIIMS Bhubaneswar constitutes:

Dr Baijayantimala Mishra (Prof. Microbiology Department)	Chairperson, ICC
Dr Sonu H Subba(Prof, CMFM Department)	Member
Dr Pravas Ranjan Mishra(Addl. Prof, Anatomy Department)	Member
Dr Manisha Kar (Addl. Prof, Physiology Department)	Member
Dr Suchitra Kumari (Asso. Prof, Biochemistry Department)	Member Secretary
Mr Bhima Surendra Babu (Nursing Tutor)	Member
Mrs Namrata Chadha	External Expert

Following is the data of activities of ICC, AIIMS Bhubaneswar during the period of 2021-2022

1. Number of complaints received: Two
2. Number of complaints with report submitted: Four (Two were ongoing)
3. Number of complaint pending- Nil
4. Details of sensitization programme on "sexual harassment of women at work place" arranged: Two sensitization programmes were organised on "sexual harassment of women at work place"
 - On 10th Feb 2022 for all batch MBBS students and Interns of AIIMS Bhubaneswar
 - On 24th Nov 2021 for the resident doctors of AIIMS Bhubaneswar and attended by around 53 senior and junior residents of AIIMS Bhubaneswar.

Any other activities undertaken by the ICC:

1. ICC installed signage boards at different places of AIIMS premises to sensitize regarding non tolerance of sexual harassment at workplace.
2. Counselling has been provided by the ICC chairman and members to female employees of AIIMS Bhubaneswar whenever sought by them.

NATIONAL SERVICE SCHEME (NSS)

FACULTY

Program Coordinator	Dr Priyamadhaba Behera
Program Officers	Dr Prabhas Ranjan Tripathy
	Dr Prajna Paramita Giri
Associate Professor	Dr Sritam Swarup Jena
	Mrs Hepsi Bai J
Assistant Professor	Mr Sam Jose

HIGHLIGHTS

The National Service Scheme (NSS) is a Central Sector Scheme of the Government of India, Ministry of Youth Affairs & Sports. The sole aim of the NSS is to provide hands-on experience to young students in delivering community service. The NSS Bureau, AIIMS Bhubaneswar, was inaugurated on 20th Sep 2021 with the objective of personality development of student volunteers through community service. The motto of the National Service Scheme is NOT ME BUT YOU. It was inaugurated in the presence of Prof. (Dr) Gitanjali Batmanabane, Ex-Director, AIIMS, Bhubaneswar; Ms. Sarita Patel, Regional Director, NSS, Dr Ramesh Chandra Behera, SNO cum Deputy Secretary, Dept of Higher Education, Government of Odisha. The six units were approved for AIIMS, Bhubaneswar, and NSS Bureau. One program officer was allotted per unit. Three hundred NSS volunteers were enrolled in the program. Being active members, these student volunteers would expect to experience the following:

- an accomplished social leader
- an efficient administrator
- a person who understands human nature

The activities of NSS Bureau AIIMS Bhubaneswar can be broadly divided into two categories.

1. Special Camp.
2. Regular activities

AWARDS, HONORS & SIGNIFICANT EVENTS

1. MOU signed between American Heart Association -AIIMS Bhubaneswar for Community-based CPR
2. NSS Bureau AIIMS provided inputs for preparing the NSS guideline for "Tobacco-free Campus" for schools and colleges

Summary of the specific camp of NSS Bureau AIIMS Bhubaneswar:

Special Camping forms an integral part of the National Service Scheme. It has particular appeal to the youth as it provides unique opportunities to the students for a group activity, collective experience sharing and constant interaction with the community. NSS Bureau AIIMS Bhubaneswar conducted two special camps, one in a rural area and another in a tribal village, from 12th-20th Mar 2021. Volunteers made an excellent effort to work on emerging issues among youth that is of national importance.

The various themes-based activities are

1. Social media and Youth
2. Youth Mental Health
3. School Health
4. Promoting sports and cultural activities among youth
5. Health education through culturally appropriate methods "Chakulia Panda and Badi Pala."

एम्स के लिए वाजपेयी को हमेशा याद किया जाएगा

एम्स भुवनेश्वर ने अपने संस्थापक भारत रत्न अटल बिहारी वाजपेयी को मावमीनी श्रद्धांजलि दी

■ नवभारत न्यूज़ | भुवनेश्वर
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पूर्व प्रधानमंत्री, महान राजनेता भारत रत्न स्वर्गीय अटल बिहारी वाजपेयी ओडिशा के लोगों के प्रति अपने विशेष स्नेह के लिए हमेशा दिलों में रहेंगे, जिसने राज्य के लिए बड़ी टिकट वाली विकास परियोजनाओं को एक बुद्धिमान बनाई, एम्स भुवनेश्वर के संस्थापक होने के नाते पूर्व प्रधानमंत्री ने राज्य में स्वास्थ्य देखभाल क्षेत्र में अमूल्यूल परिचय लाया, स्वर्गीय अटल बिहारी वाजपेयी एम्स भुवनेश्वर की गतिशीलता को देखते हुए आज भारत रत्न की 97^{वीं} जयंती पर इसके परिसर के अंदर उन्हें पावमौनी श्रद्धांजलि अर्पित की, सुशसन दिवस के अवसर पर कल एम्स भुवनेश्वर में एक बैठक भी आयोजित की गई, डॉन (अकादमिक) प्रो. देवश्रीय होता, उप निदेशक (प्रशासन) पी के रे, प्रो. अशोक जेना प्रभारी चिकित्सा अधीक्षक और मेजर एम सी साहू इस कार्यक्रम की शोभा बढ़ाने



वाले गणमान्य व्यक्तियों में शामिल थे, समाज के विभिन्न कोनों से गणमान्य व्यक्तियों, हस्तियों ने एम्स भुवनेश्वर परिसर में स्वर्गीय वाजपेयी की प्रतिमा पर पुष्पांजलि अर्पित की, यहाँ उल्लेखनीय है कि एम्स भुवनेश्वर परिसर में दिवंगत वाजपेयी की प्रतिमा स्थापित की गई है, पूर्व प्रधानमंत्री ने 15 जुलाई 2003 को एम्स भुवनेश्वर की आधारशिला रखी थी, एम्स भुवनेश्वर देश का दूसरा एम्स है और एकमात्र एम्स है जिसको

आधारशिला भी वाजपेयी ने रखी थी, इस अवसर को एक अलग तरीके से मनाने के लिए एम्स भुवनेश्वर परिसर के ठीक बाहर एम्स भुवनेश्वर एनएएसएस स्वयंसेवकों, युव फौर सेवा टीम और संस्था के कचरा संचालकों द्वारा एक स्वच्छता अभियान चलाया गया, इस अवसर पर मेडिकल एवं नर्सिंग के छात्रों द्वारा स्वामीय विक्रेताओं और जनता को अपने पर्यावरण को स्वच्छ और सुरक्षित रखने के लिए सैनिटरील बनाया गया, छात्रों और स्वयंसेवकों के इस प्रयास को बहुत सराहना की गई, एम्स

भुवनेश्वर पूर्वी भारत का एक विषयमनीय स्वास्थ्य देखभाल संस्थान बन गया है, सभी संकाय सदस्यों, रेजिडेंट डॉक्टरों, नर्सिंग अधिकारियों, छात्रों और कर्मचारियों ने एम्स भुवनेश्वर की स्थापना और गरीबों और व्यक्तियों की सेवा करने के लिए उनके विचारों का पालन करने के वाजपेयी के उद्देश्य को पूरा करने का संकल्प लिया है, अतिरिक्त प्रो. (एमटीपी) डॉ. प्रभाप रंजन बिपाठी ने पूरे कार्यक्रम का समन्वय किया, जिसमें एम्स भुवनेश्वर के आतिथि, संकाय सदस्य, छात्र और स्टाफ सदस्य शामिल हुए,

6. Health Camps for villagers
7. Swachh Bharat, Swachh Village
8. Women's health and menstrual hygiene
9. Health and Hygiene- folksongs.

Summary of regular activities of NSS Bureau AIIMS Bhubaneswar

Date	Venue	NSS activities	NSS Participants	Targeted group
19/09/2021	Alugadi	<ul style="list-style-type: none"> ➤ Health Camp and Awareness programme ➤ Along with treatment for common disorders, the eligible people for COVID-19 vaccination were linked with AIIMS for immunization ➤ Also, the chronic alcoholic patients were linked to deaddiction centre 	15	100 patients
20/09/2021	AIIMS, Hospital Blood Transfusion Department	Blood Donation Camp. A database is maintained for rare blood groups so that the emergency situation can be overcome.	20	NA
24/09/2021	AIIMS Hospital Premises	Celebration of NSS DAY <ul style="list-style-type: none"> • Cleanliness drive • Participation of volunteers in State level competitions 	20	NA
27/09/2021	AIIMS CAMPUS	COVID-19 Symptoms surveillance and ivermectin tablet distribution	-	Students approx. 1000
30/10/2021	Godibari tribal village	<ul style="list-style-type: none"> ➤ Community awareness program to tackle malnutrition among tribal children. ➤ Screening and specific counseling for malnourished children. ➤ Linking with NRC and Odisha livelihood mission 	30	Approx 200 local people
14/11/2021	AIIMS Hospital Road	Walkathon for Diabetes Awareness	300	NA
30/11/2021	AIIMS Hostel, academic building & hospital	Identification of the dengue breeding site and management of the same	30	NA
08/12/2021	AIIMS Main Auditorium	Training for community-based CPR for NSS volunteers	150	NA
11/12/2021	Ravenshaw University Cuttack	CPR Training to NSS volunteers of Ravenshaw University	19	50 college students
14/12/2021	Utkal University	Workshop for Strengthening NSS of Bhubaneswar	2	-
25/12/2021	AIIMS Hospital Premises	Cleanliness Drive on account of the birthday of our former Prime Minister Shri Atal Bihari Vajpayee ji	25	-
13/01/2021	Webinar	Youth Mental Health <ul style="list-style-type: none"> ➤ Promotion mental health well being among students ➤ How to reduce stigma and bridge the treatment gap 	105	-



SECTION - 2

DEPARTMENTS

ANESTHESIOLOGY & CRITICAL CARE

FACULTY

Additional Professors & HOD	Dr Satyajeet Misra	Associate Professors	Dr Sritam Swarup Jena
Additional Professors	Dr Swagata Tripathy		Dr Aparajita Panda
	Dr P Bhaskar Rao		Dr Alok Kumar Sahoo
	Dr Neha Singh	Assistant Professors	Dr Prasanta Kumar Das
	Dr Jayanta Kumar Mitra		Dr Nitasha Mishra
	Dr Bikram Kishore Behera		Dr Suma Rabab Ahmad
			Dr Soumya Sarkar

HIGHLIGHTS

The Department of Anesthesiology and Critical Care is officially functional since 2013. The Department is presently involved in postgraduate (MD, DM & PDF), undergraduate (MBBS), B.Sc. (Operation theatre & Anaesthesia Technology), B.Sc. (Nursing) teaching, clinical research and patient care. The Department conducts regular weekly academic activities and all the 13 faculty members actively participate in teaching theory (MBBS, Nursing and MD/PDF/DM) as well as undertaking practical classes. The students are sensitized and encouraged to get actively involved in research. Apart from MD Anesthesiology and Critical Care course, the Department has been running DM (Neuroanaesthesia), PDF (Critical Care) and PDF (Cardiothoracic anaesthesia) programme.

EDUCATION

At present the Department is involved in post-graduate (MD Anesthesiology and Critical care, DM Neuro-anesthesia, PDF Critical Care, PDF Cardiothoracic Anesthesia), undergraduate (MBBS), B.Sc. (Operation theatre & Anaesthesia Technology), B.Sc. (Nursing) teaching. All theory and practical classes are held as per schedule. Apart from theoretical knowledge, special emphasis is being given on clinical application. All the students are periodically evaluated for their progress in the form of theory, practical and viva voice exams. The Department also regularly conducts workshops/ CMEs as part of the educational initiatives.

CONFERENCES/CME/WORKSHOP ATTENDED & LECTURE DELIVERED/ PAPER PRESENTED

Dr Satyajeet Misra

- 1 Attended Indian Association of Cardiovascular and Thoracic Anaesthesiologists as an invited faculty in Madurai from 25-27 Mar 2022
- 2 Conducted Simulation based ACLS/BLS workshop at AIIMS Bhubaneswar on 6 Mar 2022
- 3 Participated in institute faculty presentation on 22 Feb 2022
- 4 Participated as an invited faculty for Indian College of Anesthesiologists Conference in Delhi from 17-19 Dec 2021
- 5 Participated as an invited faculty in the Indian Association of Cardiovascular and Thoracic Anesthesiologists (IACTA) transesophageal echocardiography webinar on 20 Aug 2021
- 6 Participated as a faculty for Centre of Excellence Talks on COVID-19 for West Bengal on 23 Jul 2021.
- 7 Participated as a faculty for Centre of Excellence Talks on COVID-19 for Odisha on 8 Jun 2021.

Dr Swagata Tripathy

- 1 Was a faculty for Head Injury Day awareness national seminar organized by SNCC on 20 Mar 2022
- 2 Participated in faculty meeting of Critical Care Asia-Africa Network on 31 Jan 2022 (Virtual)
- 3 Participated as an invited faculty in Intensive Care Society UK Conference 2021 and delivered lecture on "Opportunities and Challenges in Global ICU" on 7 Dec 2021 (Virtual)
- 4 Was a faculty for training in Fundamentals in Critical Care Course (SCCM – USA) on 2 Dec 2021 (Virtual)
- 5 Participated as an invited guest for the Indian Society of Critical care Medicine (ISCCM) Research Forum Meet on 28 Sep 2021 at New Delhi

- 6 Attended Society of Neuro Critical care (SNCC) National Conference (3rd Annual Meeting of the Neuro-Critical Care Society Asia Oceanic Chapter) from 25-27 Sep 2021 (Virtual)

Dr P. Bhaskar Rao

- 1 Participated as a faculty in BLS and ACLS workshop organized by Department Anaesthesiology and Critical Care, AIIMS, Bhubaneswar on 06 Mar 2022

Dr Neha Singh

- 1 Attended the Virtual Conference on "Controversies on Cannabis-Based Medicines" on 24 Mar 2022.
- 2 Attended virtual CME on "Consent - A mandate in medical profession" organized by Dehradun society of Anesthesiology on 16 Feb 2022.
- 3 Attended AAGBI (Association of Anaesthetists of Great Britain and Ireland) Winter Scientific Meeting (WSM 2022) (VIRTUAL) and presented my short-listed poster in original research category "Effect of sub-anaesthetic dose of intravenous ketamine and lumbar epidural analgesia vs thoracic epidural analgesia on postoperative pain in patients undergoing major abdominal surgeries: A randomized controlled trial." on 13-14 Jan 2022.
- 4 Attended webinar on "Healthcare quality and patient safety: Have we moved the (Swiss) cheese? by Dr TS Ravikumar on 9 Dec 2021; Under the auspices of Implementation Research Associates for Patient Safety (I-RAPS) A collaborative of several 'All India Institutes of Medical Sciences' & National Institute of Design.
- 5 Attended Qualitative research workshop, organized by Department of Community and family medicine, AIIMS, Bhubaneswar on 2-3 Dec 2021.
- 6 Invited Faculty to deliver a talk on "Regional Anaesthesia in Critical Care" at 35th World Critical care and Anesthesiology (WCCA) 2021 (Virtual) held from 19-20 Nov 2021 at Bangkok, Thailand.
- 7 Invited Faculty to deliver a talk in Newer Blocks video session on "Supra Inguinal Fascia Iliaca (SIFI) Block" at 35th Karnataka State Conference KISACON 2021 (Virtual) held from 7-10 Oct 2021 at Shivamogga, Karnataka.
- 8 Invited Faculty for a panel discussion on "Economic impact of cancer care: How can we contribute to ease the burden?", at National E-Conference of Society of OncoAnaesthesia and Perioperative Care (SOAPCCON) 2021 held from 25-26 Sept 2021.
- 9 Attended World Congress of Anesthesiologists (WCA) 2021 (Virtual) and presented Papers "Information leaflet as a tool in improving awareness about pre-anaesthetic check-up and anaesthesia as Specialty in patients posted for surgery." (ID 1434) and "Ultrasound guided anterior and posterior Quadratus Lumborum block for postoperative pain after caesarean section: A case series." (ID 2110) organized by World Federation of Societies of Anaesthesiologists (WFSA) from 1-5 Sept 2021.
- 10 Attended Regional Anesthesia webinar organized by Academy of Regional Anesthesia (AORA) India as a moderator for "Predicting Postoperative Pain and New drugs for Acute Pain Management" on 28 Aug 2021.
- 11 Attended the webinars on COVID-19 management, organized by AIIMS - SCBMC is organizing Center of Excellence from 1-24 Jun 2021.
- 12 Attended the Workshop on "Online Open Book Examination" organized by Medical Education Unit, AIIMS, Bhubaneswar on 19 Jun 2021.
- 13 Attended the VV-ECMO symposium organized by Department of Anesthesia and Pediatrics, AIIMS, Bhubaneswar from 25-29 May 2021.
- 14 Attended the webinar on "Priority setting of health research " by Cochrane oral health Clinical editor Dr Sumantha Kumbargere Nagraj organized by IDS, Bhubaneswar on 24 Apr 2021.
- 15 Invited Faculty to deliver a talk on "Nerves around Knee Joint", moderator for "USG path: "Walk through the block" videos and served as reviewer in the Abstract Committee at 11th National E-Conference of Academy of Regional Anesthesia (AORA) India 2021 held from 16-18 Apr 2021.

Dr Bikram Kishore Behera

- 1 Participated as faculty in BLS and ACLS workshop organized by Department Anaesthesiology and Critical Care, AIIMS, Bhubaneswar on 06 Mar 2022.
- 2 Attended a workshop on Benign anorectal procedures conducted by Department of General surgery as a faculty at AIIMS Bhubaneswar on 23 Oct 2021.

- 3 Attended the webinar on Picking the right journal and getting published organized by Wolters Kluwer, AIIMS Bhubaneswar, and Editage on 27 Jul 2021.
- 4 Attended workshop on open book examination conducted by Medical Education Unit, AIIMS Bhubaneswar on 24 Jul 2021.
- 5 Attended the VV-ECMO symposium organized by Department of Anesthesia and Pediatrics, AIIMS, Bhubaneswar from 25-29 May 2021.
- 6 Attended One Week Online Training Program on Statistical Data Analysis Using SPSS Software from 21-27 May 2021 organized by Science Tech Institute, Lucknow.
- 7 Completed Foundation course in Palliative Care and Pain Medicine (FCPPM) by Trivandrum Institute of palliative care - Extension for Community Healthcare Outcomes (TIPS-ECHO) programme in 2021.
- 8 Attended Basic course in Aesculap Academy Daradia Fellowship in Pain Management (FIPM) in 2021.

Dr Sritam Swarup Jena

- 1 Participated as a faculty in BLS and ACLS workshop organized by Department Anaesthesiology and Critical Care, AIIMS, Bhubaneswar on 06 Mar 2022.

Dr Aparajita Panda

- 1 Participated as faculty in BLS and ACLS workshop organized by Department Anaesthesiology and Critical Care, AIIMS, Bhubaneswar on 06 Mar 2022.
- 2 Participated as a panelist for the discussion on "Anesthesia for morbidly obese patients" at national conference of Indian Society of Anesthesiologists (ISACON) 2021 held from 24-28 Nov 2021 at Ahmedabad.
- 3 Participated as a chairperson for the discussion on "Regional anesthesia, mother of interventional pain management" in 36th Annual National Conference of Indian Society for Study of Pain (ISSPCON) 2022 held from 15-17 Apr 22.

Dr Alok Kumar Sahoo

- 1 Conducted crisis management and teamwork training in the ICU for Nurses and resident doctors from 10-20 Mar 2022 at AIIMS Bhubaneswar.
- 2 Was the organizing chairman of the BLS and ACLS workshop 2022 conducted by the Department of Anesthesiology and Critical Care AIIMS, Bhubaneswar on 6 Mar 2022 at AIIMS, Bhubaneswar.
- 3 Attended ISACON 2021 held virtually from 25-28 Nov 2021 conducted by Indian Society of Anaesthesiology.
- 4 Attended the SEPSISCON 2021 conducted virtually from 11-12 Sep 2021.
- 5 Participated in online faculty development programme on creative thinking from 12-14 Aug 2021 conducted jointly by JIPMER, Puducherry and MEU, Bhubaneswar.
- 6 Participated in workshop on "Online Open Book Examination" held on 19 Jun 2021 by MEU AIIMS, Bhubaneswar.
- 7 Attended as a delegate in virtual AORA (Academy Of Regional Anesthesia) from 16-18 Apr 2021 organized by Association of regional anaesthesia.
- 8 Inspected and apprised various aspect and of COVID care by Disaster Management cell as a part of central team for the state of Maharashtra during COVID pandemic from 7-13 Apr 2021.

Dr Nitasha Mishra

1. Participated In EEG (Electroencephalography) and Neurophysiology monitoring workshop organized by Indian Society of Neuroanesthesia And Critical Care (virtual) from 21-22 Jan 2022.

Dr Suma Rabab Ahmad

1. Attended World Critical Care and Anesthesiology Conference (WCAC) and presented a topic on "Raised Intracranial Pressure: Stepwise Approach" held in Thailand (virtual) from 19-20 Nov 2021.

PATIENT CARE / HOSPITAL SERVICES

The Department of Anesthesiology & Critical care provides anesthesia services to all broad speciality and super-speciality surgical Departments, both for elective as well as emergency cases. Presently anesthesia services are provided in 16 operation theatres. In addition, the Department also runs a 14 bedded intensive care unit. Out-patient Department clinics

consists of pre-anesthesia check-up clinic which runs from Mondays to Fridays and pain & palliative care clinic which runs on 2 days a week. Anesthesia services are also provided for MRI, CT, electroconvulsive therapy, radiotherapy, endoscopy & ERCP on a daily basis. Peripheral services like emergency peripheral and central intravenous access, intubation calls, cardiac arrest calls, etc for in-patients as well as emergency ward patients are also provided. The Department plays a key role in providing ECMO services in the institute

AWARDS, HONOURS & SIGNIFICANT EVENTS

The Department had conducted BLS and ACLS workshop 2022 on 6 Mar 2022 in which 50 resident doctors got trained in basic and advanced cardiac life support by the faculty of our Department. There were interactive lectures as well as hands-on stations where delegates practised the steps of BLS and ACLS on high fidelity simulation-based mannequins. This was followed by post-training evaluation and certificate distribution.

Dr Swagata Tripathy

1. Was selected as Associate Editor for Critical Care Communications, the official newsletter for the Indian Society of Critical Care Medicine.
2. Was an invited lecture for DM Critical Care in National Board of Examinations Critical Care Webinar series on 12 Mar 2022.

Dr Neha Singh

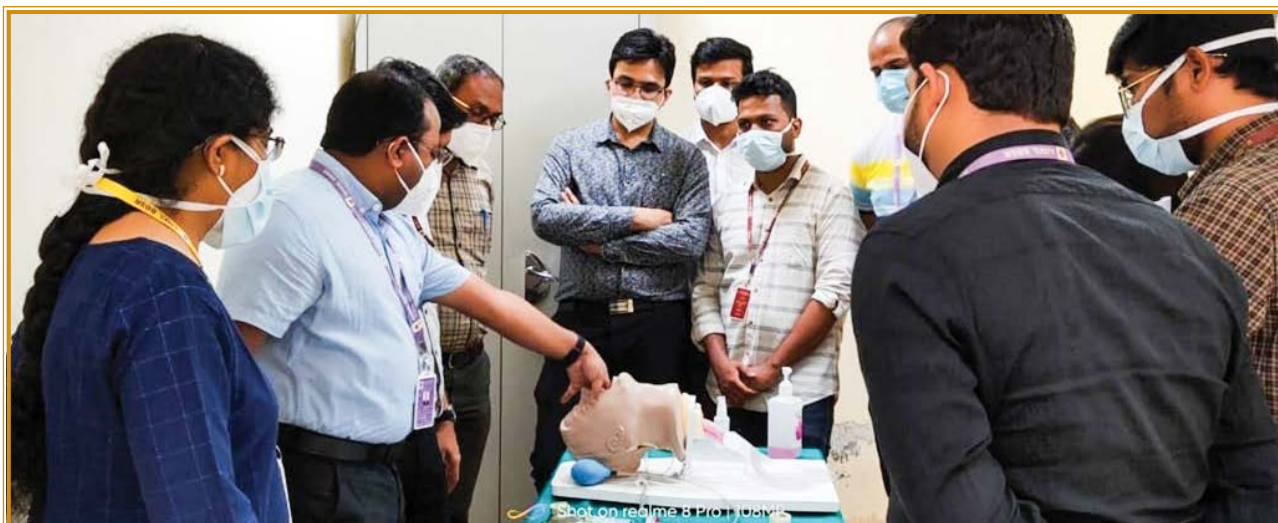
1. Was awarded World Congress of Anesthesiologist (WCA) scholarship for 2021. Annual Report | 2020-21



Prof Satyajeeet is welcoming the trainees to BLS & ACLS workshop held on 06.03.22



Dr Bhaskar is explaining about ACLS scenarios to trainees



Dr Aparajita and Dr Devi are explaining management of airway to trainees



Dr Bikram is explaining about advanced cardiac life support



Dr Soumya is explaining about the use of automated external defibrillator

ANATOMY

FACULTY

Additional Professor & HOD	Dr Manisha Rajanand Gaikwad
Additional Professor	Dr Pravash Ranjan Mishra Dr Prabhas Ranjan Tripathy
Associate Professor	Dr Madhumita Patnaik Dr Sipra Rout
Assistant Professor	Dr Sanjukta Sahoo Dr Praisy Joy R Dr Arthi Ganapathy

HIGHLIGHTS

Apart from the regular teaching, learning activities and research, we have set up a state-of-the-art Cytogenetic Laboratory with Karyotyping and FISH (Fluorescence in situ hybridization) facilities to provide diagnostic services to the patients of AIIMS, Bhubaneswar. The faculty of the department are now a part of perinatology clinic and attend regular OPD's on Tuesday afternoon. We provide genetic counselling to the patients. The Department has installed CO2 incubator, Biosafety cabinet for the cytogenetic laboratory. Three P.G. students have completed their thesis successfully and have passed MD Anatomy from the Department.

EDUCATION

At present the Department has been involved in teaching postgraduate (MD); undergraduate (MBBS), B.Sc. and M.Sc. (Nursing); B.Sc. (Hons) Paramedical Courses. The faculty and residents were involved in taking classes. The Department is following the new curriculum for the medical undergraduate course that has been approved by the Governing Body of AIIMS, Bhubaneswar. Both formative and summative assessments are held periodically to evaluate the students. Clinically oriented learning was emphasised by organising horizontal and vertical integrated lectures and seminars in association with other Departments. The acquisition of skills are tested periodically by conducting objective structured practical examination (OSPE) during the medical teaching. The Department has been organising online classes and assessments for Medical, Nursing and Paramedical students during the COVID-19 lockdown period.

CONFERENCES/CME/WORKSHOPS ATTENDED & LECTURE DELIVERED/ PAPER PRESENTED

Dr Manisha Rajanand Gaikwad

1. Participated as trainee in the "Online course on Grant management for health and social science researchers" by St. John's research institute, Bangalore from 1-28 Feb 2022
2. Participated in the Odisha State chapter conference of Anatomical society of India at Kalinga Institute of Medical Sciences, Bhubaneswar, two paper presented by Post Graduate students of the department under my guidance on 26 - 27 Feb 2022.
3. Participated and presented scientific poster "A Rare variation of Hyperostosis Frontalis Interna in an Indian dry human skull and review of literature" at the 6th International Anatomical Sciences and Cell Biology Conference (IASCBC 2022) Singapore held virtually from 21-23 Feb 2022.
4. Participated in the National CME on "Micrometry in microscopic image analysis using ImageJ software" workshop conducted by Dept of Anatomy JIPMER Puducherry on 12 Feb 2022.
5. Participated and chaired a scientific session at the 68th NATCON organized by dept of Anatomy, King George Medical University, Lucknow U.P. NATCON conducted by KGMU Lucknow, U.P on 29 Jan 2022.
6. Participated in CME on "Expanding horizons of Anatomy: Knowing the unknown" virtual 68th NATCON organized by Dept of Anatomy, King George Medical University, Lucknow U.P on 28 Jan 2022.
7. Participated and Chaired a pre-conference scientific session "Overview of in-vitro fertilization: Focus on male infertility" at the virtual 68th NATCON organized by Dept of Anatomy, King George Medical University, Lucknow U.P. on 27 Jan 2022.

8. Participated in the online webinar on "Dealing with challenges in online Anatomy teaching" by Dept of Anatomy, Jawaharlal Nehru Medical College, Sawangi Wardha, Maharashtra on 14 Jan 2022.
9. Participated at the virtual BMSeCON 2021 2nd International conference conducted by AVMC Puducherry, Chaired an e poster session on 27 Nov 2021.
10. Participated in the virtual International Bioethics and medical research conference Ethos 2021 conducted by MGMIS, Sewagram, Wardha from 12-16 Nov 2021.
11. Participated on the occasion of World anatomy day the online webinar on "Research in Anatomical Sciences" held by Society of Clinical Anatomists on 15 Oct 2021.
12. Participated on the occasion of International yoga day celebration and attended the webinar by ACYTER, JIPMER Puducherry on 21 Jun 2021.
13. Participated in the Open book examination online workshop MEU at AIIMS Bbsr on 19 Jun 2021.
14. Participated in the Introduction to Cochrane library webinar by WILEY on 18 Jun 2021.
15. Participated in the Virtual CME on Recent trends in body preservation including COVID-19 suspected deaths conducted by AIIMS Bhatinda on 27 Apr 2021.

Dr Madhumita Patnaik

1. Attended Web seminar: Medical Edge Series: Anatomy Webinar - Brachial Plexus on 26 Mar 2022
2. Attended the annual conference of ASI (Anatomical Society of India) state chapter and its CME in Kalinga Institute of Medical Sciences, Bhubaneswar, Odisha on 26-27 Feb 2022.
3. Attended the virtual national conference of Anatomical Society of India, 68th NATCON, 2022 "A virtual academic fiesta" organised by Department of Anatomy, King George's Medical University, Lucknow, UP from 28-30 Jan 2022 and chaired a scientific session of Oral presentation on "Teratology and Embryology" on 30 Jan 2022. Also attended the Workshop on 27 Jan 2022 and CME on 28 Jan 2022.
4. Attended the Web seminar: Medical Edge Series: Webinar on World Anatomy Day - Research in Anatomical Sciences organised by the National Journal of Clinical Anatomy (NJCA) under the aegis of Society of Clinical Anatomists (SOCA) and Wolters Kluwer, on 15 Oct 2021.
5. Attended the Webinars on the "Practical Approach to Thesis Writing" taken by Director, AIIMS BBSR on three consecutive Saturdays; 28 Aug 2021, 04 Sep 2021 and 11 Sep 2021.
6. Did the Faculty Presentation for the AIIMS, Bhubaneswar Research Forum monthly talk on behalf of the Dept. of Anatomy on "Schwannoma in an accessory branch of the posterior cord of the brachial plexus: a rare case report" on 31 Aug 2021.
7. Participated in the Virtual Conference on Medical Education organised by AMEE, from 27-30 Aug 2021.
8. Invited to be a judge of "Mritunjay- a Tribute to the Deceased." A virtual pan India fest organised by the National Medicos Organisation, FEST 21, "PARJANYA" on 15 Aug 2021.
9. Participated as a Delegate in the Online Faculty Development Program on Creative Thinking conducted by JIPMER Puducherry and organised by the Medical Education Unit, AIIMS Bhubaneswar from 12 - 14 Aug 2021.
10. Completed an online course of 12 weeks on Essentials in Medical Education Assessment conducted by AMEE from 26 Apr to 16 Jul 2021.
11. One Week Online Basic Course on Biomedical Research Organized by SCIENCE TECH INSTITUTE Lucknow, from 21- 27 Apr 2021.
12. Participated in an online webinar on Publication Ethics organised by National Journal of Clinical Anatomy under the aegis of Society of Clinical Anatomist (SOCA) on 10 Apr 2021.

Dr Sanjukta Sahoo

1. Attended 34th Annual conference of Anatomy Society of India, Odisha state chapter at Kalinga institute of Medical sciences Bhubaneswar on 26-27 Feb 2022.
2. Participated in virtual Medical Education Conference (MEDUCON-2021) by JIPMER Puducherry from 2 - 3 Sep 2021.
3. Online Developmental Program on Creative Thinking by AIIMS Bhubaneswar 2021 from 12 - 14 Aug 2021.

4. Attended Faculty Development Programme (Research Methodology & Basic Biostatistics) by AIIMS Bhubaneswar on 17-18 Jul 2021.
5. Attended 7th annual international conference BGCI (Board of Genetic counselling, India) virtual participation certificate from 1 -3 Jul 2021.
6. Attended Anatomy CME cum workshop on soft embalming technique in cadaver for hands on practice and conduction of surgical workshop organised by KIMS, Bhubaneswar under Anatomy Society of India Odisha State chapter on 7 May 2021.
7. One week Basic Course on Biomedical Research by science tech institute on 21-27 Apr 2021.

Dr Praisy Joy

1. Attended 34th Annual conference of the Anatomical Society of India Odisha state chapter on 26-27 Feb, 2022.



34th Annual Conference of the Anatomical Society of India Odisha State Chapter
held on 26-27 Feb 2022 held at KIMS, Bhubaneswar

AYUSH

FACULTY

Senior Medical Officer (Ayurveda)	Dr Prasanta Kumar Sahoo
Medical Officer, AYUSH (Ayurveda)	Dr Ajit Kumar Pradhan
Medical Officer, AYUSH (Homoeopathy)	Dr Subashish Sarkar
Medical Officer, AYUSH (Homoeopathy)	Dr Asif Sardar

HIGHLIGHTS

The Department of AYUSH provides holistic and better clinical services through different systems of AYUSH. The Department offers the highest standard of services in the preventive, promotive and curative clinical care in the available facilities of Ayurveda, Yoga and Homoeopathy. The Department usually sees new cases, old cases and cross-referral patients from other departments. The Department conducted morning Yoga Sessions at the residential complex of the institute regularly. The Department also emphasized the easy availability of medicine for patients; on this aspect, AYUSH medicines are made available at Amrit pharmacy of AIIMS Bhubaneswar. Faculty members of the Department is also involved in several academic activities like article publication in the reputed peer-reviewed journal as well as in the Hindi magazine of the institute named 'AROGYA SUDHA' (Academic Articles, Case Reports and Research report), several online certificate courses, online training programmed, various workshop and attended several academic and learning events as guest speaker. Faculti Members from this Department attended a program on "Science and Traditional Medicine in India" on the ambit of "Azadiki Amrit Mahotsav," organized by DPU, CCRH, Dr Abhin Chandra Homeopathic Medical College and Hospital, Bhubaneswar. The Department maintains the herbal garden of this institute. Department of AYUSH has participated in a Community Outreach Programme with the collaboration of the Dept. of ENT.

EDUCATION

The Department of AYUSH is involved in M.Sc. Nursing teaching, as per the requirement of the nursing syllabus in the field of alternative medicines.

CONFERENCES/CME/WORKSHOP ATTENDED & LECTURE DELIVERED/ PAPER PRESENTED

Dr Prasanta Kumar Sahoo

1. Invited as Guest speaker and presented a talk on "Aahara- Ayurvedic way of Healthy Diet" in Food Carnival- 1.0 organized by Students Association, AIIMS Bhubaneswar on 27 Mar 2022.
2. Invited as Guest speaker in a scientific webinar on "Role of Ayurveda on Immunity" dated 30 Jan 2022 by Zandu and Emami Ltd.
3. Participated in Faculty Development Programme on Sample Size Calculation in Biomedical Research 25 Sept 2021, organized by Research cell, AIIMS, Bhubaneswar.
4. Participated in Faculty Development Programme on Research Methodology and Basic Biostatistics on 17 and 18 Jul 2021, organized by Research cell AIIMS Bhubaneswar.

Dr Ajit Kumar Pradhan

1. Delivered a lecture in a program on "Science and Traditional medicine in India" on the ambit of "Azadi ka Amrit Mahotsav" at Abhin Chandra Homoeopathic Medical College & Hospital, Bhubaneswar, on 25 Feb 2022.
2. Attended Faculty Development Program on Research Methodology and Basic Biostatistics on 17-18 Jul 2021, Organised by AIIMS, Bhubaneswar.

Dr Subhasish Sarkar

1. Attended and delivered a speech in the program on 'Science and Traditional Medicine in India on the occasion of 'Azadi Ka Amrit Mahotsav' organized by DPU of Bhubaneswar under CCRH on 25 Feb 2022.
2. Attended National Workshop organized by D. N. DE Homoeopathic Medical College & Hospital on 26 Nov 2021. [Virtual Mode].
3. Completed online courses on Development Research Methods (NTPL) through SWAYAM on 15 Oct 2021.

4. Attended Workshop on Clinical Trial Registry- India organized by ICMR-NIMS Delhi on 24 Aug 2021. [Virtual Mode]
5. Completed online courses on Research Methodology and Statistical Analysis (IGNOU) on 15 Jun 2021
6. Completed online courses on Diet Management in Health & Disease (CEC) through SWAYAM on 30 Apr 2021.

Dr Asif Sardar

1. Attended National Workshop organized by D. N. DE Homoeopathic Medical College & Hospital on 26 Nov 2021. [Virtual Mode].

PATIENT CARE / HOSPITAL SERVICES

Since its inception, the Department of AYUSH has provided OPD services to the people of Odisha and neighboring states in Ayurveda, Homoeopathy and Yoga. OPD services of the AYUSH Department, running from Monday to Saturday, have been providing services to patients suffering from various diseases like osteoarthritis & joint disorders, piles and fistula, diabetes, skin diseases, back pain, hyperacidity etc. During the covid pandemic, the Department of AYUSH played a crucial role in prevention. The total number of patients visited the OPD: was 5444, and the Swathya app consultations: were 966.

AWARDS, HONOURS & SIGNIFICANT EVENTS

AYUSH Department has celebrated the sixth AYURVEDA Day on 3 Nov 2021 at AIIMS Bhubaneswar campus. On this auspicious occasion, Honorable Director Dr Geetanjali Batmanabane was the chief guest of the program. She delivered her speech on the theme "Ayurveda and nutrition." Prof. Sanjay Kumar Satapathy, Vice Chancellor, Kalahandi University, joined the program's Guest of Honor. He delivered his speech on the practical aspect of Ayurveda in daily life.

BIOCHEMISTRY

FACULTY

Professor & HOD	Dr Manaswini Mangaraj
Additional Professor	Dr R Balamurugan
	Dr Suchanda Sahu
	Dr Debapriya Bandyopadhyay
Associate Professor	Dr Prakruti Dash
	Dr Suchitra Kumari
	Dr Gautom Kumar Saharia

HIGHLIGHTS

The Department of Biochemistry, AIIMS, Bhubaneswar, during its tenth year, performed enthusiastically in teaching, optimal patient care, research, and other institutional activities in compliance with the COVID-19 guidelines. The Department being equipped with diagnostic and research facilities, carried out various institutional activities and provided 24x7 diagnostic laboratory services for patient care. During 2021 - 2022, new test parameters like newborn screening tests for all in house deliveries and some routine parameters added on to the existing list of the Department. This was in addition to the COVID-19 parameters which were initiated in the 1st phase of the pandemic. The faculty conducted the regular academic programs namely lectures, practical class demonstrations, examinations, and evaluations for undergraduate and postgraduate students. Some of the UG students did their ICMR-STs projects with the faculty. The Department followed COVID appropriate behavior in all its activities and duties and contributed to the Pandemic by providing faculty and students on deputation for clinical care. Several intramural-funded and non-funded, extramural, and collaborative research projects were completed, and some are currently in progress in the Department.

EDUCATION

The Department of Biochemistry was involved in teaching programs for undergraduate and postgraduate students. Undergraduate students include MBBS, BSc nursing, and paramedical students on various allied health courses (BSc MLT, BSc OT & AT, BSc MTIT). The postgraduate training course in the Department is the MD in Biochemistry (four candidates per year). There were nine MD candidates with scheduled 36 months course. The Ph.D. program, which was initiated in 2019, had one regular Ph.D. candidate and three in-service Ph.D. candidates and one post-doctoral fellow.

CONFERENCES/CME/WORKSHOP ATTENDED & LECTURE DELIVERED/ PAPER PRESENTED

Dr Manaswini Mangaraj

1. Attended 11th AMBICON 2022 Odisha State Chapter held at MKCG Medical College and Hospital, Berhampur on 6 Mar 2022 was an invited speaker on "Neuron and Neurodegeneration of Aging- The metabolic thread".
2. Attended 47th Annual conference of Assoc. of Clinical Biochemists of India held from 12-15 Dec 2021 at Kolkata on virtual mode.
3. Attended 28th National annual conference of Assoc. of Medical Biochemists of India at AIIMS, Raipur from 2-5 Dec 2021 and was an invited Speaker on 3 Dec 2021 on "Acanthosis Nigrans and its association with cardiometabolic risk factors in children with overweight/obesity".
4. Attended as an invited speaker 2nd International e- conference at AVMC on 26 Nov 21 and delivered talk on "Role of Lipidomics in Cancers".

Dr R Balamurugan

1. On a panel discussion with other experts, Panelist on the topic "Scientific Breakthroughs: Cutting Edge Microbiome Research amid the Pandemic."- on 26 Oct 2021, Probiota Asia digital summit 2021 organized by Nutra Ingredients-Asia.
2. Organized NREHA 2020 Conference on 27-28 Aug 2020 at CSIR-Institute of Minerals and Materials Technology, Bhubaneswar India in collaboration with UCL, London UK and AIIMS, Bhubaneswar, as Organizing committee member.
3. Podcast: <https://www.nutraingredients-asia.com/Article/2021/07/09/LISTEN-Gut-microbiome-elderly-and-HIV-Prof-Balamurugan-Ramadas-on-studying-overlooked-populations-at-new-India-research-centre>.

Dr Suchanda Sahu

1. Attended as delegate in the CME on "Neurobiochemistry" as part of 11th AMBICON 2022, Odisha Chapter, organized by the Dept of Biochemistry, MKCG Medical College, Berhampur on 6 Mar 2022.
2. Attended as delegate in the Continued Medical Education WEBINAR on "HPLC - Basic Principles & Applications - Newborn Screening & Vitamin Analysis" organized by Department of Biochemistry, ESIC Medical College and Hospital, Sanathnagar, Hyderabad on 8 Jan 2022
3. Attended as faculty in the 28th Annual Conference of Association of Medical Biochemists of India (AMBICON) on "Molecular Ingress in Realm of Modern Diagnostics" at AIIMS, Raipur during 3-5 Dec 2021. Delivered a talk on "Association of Serum Vitamin D, Osteoprotegerin, RANK-L and their ratio in osteoarthritis of Knee" and was a Judge for poster presentations.
4. Participated as delegate in "Indirect Fluorescent Assay Workshop" organized by Dept of Biochemistry, AIIMS, Raipur on 2 Dec 2021
5. Attended as trainee in the Schrodinger's 2-days Cloud-based Hands-on Workshop "Computational Structure Based Screening and Explicit Molecular Dynamics" on 24-25 Nov 2021, co-organized by AIIMS Bhubaneswar.
6. Attended as faculty in the conference on 'Lead & other metals in health and disease', during 29-31 Oct 2021, organized by Western Region Lead Referral Centre (NRCLPI), Department of Biochemistry, AIIMS, Jodhpur. Delivered a talk on "Lead and other heavy metal levels in the urine and hair of Attention Deficit Hyperactivity Disorder patients in eastern India".
7. Attended as a delegate virtual in the National CME on "Quality Service in Laboratory Diagnostics" organised by Department of Biochemistry, Kalinga Institute of Medical Sciences, Bhubaneswar, Odisha on 25th Sep 2021
8. Attended as delegate in 5th PTP/RMP Conclave on Proficiency Testing Providers (PTP)/ Reference Material Producers (RMP) organized by NABL, Gurugram held on 30-31 Aug 2021
9. Attended as a delegate in the virtual CME on "Immunological response in COVID-19" organized by Department of Biochemistry, Bhima Bhoi Medical College and Hospital, Balangir, Odisha on 14 Aug 2021
10. Attended workshop in virtual mode on "Advancing your genomics research with low cost NGS kits" organized by Perkin Elmer, Boston, USA on 12 Aug 2021
11. Attended as a delegate in the Workshop on "Online Open Book Examination" organized by MEU, AIIMS, Bhubaneswar on 24 Jul 2021
12. Attended as a delegate in the virtual CME on "Biochemistry of COVID-19" organised by Department of Biochemistry, SCB Medical College, Cuttack, Odisha on 18 Jun 2021
13. Attended as a delegate in the virtual CME on "The Unborn Patient – Where Technology Breaks Boundaries" organized by AVMC, Puducherry, 11 Jun 2021
14. Attended as a delegate in the Golden Jubilee Webinar on "Past, Present & Future of Evidence Based Medicine", delivered by Dr Gordon Guyatt, Father of Evidence-Based Medicine (EBM), organized by AVMC, Puducherry on 21 May 2021

Dr Debapriya Bandyopadhyay

1. Attended as a delegate in the online CME and workshop on "Advances in Molecular Genetics & Primer Designing" conducted by the Dept of Biochemistry, AIIMS Bibinagar, on 26 Mar 2022
2. Attended as a delegate in the online IFCC Live webinar on "Advancing Internal & External Quality Assurance on a global scale" on 7 Mar 2022
3. Attended as an on-line delegate in the hybrid 47th National Conference of the Association of Clinical Biochemists of India (ACBICON 2021), at Science City, Kolkata 13-15 Dec 2021
4. Attended the online workshop on Immunofluorescence, on 02 Dec 2021 and participated online as a delegate in the hybrid 28th National Conference of the Association of Medical Biochemists of India (AMBICON 2021), at AIIMS Raipur 3-5 Dec 2021
5. Attended the virtual session on updates on Cancer Diagnosis, organised by the Dept of Biochemistry, Lady Hardinge Medical College, New Delhi in collaboration with the Delhi State chapter of AMBI on 20 Nov 2021
6. Attended the virtual session focused on Building Resilient Digital Healthcare Ecosystem in new normal, organised by Tech Observer on 08 Oct 2021

7. Participated in the faculty development program on "Sample size calculation" organised by the Research Section, AIIMS Bhubaneswar on 25 Sep 2021
8. Attended the online CME programme on "COVID-19: An Endothelial Disease" organized by the Department of Biochemistry, SRM Medical College Hospital and Research Centre, Potheri, Kattankulathur, Chengalpattu District, held on 24 Sep 2021
9. attended the webinar "Full Spectrum Flowcytometry: The true way of doing flowcytometry", organised by Dept of Biochemistry, AIIMS Raipur on 24 Sep 2021.
10. Participated in the 1st Research Day poster competition on the 9th Annual Day of AIIMS Bhubaneswar and presented a poster titled "Folic acid and Vitamin B12 supplementation in subjects with type 2 diabetes mellitus: a multi-arm randomized controlled clinical trial" on 21 Sep 2021.
11. Participated in the virtual Medical Education Conference "MEDUCON 2021" organized by the Department of Medical Education, JIPMER, Puducherry in association with the Alumni Association of NTTC JIPMER (AANJ) on 2-3 Sep 2021
12. Participated in the virtual faculty development program on "Research Methodology and basic Biostatistics" organised by the Research Section, AIIMS Bhubaneswar on 17-18 Jul 2021

Dr Prakruti Dash

1. Attended 11th AMBICON 2022 Odisha State Chapter held at MKCG Medical College and Hospital, Berhampur on 6 Mar 2022. Presented a paper "Prevalence of sub-clinical hypothyroidism in pregnancy and its association with anti-thyroperoxidase antibody and occurrence of gestational diabetes mellitus
2. Attended ACBICON 2021 from 12-15 Dec 2021 held in Hybrid mode at Kolkata. Presented a paper "Nanocurcumin in oral squamous cancer cells and its efficacy as a chemoadjuvant". Participated in pre-conference workshop on Flow Cytometry.
3. Attended AMBICON 2021 at AIIMS, Raipur from 2-5 Dec 2021. Presented a paper "Awareness about routine laboratory investigations amongst Type 2 Diabetes mellitus patients and its impact on their disease status". Participated in pre-conference workshop on "Indirect Fluorescence workshop". Chaired an Invited Faculty presentation session.

Dr Suchitra Kumari

1. Attended AMBICON 2022 state chapter at MKCG Medical College on 6 Mar 2022 and had a scientific faculty paper presentation on "Lysyl Oxidase G473A polymorphism in epithelial ovarian cancer" patients.
2. Attended 28th National annual conference of Association of Medical Biochemists of India at AIIMS, Raipur from 2-5 Dec 2021. Chaired a Scientific free paper session and adjudged in scientific poster presentation by post graduate students.
3. Attended and had a scientific Poster presentation 47th Annual conference of Assoc. of Clinical Biochemists of India from 12-15 Dec 2021 on virtual mode.
4. Attended National CME on "Quality service in Laboratory Diagnostics" on virtual mode, conducted by dept. of Biochemistry, KIMS, BBSR on 25 Sep 2021,

Dr Gautom Kumar Saharia.

1. Attended the Continuing Medical Education webinar on "HPLC - Basic Principles & Applications-Newborn Screening & Vitamin Analysis" organized by Department of Biochemistry, ESIC Medical College and Hospital, Sanathnagar, Hyderabad on 8 Jan 2022.
2. Attended the 47th Annual Conference of Association of Clinical Biochemists of India (ACBICON2021) conference held on Hybrid mode from 12- 15 Dec 2021 at Kolkata and presented scientific paper.
3. Attended the 13th Annual Conference-cum-Workshop of The Cytometry Society, India TCS-2021 from 29-30 Oct 2021 at PGIMER, Chandigarh and presented scientific paper.
4. Attended the Faculty development program (FDP) on "Sample size calculation" organised by the Research Section, AIIMS Bhubaneswar on 25 Sep 2021.
5. Attended the Faculty development program (FDP) on "Research Methodology and basic Biostatistics" organised by the Research Section, AIIMS Bhubaneswar on 17-18 Jul 2021.

PATIENT CARE / HOSPITAL SERVICES

The Department provides 24 x 7 diagnostic support. Laboratory investigations of serum biochemical and immunological parameters are the major mandate of this laboratory. Through the hospital information system (HIS), approve results of tests were readily available in the wards and O.P.D. The Department's clinical laboratory offered about fifty test parameters for routine clinical work up and reported 13,60,663 tests of patients during Apr 2021 to Mar 2022.

Special laboratory facility: A Newborn Screening Unit for metabolic disorders is running under Dr Gautam Kumar Saharia. The unit is at present reporting for 5 metabolic disorders viz. congenital hypothyroidism, congenital adrenal hyperplasia, G6PD deficiency, Galactosemia and Biotinidase deficiency and a total no. of 5220 tests reported from 01 Apr 2021 to 31 Mar 2022.

AWARDS, HONOURS & SIGNIFICANT EVENTS

Dr Manaswini Mangaraj

1. Appointed as UPSC Advisor in the Interview Board for the post of Specialist Grade-III Asst. Professors in Biochemistry from 25-28 Oct 2021 at New Delhi.
2. Subject expert of Project Review Committee (PRC) on Biochemistry at ICMR New Delhi on 18 Aug, 17 Sep, 3-5 Mar 2022 and 14 Mar 2022 on online platform.
3. State Representative of Association of Clinical Biochemists of India.

Dr Balamurugan Ramadass

1. Guide for 5 Doctoral candidates, 3 Part-time PhD Candidate (Internal Candidates)
 - a. Dr Priyadarshini Mishra, Associate Professor Physiology, topic approved by Doctoral committee
 - b. Dr Saurav Sarkar, Associate Professor ENT, topic approved by Doctoral committee.
 - c. Dr Vinay Hallur, Associate professor Microbiology.
 - d. Ms. Shiwani Agarwal, CSIR-JRF
 - e. Mr. Rohan Roy, DBT-JRF
2. In-Charge Clinical Biochemistry Laboratory.
3. Team Leader, CCMR: Establishing a Centre of Excellence for Clinical Microbiome Research (CCMR), [ref: AIIMS/BBSR/Estt/Gen, (Pt.1) (Pt. file)/263. Dated 15.05.2020] with an approved infrastructure grant of 22.58 crores.
4. Secretary, Medical Education unit.
5. Secretary, PhD Monitoring Committee
6. Member, Institute Research Cell
7. Member, Institute Ethics committee
8. Member, Core Committee for Capacity Building for COVID-19 testing
9. Member, IBSC-IITBBS.
10. Co-Guide for Dr Prajna Anirvan, DM Resident, Dept. of Gastroenterology, SCB Medical College, Cuttack. Titled "A comparative study of Genotyping, Gut Microbiome and Metabolic patterns in 'Lean NAFLD' and 'Obese NAFLD' patients."
11. Technical committee, Nanomaterials Research for environmental and healthcare applications (NREHA) Conference, 27-28 Aug2020. Adjudged the poster sessions and manuscripts received for publication in "Materials Today Proceedings".
12. Evaluated Doctoral thesis "Assessing CD8+T lymphocyte responses in Rheumatoid Arthritis"- KIIT University.
13. Organized Panel discussion on "Authorship issues in Medical research" on 10/12/2020.
14. Organized Panel Discussion on "Whether research should be a Mandatory component of the APS" on 7th Jan 2021.

Dr Suchanda Sahu

1. Editorial Board Member for International Journal of Science and Medical Research (IJSMR)- Editorial Board Members (National Level) since Feb 2021
2. Reviewer for International Journal of TROPICAL DISEASE & Health. This journal is indexed in US National Library of Medicine (NLM) Catalogue.
3. Thesis Reviewed for MD Biochemistry for West Bengal University of Health Sciences, India
4. Member, Annual Report Committee 20-21, AIIMS, Bhubaneswar
5. Member, Selection Committees for recruitment of SR, JR, tutors Extramural project staff, AIIMS, Bhubaneswar
6. Enrolled in SOA University, Curriculum Committee for MBBS and MD as subject matter experts for Academic activities

Dr Debapriya Bandyopadhyay

1. He is the nodal officer of AIIMS Bhubaneswar for All India Survey of Higher Education (AISHE), under the Ministry of Human Resource Development, Govt of India.

Dr Prakruti Dash

1. Awarded with Best Faculty paper in Senior category in 11th AMBICON 2022 Odisha State Chapter held at MKCG Medical College and Hospital, Berhampur on 6th Mar 2022
2. PG student under guidance received the ICMR thesis grant of Rs. 50,000/- vide Letter no.3/2/Dec-2021/PG –thesis-HRD (16)

Dr Suchitra Kumari

1. Elected as Editorial Board member of Asia Pacific Journal of Cancer Biology.
2. Awarded with "Best Faculty Paper" prize in Senior category on 11th AMBICON Odisha state Chapter 2022, MKCG Medical College, Berhampur.
3. Scientific presentation by Dr Aalia Tehseen got 1st prize in the 11th AMBICON Odisha state Chapter under guidance of Dr Suchitra Kumari.
4. MD Thesis adjudicator and question Paper setter at West Bengal University of Health Sciences.
5. Question Paper Setter to: National Board of Examination, New Delhi
6. Member Secretary of Internal Complaint Committee AIIMS, Bhubaneswar.

Dr Gautom Kumar Saharia.

1. Has been awarded with life membership of the National Academy of Medical Sciences (NAMS).
2. Has been awarded with life membership of The Cytometry Society of India.

BURNS & PLASTIC SURGERY

FACULTY

Associate Professor & HOD	Dr Sanjay Kumar Giri
Associate Professor	Dr Sunil Kumar Rout
	Dr Ranjit Kumar Sahu
	Dr Santanu Suba
Assistant Professor	Dr Mainak Mallik

HIGHLIGHTS

The department of Burn & Plastic Surgery started functioning from 22 Aug 2016. Since then the department is actively involved in patient care services, teaching MBBS, B Sc Nursing, MS (General Surgery) students of this institute. Since Jul 2018, M Ch course started in the department and two students currently undergoing training in the subject. The faculties of the department have started performing advanced surgical procedures (Microvascular reconstruction, Brachial Plexus Reconstruction, Craniofacial Surgery) successfully which can be considered the hallmark of any established plastic surgery unit. Establishment of a Minor OT in the OPD complex contributed immensely to the number of surgical procedures being performed by this specialty. The department has signed MOU with two external agencies National Thermal Power Corporation (NTPC) & Smile Train, to avail financial support for treatment of Burn patients and cleft lip & Palate patients respectively. The department is also involved in various research activities in the form of individual research projects as well as Dissertations. On 19th Nov 2019 a dedicated ward with 26 beds of Plastic Surgery was inaugurated by honourable Director Madam and department got its independent ward for better patient care. The state-of-the-art Burn Unit is on the verge of completion and expected to be functional very soon. The department is also conducting Cleft clinic on every Monday from 1500 to 1700 hrs and Hand clinic on every Tuesday from 1430 to 1630 hrs.

EDUCATION

The Department is involved in teaching MBBS, MS (General Surgery), MCh (Plastic & Reconstructive Surgery), BSc Nursing, BSc (OT and AT) students at present.

CONFERENCES/CME/ WORKSHOP ATTENDED&LECTURE DELIVERED/ PAPER PRESENTED

Dr Sanjay Kumar Giri

1. Attended One Week Online Basic Course on Biomedical Research from 21-27 Apr 2021.
2. Attended Smile Train Programme for cleft lip and palate patient on 10 Apr 2021.
3. Attended webinar on Vascular Anomalies by APSI accredited CME on 24 Apr 2021.
4. Attended and organised a talk in AIIMS Bhubaneswar on Lymphoedema by Mrs Gogia on 28 Apr 2021.
5. Was a internal Examiner for First Mch exam of Burns and plastic surgery from 03-04 May 2021.
6. Attended Recent advances in Head and Neck Reconstruction APSI CME on 15 Jun 2021.
7. Attended First Webinar of APRASO organized by Dept of plastic surgery AIIMS Bhubaneswar on 03 Jul 2021.
8. Attended JIPMER SUSRUTA Oration on 15 Jul 2021.
9. Attended workshop & CME on role of regenerative medicine in plastic surgery by JIPMER& APRASO on 16 Jul 2021.
10. Attended wound management series on Burn; infection management on 24 Jul 2021.
11. Attended virtual conference of 44th Annual conference of ISSH from 06-07 Aug 2021.
12. Attended APSI CME General principles & Basic sciences on 8 Aug 2021.
13. Attended Online faculty development program on Creative thinking conducted by JIPMER & MEU AIIMS Bhubaneswar from 12-14 Aug 2021.
14. Attended A TO Z FLAP COURSE on virtual platform on Flap Groin Region on 14 Aug 2021.
15. Attended wound management series on Burns, Strategies and Guidelines in Burn wound care on 21 Aug 2021.
16. Attended Hand surgery day celebrate by organizing Webinar by APRASO, AIIMS Bhubaneswar, ASI Odisha state chapter on Topic Management & Prevention of HAND injuries on 23 Aug 2021.

17. Attended MEDUCON 2021 organized by JIPMER from 02–03 Sep 2021.
18. Attended IAAPS course on Body contouring from 05–06 Sep 2021.
19. Attended APSI accredited CME Brachial plexus injury on 25 Sep 2021.
20. Attended 55th Annual conference of APSICON on virtual platform from 22 - 24 Oct 2021.
21. Attended Midterm CME NABI in virtual platform from 06-07 Nov 2021.
22. Attended OSASICON in shanti Hospital from 12-14 Nov 2021.
23. Attended APSI Module on 13 Nov 2021.
24. Attended Asia Pacific Burn Injuries on Virtual platform on 09 Dec 2021.
25. Attended Medical Camp at Chandaneswar conducted by AIIMS from 01–02 Jan 2022.
26. Attended ISRM in Virtual Platform. Experience of microvascular cases in new setup in AIIMS Bhubaneswar and chairing session in upper extremity microvascular reconstruction A to Z Flap APSI Module 6 on Local Flaps from 07-09 Jan 2022.
27. Presented Management of PBC neck in our Centre Faculty talk "Role of MSAPF in PBC knee" Chairing session in NABICON
28. Attended APSI Module 7 Burns management on 12 Mar 2022.
29. Attended as Organizing secretary 8th APRASOCON 2022 in SCB Medical College Cuttack Started Quiz and Best Paper Competition from 26-27 Mar2022.

Dr Sunil Kumar Rout

1. Attended two weeks online patent information course organised by Turnip Innovations pvt ltd. From 12 – 26 May 2021.
2. Attended One week online training program on statistical data analysis using SPSS organized by Science Tech Institute, Lucknow from 21 – 27 May 2021.
3. Attended Patent Opposition and Litigation Masterclass organised by Turnip Innovations pvt ltd. On 28 May 2021.
4. Attended Interactive workshop on virtual platform on Clinical Audit organised by National Accreditation Board For Hospitals And Healthcare Providers 06 Jun 2022.
5. Attended Webinar on New Horizons for Distraction Osteogenesis in Mandible & Posterior Cranial Vault, 2021 organised by AO CMF. on 22 Jun 21,
6. Attended Interactive workshop on Virtual platform on Good Clinical Trial Practices (GCP) organised by National Accreditation Board For Hospitals And Healthcare Providers on 26 Jun2021.
7. Attended the webinar of APRASO on 4 Jul, 2021.
8. Attended One Week Online National Workshop On Time Series Analysis & Biostatistics organized by Science Tech Institute, Lucknow. From 12 – 18 Jul, 2021
9. Attended 3rd Indo Oncology Summit, (Pannelist in - Locally Advanced Oral Cancer), from 24 - 26 Sep 2021
10. Attended On line tutorial on - Use of DRM and NPWT in burn wounds, organised by NABI on 03 Oct 2021.
11. Attended APSICON 2020-21, and presented paper (Aesthetic outcome of cleft lip repair with use of tissue adhesive as opposed to suture for skin closure – A retrospective comparative study) from 22-24 Oct 2021.
12. Attended APSI CME - Module 5 : Maxillofacial Trauma on organised by APSI on 13 Nov 2021.

Dr Ranjit Kumar Sahu

1. Attended Faculty Development Program (Research Methodology and Basic Biostatistics) by AIIMS Bhubaneswar on 17-18 Jul 2021
2. Attended APSICON in virtual platform at Delhi from 22-24 oct 2021.
3. Attended NABICON in virtual platform at Mumbai from 21-23 Jan 2022.

Dr Santanu Suba

1. Attended wound management series on Burn; infection management on 24 Jul 2021.

2. Attended virtual conference of 44th Annual conference of ISSH from 06-07 Aug 2021.
3. Attended APSI CME General principles & Basic sciences on 8 Aug 2021.
4. Attended Online faculty development program on Creative thinking conducted by JIPMER & MEU AIIMS BHUBANESWAR from 12-14 Aug 2021.
5. Attended A TO Z FLAP COURSE on virtual platform on Flap Groin Region on 14 Aug 2021.
6. Attended wound management series on Burns, Strategies and Guidelines in Burn wound care on 21 Aug 2021.
7. Attended Hand surgery day celebrate by organizing Webinar by APRASO, AIIMS Bhubaneswar, ASI Odisha state chapter on Topic Management & Prevention of HAND injuries on 23 Aug 2021.
8. Attended MEDUCON 2021 organized by JIPMER from 02-03 Sep 2021.
9. Attended IAAPS course on Body contouring from 05-06 Sep 2021.
10. Attended APSI accredited CME Brachial plexus injury on 25 Sep 2021.
11. Attended 55th Annual conference of APSICON on virtual platform from 22-24 Oct 2021.
12. Attended Midterm CME NABI in virtual platform from 06-07 Nov 2021.
13. Attended OSASICON in shanti Hospital from 12-14 Nov 2021.
14. Attended APSI Module on 13 Nov 2021.
15. Attended Asia Pacific Burn Injuries on Virtual platform on 09 Dec 2021.
16. Attended Medical Camp at Chandaneswar conducted by AIIMS from 01-02 Jan 2022.
17. Attended ISRM in Virtual Platform. Experience of microvascular cases in new setup in AIIMS Bhubaneswar and chairing session in upper extremity microvascular reconstruction A to Z Flap APSI Module 6 on Local Flaps from 07-09 Jan 2022.
18. Presented Management of PBC neck in our Centre Faculty talk "Role of MSAPF in PBC knee" Chairing session in NABICON
19. Attended APSI Module 7 Burns management on 12 Mar 2022.

Dr Mainak Mallik

1. Attended as a delegate and presented a paper in free paper session "Bilateral Keystone perforator Flaps Resembling "Sliced Watermelon" – a Novel Way to Reconstruct the Buttock and Natal Cleft." Annual Conference of The Association of Plastic Surgeons of West Bengal, 2021 on 3 Apr 2021
2. Attended and participated as a delegate. A to Z of Perforator Flaps (Virtual Live Course), Endorsed by Association of Plastic Surgeons of India on 10 Apr 2021.
3. Attended and participated as a delegate. One Week Online Training Program on Statistical Data Analysis using SPSS Software, organized by SCIENCE TECH INSTITUTE, Govt. of U.P on 21-27 May 2021.
4. Attended and participated as a delegate. A to Z of Gracilis Flaps (Virtual Live Course), Endorsed by Association of Plastic Surgeons of India on 10 Jul 2021.
5. Attended and participated as a delegate. Faculty Development Program at AIIMS Bhubaneswar. (Research Methodology and Basic Biostatistics) on 17-18 Jul 2021.
6. Attended and participated as a delegate. A to Z of Flap from Foot (Virtual Live Course), Endorsed by Association of Plastic Surgeons of India on 11 Sep 2021.
7. Attended and participated as a delegate. APSI accredited CME on Brachial Plexus Injury, Teleseminar on 25 Sep 2021.
8. Attended as a delegate and presented a paper on "Back to Basics – The best approach in reconstructive surgery to tide over the COVID pandemic crisis" APSICON 2020-21 (Annual Conference of Association of Plastic Surgeons of India, Virtual Conference) on 22-24 Oct 2021.
9. Attended and participated as a delegate. Mid-term Hybrid CME of National Academy of Burns, India. (NABI) on 6th to 7 Nov 2021.
10. Attended and successfully completed the six-hour required course. Good Clinical Practice (NIDA Clinical Trials Network, USA) on 9 Jan 2022.

11. Attended and participated as a delegate. Module-6, LOCAL FLAPS, APSI accredited CME (online) on 15 Jan 2022.
12. Attended and participated as a delegate. APSI accredited CME on Burns Management, Teleseminar on 12 Mar 2022.
13. Attended, presented a case report in a free paper session. Annual Conference of Association of Plastic Surgeons of West Bengal (APSWB) on 26-27 Mar 2022.
14. Attended as a delegate and faculty. Annual Conference of Association of Plastic Reconstructive & Aesthetic Surgeons of Odisha (APRASO) on 26-27 Mar 2022.

PATIENT CARE / HOSPITAL SERVICES

1. OPD (5 days)
2. Minor OT (5 days)
3. Major OT (5 days)
4. Indoor patient services (26 Beds).
5. Emergency services to casualty and Referral services of other departments.
6. Cleft clinic.
7. Hand clinic



Plastic Surgery Day Celebration



Upcoming Burn Unit



Special Hand Clinic

CARDIOLOGY

FACULTY

Associate Professor	Dr Ramachandra Barik
Associate Professor	Dr Debasish Das

HIGHLIGHTS

The Department of Cardiology of AIIMS Bhubaneswar provides comprehensive cardiac care to the people of Odisha, West Bengal, Chhattisgarh, and other States. The care spectrum includes both preventive and intensive clinical care to both children and adult. In the current shape, the cardiology Departments provide angioplasty, pacemaker implantation, structural intervention and advance care to the heart failure with support of regular outpatient care, in patient care and emergency care including primary angioplasty.

The Department has own catheterization Laboratory, 30-bed ward, 7-bed ICU, 3D echo machine, TMT machine and Holter machine, stress myocardial perfusion test facility and onsite cardio-vascular surgery support. The Department is already running DM cardiology course from 2016, imparting training to 2 students/year and also going to start a 2 year post-graduation course in Cardiovascular Technology.

EDUCATION

The Department participated in regular teaching to the MBBS, MD, MS, Mch, BSc and MSc nursing students as per schedule in addition to the regular teaching to the own DM students. Induction training programme of the freshly joined MBBS doctors in the state Govt services are done on regular basis. The Department performs various public awareness programs on World Heart Day and other occasion CME.

CONFERENCES/CME/ WORKSHOP ATTENDED&LECTURE DELIVERED/ PAPER PRESENTED

Dr Ramachandra Barik

1. Best of ACC Cardiovascular Medicine virtual conference, Organized by American College of Cardiology, 24-26 Jul 2021
2. TCT Connect Transcatheter Cardiovascular Therapeutics: Online, Organized by Cardiovascular Research Foundation, 14-18 Oct 2021 and presented paper/Poster Titled: "Stenting of completely occluded aorta iliac bifurcation".
3. Participated in the ACC's Clinical Trial Research in Cardiology for the year 2021-22.

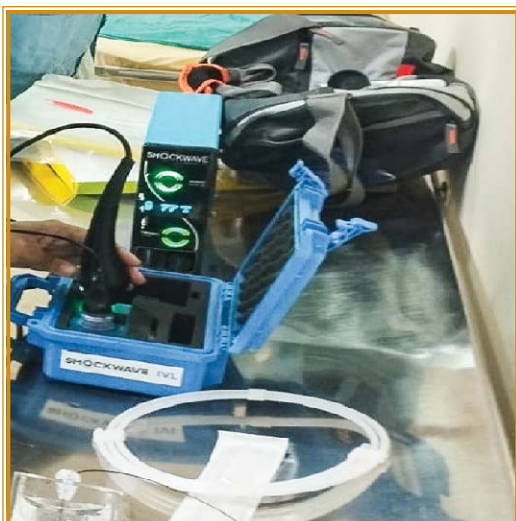
PATIENT CARE / HOSPITAL SERVICES

1. OPD consultation: 6000/Month[Including ECHO,ECG,TMT,TEE,HOLTER]
2. IPD: 300/Month
3. Cardiac intervention (Coronary, Electrophysiology and structural, paediatric) : 300/Month
4. Special clinic: Hypertension and congenital heart disease

AWARDS, HONOURS & SIGNIFICANT EVENTS

Dr Ramachandra Barik

1. Fellowship of American College of Cardiology (ACC)
2. Fellowship of Society of Catheter Cardiovascular Intervention (SCAI)
3. Professional member of European Society of Cardiology
4. Academic graduate from Publons Academy/Web of Science
5. Editorial board member of World Journal of Cardiology
6. Editorial Board World Journal of Clinical cases
7. Reviewed more than 600 manuscripts for very impact journals like Indian Heart Journal, Catheter cardiovascular intervention, Cardiology for the Young, Indian Paediatrics, Clinical case reports, World Journal of Cardiology, Asian annals etc.



Intravascular lithotripsy training to DM students



Continuous Medical Education with DM students and invited guests



Heart failure research team



Inauguration of 7 bed ICU



World heart day celebration for public awareness



Visiting other institute as an expert

CARDIOTHORACIC VASCULAR SURGERY

FACULTY

Associate Professor & HOD -I/C	Dr Satyapriya Mohanty
Associate Professor	Dr Siddhartha Sathia
Assistant Professor	Dr Rudra Pratap Mahapatra

HIGHLIGHTS

The Cardiothoracic Department of AIIMS Bhubaneswar become functional after joining of three faculty member in Jan 2018. From 10 Jan 2018 onwards, the Department is running full time OPD on all functional week days. The Department started its Open Heart surgery programme by using Cardiopulmonary Bypass in the 2018. The Department has developed its own independent units of Preoperative ward (On 10th Aug 2018) & Intensive care ICU well equipped with all the latest modern days instruments and Equipment. It is involved in teaching and training of MBBS, Postgraduates of General surgery stream, MSc CTVS Nursing, DM (Cardiology) and MCh (CTVS) students. The Department frequently interdepartmental meeting conduct in collaboration with the department of Cardiology, Cardiac Anaesthesia, Radiology, Surgical Anatomy for all the Prepared Cardiothoracic and Vascular cases before final taking onto the Operation table. It is actively involved with the department of Cardiology in their ongoing pilot research project of Heart Failure. At present the CTVS department is routinely doing the Adult Open Heart Surgeries (Like Mitral Valve Replacement, Aortic Valve Replacements, Double Valve Replacements, Bentall's Procedure etc) Congenital Heart Surgeries (ASD Closure, VSD Closure, ICR for TOF etc), Thoracic Surgeries (Lile Decortications, Lobectomies, Eventration Repair etc), Vascular Surgeries (like Peripheral Bypass Grafting's, Varicose Vein Stripping etc) & Conducting emergency Cardiac Surgeries on patients attending trauma and emergency department to saving vital lives. From 01 Apr 2021 till 31 Mar 2022 the CTVS Department has seen 2816 OPD cases (1358 Adult Cardiac cases, 611 Adult Thoracic cases, 482 Adult Vascular Cases, 365 Paediatric Cardiac Surgery case), Admitted 211 cases in CTVS Ward Admitted 295 cases in CTVS ICU, Operated 161 cases (128 Adult Cardiac Cases, 14 Adult Thoracic cases, 19 Adult Vascular surgery cases).

EDUCATION

At present the department is involved in training of Postgraduate Surgery Students posted on rotation basis to various Super speciality department, training of MSc CTVS Nursing student and MCh (CTVS) students as per the Course Curriculum provided by the AIIMS Bhubaneswar.

COLLEGE OF NURSING

FACULTY

Professor cum Principal	Dr Asha P Shetty	Tutor / Clinical Instructor	Ms. A Serma Subathra
Associate Professor	Dr Renju Sussan Baby		Mrs. Harpreet Kaur
	Dr Mariamma V George		Mr. Anoop S Nair
	Dr L Anand		Mr. Arunkumar Kasturi
	Dr Smitha MV		Mrs. Sandhiya K
Assistant Professor	Mrs. Dharitri Swain		Mrs. Sasmita Panigrahi
	Mr. Nandakumar P		Mrs. Indumathi P
	Mrs. Shyama Devi		Mr. Rakesh VR
	Mrs. Hepsi Bai J		Mrs. Priyadarshini T
	Mrs. Nadiya Krishnan		Mrs. Suchismita Sahoo
	Mrs. Geetarani Nayak		Mr. Jahir Hussain
	Dr Mahalingam V		Mr. Shine Stephen
Tutor / Clinical Instructor	Mr. Alwin Issac		Mr. Azhar SM
	Mr. Sam Jose		Mrs. Kalaivani H
	Mr. Vijay VR		Ms. Malini Digal
	Mrs. Mamata Das		Ms. Rekha Parida
	Mrs. Sujata Mohapatra		Mr. Karthick M
	Ms. Manjula Kumari Nayak		Ms. Rahmita Tigga
	Mr. Jaison Jacob		Ms. Bhanuprava Mallick
	Ms. N. Sadhana Priyadarshani		

HIGHLIGHTS

College of Nursing, AIIMS Bhubaneswar stepped into 9th year in 2021 since its inception. The College welcomed the 9th batch of BSc (Hons) Nursing and 4th Batch of MSc Nursing programs in 2021. In Aug 2021, 5th Batch of BSc (Hons) Nursing and 2nd batch of MSc Nursing has completed the nursing programs successfully. The College of Nursing takes pride in announcing that we have 100% job placement for MSc Nursing students and 71.3% for BSc Nursing students, rest being perusing MSc Nursing at INIs. The College has always been at upfront to empower nursing services. Along with faculty, tutors, senior nursing officers and MSc Nursing students, College of Nursing has organized webinars, hands-on workshops, COVID training programs, induction training program and CNEs for nursing officers. The nursing faculty were actively engaged in collaborating with Tele-nursing services. Several approved intramural and collaborative research projects are ongoing, completed and published. At the community level, faculty and students volunteered to participate in observance of ORS day, Breastfeeding week, newborn week and Mental Health week. The Department also regularly observes International Nurses day, Anti-terrorism day, NSS day, Vigilance awareness week and Constitution day. Mini Auditorium was inaugurated on 25 Nov 2021 after renovation.

EDUCATION

The students started the academic session with regular classroom teaching. Following the guidelines of GOI, teaching learning activity was carried out virtually whenever necessary. College has implemented the revised curriculum for undergraduates and postgraduates from the year 2021. As per the curriculum requirements, the students were posted in hospital at AIIMS Bhubaneswar and rural & urban areas of community. Students' learning is evaluated by formative and summative assessment. First Aid training was given to the undergraduate nursing and MBBS students.

PATIENT CARE/HOSPITAL SERVICES

Principal, College of Nursing has taken up the additional responsibility as Chief Nursing Officer, AIIMS Hospital, two faculty Member as Nursing Superintendent and three tutors as Deputy Nursing Superintendent. They also have actively contributed in patient care during COVID 19 pandemic particularly in PPE surveillance, direct patient care, teaching and training and counselling the patient attendants and telenursing services. Several research projects have been undertaken focusing improvement in patient care and quality improvement. Students have been involved in direct patient care under the supervision of tutors and faculty. Continuing Nursing Education Committee regularly conducts training sessions for nursing officers.

CONFERENCES/CME/ WORKSHOP ATTENDED&LECTURE DELIVERED/ PAPER PRESENTED**Dr Asha P Shetty**

1. Chairperson in International Virtual Conference SPNCPN 2022 on 'Pandemic and Perioperative Nursing Practice' by College of Nursing, AIIMS, Jodhpur from 24-25 Mar 2022.
2. Presented Keynote Address at National Nursing Virtual Conference on 'Resilience and Reinvention in Nursing Education, Practice and Research towards Excellence' by SRM College of Nursing in association with Society for Nursing Practices on 10-11 Feb 2022.
3. Organised workshop on 'Preparation for management of COVID-19 among children' organised by College of Nursing in collaboration with Department of Paediatrics and Department of Neonatology from 1-9 Sep 2021.
4. Resource person in 6th webinar on 'Empowered Nurses to empower nurses' organised by Trained Nurses Association of India on 24 Jul 2021.
5. Chairperson for the virtual session on 'Management of Diabetic Ketoacidosis' at International Nursing Diabetes and Endocrine Conference on 19-20 Jun 2021.
6. Attended workshop on 'Online open book examination' organized by MEU, AIIMS, Bhubaneswar on 19 Jun 2021.
7. Organized one-week Virtual Induction Training of newly recruited nursing officer through NORCET from 3-7 May 2021.
8. Organized workshop on 'Crash cart' for nursing officers from 12-15 May 2021.
9. Facilitated Critical care nursing workshop for nursing officers organised by college of Nursing with Nursing service unit, Department of Anaesthesia and Jhpiego from 28-29 Apr 2021 and was a resource person for a session on 'infection control practices'
10. Resource person for 12 sessions on topic "evidence-based new-born care and management of complications" for strengthening midwifery education organised by INC and UNFP from May 2021 to Feb 2022

Dr Renju Sussan Baby

1. Resource person for the international virtual conference on 'Behavioural addictions and substance use disorders' organized by DGHS, Nursing division, MOHFW, GOI from 28-29 Jan 2022.
2. Attended 30 days International Online Workshop on 'Academic Writing and Communication Skills, Research Methodology, Reference Management, and Academic Publishing' from 23 Dec 2021 to 23 Jan 2022.
3. Resource person for the symposium at 1st National Conference of Addiction Psychiatry Society of India 'ADDICON 2021' organised from 10-11 Dec 2021.
4. Attended a webinar on 3rd COVID wave preparedness among nurses organized by DGHS and GOI Nursing division, MOHFW on 4 Sep 2021.
5. Resource person for the symposium on 'Challenges in recovery from substance use disorder: role of nurses' in the Asia pacific hybrid congress on world association of social psychiatry organized by AIIMS, New Delhi from 16-18 Sep 2021.
6. Moderator for skit on webinar "Role of nutrition in physical and mental health: policy towards plate' towards celebration of POSHAN month on 25 Sep 2021.
7. External subject expert for the staff selection committee for the recruitment of Assistant Professor in psychiatric nursing at IBHAS, New Delhi through virtual mode on 29 Sep 2021.
8. Panellist for the webinar on international day against drug abuse and illicit drug trafficking organized by GOI, Nursing division, MOHFW on 26 Jun 2021.
9. Attended the SUD TOT programme on 'tobacco cessation training for nurses' organised from 14-17 Jun 2021.
10. Facilitated workshop for nursing officers organized by MSc Nursing students in Apr 2021 and was a resource person for the session on 'nursing documentation'.

Dr Mariamma V George

1. Resource Person for Workshop for Nursing officers on Unit management - Clinical Supervision Conducted by College of Nursing AIIMS, Bhubaneswar and funded by Ministry of Health and Family Welfare, Nursing Division on 26 Feb 2022
2. Resource Person and moderator for Clinical Integration Need of the hour international conference conducted by College of Nursing AIIMS, Bhubaneswar on 21 Jan 2022

3. Resource Person for Workshop for Nursing officers on Unit management -Nursing Documentation College of Nursing AIIMS, Bhubaneswar on 7 Dec 2021

Dr Smitha MV

1. Attended workshop on 'Capacity building program for Midwifery Faculty: Module-2' organised by SGT University, Gurgaon from 21-25 Mar 2022.
2. Resource person for the session on 'Planned Parenthood' at Government College of Nursing, Berhampur, Odisha on 30 Jun 2021
3. Resource person for the webinar on "Investing in midwives at RR College of Nursing in collaboration with RGUHS, Bengaluru on 11 May 2021
4. Resource person for the webinar on 'Women's Reproductive Health: freedom to make choices' at Yenepoya College of Nursing, Mangalore, Karnataka on 28 May 2021

Mrs Dharitri Swain

1. Attended the virtual conference on "Synergizing Compassion in Maternal and Newborn Care: Promoting Equity, Sustainability and Quality" conducted by College of Nursing, AIIMS, Bhopal on 10 Mar 2022
2. Attended workshop on 'Capacity building program for Midwifery Faculty: Module-2' organized by SGT University, Gurgaon from 21-25 Mar 2022.
3. Resource person for a session on 'Need for an international clinical integration' in the International Virtual Conference on Clinical Integration: Need of the Hour conducted by College of Nursing, AIIMS, Bhubaneswar from 20-21 Jan 2022
4. Attended webinar on 'COVID-19 Preparedness for 3rd wave' organized by AIIMS, New Delhi on 17 Aug, 2021.
5. Presented research paper on 'Prevalence and risk factors of obstetric fistula: implementation of a need-based preventive action plan in a South-eastern rural community of India' in the 9th Foundation Day and 1st Research Day at AIIMS Bhubaneswar on 21 Jul 2021.

Mrs Shyama Devi

1. Participated in the webinar on bridging the knowledge gap for nurses organised by College of Nursing, AIIMS Delhi on 10 Mar 2022.
2. Participated as a Judge in 'Forensic nursing workshop' in the 4th International Conference of Forensic Odontology and child abuse in association with IAMLE held on 31 Jan 2022 organized by KGMU, Lucknow.
3. Completed the training on Qualitative Research Techniques organised by Odisha Social Science Research and Consultancy from 15 Jan 22 to 06 Mar 2022.
4. Participated in International E- conference on Behavioural Addictions and Substance use Disorders: current nursing practices organized by DGHS, GOI and DYPU-SON, Mumbai in collaboration with GU-GCN, Udaipur, Johns-Hopkins SON, RAKCON, DU, LGBRIMH, Tezpur, AZINA-USA & ECHO India on 28-29th Jan 2022.
5. Participated as moderator in the International Virtual conference on Clinical Integration: Need of The Hour" organized by College of Nursing, AIIMS, Bhubaneswar on 20-21 Jan 2022.
6. Attended thematic webinar on world breastfeeding week on theme: protect breastfeeding: a shared responsibility organised by resource centre for advancement on public health nutrition, Department of CMFM AIIMS Bhubaneswar in collaboration with UNICEF on 6 Aug, 2021.
7. Attended the nationwide training for capacity building of nursing professionals on management of covid-19 in children organised by DGHS in collaboration with ECHO India from on 12-13 Jul 2021.
8. Presented keynote session in online conference organized by TS Misra Nursing College on 'Impact of Covid-19 on Mental and Physical Health in Children and Adolescent' on 15-16 Jun 2021.
9. Delivered a session on Virtual Seminar on 'Promptness & Recognition for Covid Care' organised by Nursing College, UPUMS, Saifai on 28 May 2021.

Mrs Hepsi Bai J

1. Evaluator for the scientific paper presentation in the National Conference organised by SUM Nursing College, Bhubaneswar on 'Qualitative Research Methodology: Exploring the Innovative Spectrum' from 15-16 Mar 2022.

2. Participated in the virtual conference on "Synergizing Compassion in Maternal and New-born Care: Promoting Equity, Sustainability and Quality" conducted by Nursing College, AIIMS Bhopal & Society of Midwives India (SOMI), MP Chapter from 8-9 Mar 2022.
3. Presented e-concept poster on 'Promoting health equity and better new-born health outcomes through advanced neonatal practices' in the virtual conference conducted by College of Nursing, AIIMS, Bhopal on 10 Mar 2022.
4. Chairperson in the panel discussion on 'Dual role and responsibility: Tool for staff and student development' in the International virtual Conference on Clinical Integration: Need of the Hour conducted by College of Nursing, AIIMS, Bhubaneswar from 20-21 Jan 2022.
5. Presented an e-concept poster on 'Innovative practice/ideas for implementation of clinical integration' in the International Virtual Conference on Clinical Integration: Need of the Hour conducted by College of Nursing, AIIMS, Bhubaneswar from 20-21 Jan 2022.
6. Presented scientific paper on 'soft skill among nurses' in the International virtual Conference on Clinical Integration: Need of the Hour conducted by College of Nursing, AIIMS, Bhubaneswar from 20-21 Jan 2022.
7. Delivered lecture in the webinar on 'Breastfeeding in normal and Crisis situations' conducted by Kalinga Institute of Nursing Sciences, Bhubaneswar on 4 Aug 2021
8. Participated in the training of trainers (ToT) organized by the DGHS to build the capacity of the nurses to fight against the third wave of the CoVID pandemic from 5-6 Jul 2021
9. Presented research paper on 'Experiences of parents of children needing surgical care during the COVID pandemic: A qualitative study from Eastern India' in the 9th Foundation Day and 1st Research Day at AIIMS Bhubaneswar on 21 Jul 2021
10. Delivered lecture on 'Parental Support on COVID -19 Pediatric Patients' in the webinar organised by Odisha Nursing & Midwifery Council in collaboration with AIIMS Bhubaneswar from 5-7 Jul 2021.
11. Delivered lecture on 'Evidence-based practices and nursing research' for the newly recruited Nursing Officers conducted by Nursing department, AIIMS Bhubaneswar on 7 May 2021
12. Presented a case on "Hydrocephalus" organised by PNNFI as a part of capacity building programme on nursing care of a paediatric client through virtual mode on 27 Apr 2021.

Mrs Nadiya Krishnan

1. Evaluator of scientific poster presentation in International virtual conference on "Clinical integration – Need of the hour" conducted by College of Nursing, AIIMS Bhubaneswar from 20-21 Jan 2022
2. Resource person for the session on 'Curriculum Planning & Factors affecting curriculum' in 7-day workshop on 'Innovative Technological Approach to Transform Nursing Education and Practice' conducted by TNAI Odisha Branch in association with KINS, KIIT university from 24-30 Dec 2021
3. Attended Workshop on 'Online open book examination' organised by Medical Education unit, AIIMS Bhubaneswar on 18 Sep 2021
4. Resource person 'Impact of critical care environment on the patients and family and the dynamics of healing in critical care units' in the Webinar on 'Holistic care approach applied to critically ill patients in ICU' conducted by College of Nursing, Berhampur, Odisha on 27 Jun 2021
5. Resource person for the workshop on 'effective documentation' organised by College of Nursing, AIIMS Bhubaneswar on 10 Apr 2021
6. Attended and successfully passed 'Fundamental Critical Care Support (FCCS) Provider Course test' conducted by Society of Critical Care Medicine (SCCM USA) from 22-27 Apr 2021.

Mrs Geetarani Nayak

1. Participated in online training program on 'Qualitative Research methods' conducted by Odisha Social Science Research and Consultancy from 13 Jun 2021 to 31 Mar 2022.
2. Resource person for the session on 'Designing and developing Curriculum' conducted by KIIT deemed to be University, Bhubaneswar on 24 Dec 2021.
3. Attended webinar on 'COVID-19 Preparedness for 3rd wave' organised by AIIMS, New Delhi on 17 Aug, 2021.

4. Resource person for webinar on 'Challenges of Breastfeeding' organised by SOA deemed to be University, Bhubaneswar on 5 Aug 2021.
5. Resource person for webinar on 'Maintaining Body temperature in neonate and KMC' organised by Government ANM Training centre, Bhubaneswar on 5 Jul 2021.
6. Resource person for webinar on 'Multifaceted role of nurse educator' organised by Government GNM School of Nursing, Dhenkanal on 23 Jun 2021.
7. Resource person for webinar on 'Nurses: Past to present - A vision for future Health care' organised by KIIT deemed to be University, Bhubaneswar on 31 May 2021.
8. Attended one-week online training programme on 'Statistical data analysis using SPSS' organised by Science Tech Institute, Lucknow from 21-27 May 2021.

Dr Mahalingam V

1. Presented poster on 'Risk perception and preventive practice during COVID-19 pandemic among the general population' on 9th Annual Day & 1st Research Day at AIIMS Bhubaneswar on 21 Sep 2021.
2. Resource person for session on "Team work- Group Activity" and "Inventory Management" in training programme on 'Unit Management for Senior Nursing Officers' organised by College of Nursing, AIIMS Bhubaneswar from 6-12 Dec 2021.

Mr Alwin Issac

1. Attended International Virtual Conference on 'Clinical Integration: Need of the hour' organized by College of Nursing, AIIMS Bhubaneswar on 20-21 Jan 2022.

Mr Sam Jose

1. Attended 18th Training of Trainers programme on 'promotion of mental health of healthcare providers during the covid-19 pandemic' at central institute of psychiatry, Kanke, Jharkhand, India from 25-27 Oct 2021

Mr Vijay VR

1. Attended International Virtual Conference on 'Clinical Integration: Need of the hour' organized by College of Nursing, AIIMS Bhubaneswar on 20-21 Jan 2022.

Mrs Mamata Das

1. Attended International Virtual Conference on 'Clinical Integration: Need of the hour' organized by College of Nursing, AIIMS, Bhubaneswar on 20-21 Jan 2022.

Mrs Sujata Mohapatra

1. Attended international virtual conference on topic 'Clinical Integration: Need of the hour' organized by College of Nursing, AIIMS Bhubaneswar from 20-21 Jan 2022
2. Attended workshop on "Qualitative Methods in Health Research" organized by Department of Community Medicine and Family Medicine, AIIMS Bhubaneswar from 29-30 Nov 2021.
3. Delivered lecture on "Key role of CHO in maternal care" in webinar organized by Govt School of Nursing, Kandhamal, Odisha on 10 Jul 2021

Ms Manjula Kumari Nayak

1. Attended International Virtual Conference on 'Clinical Integration: Need of the hour' organized by College of Nursing, AIIMS Bhubaneswar on 20-21 Jan 2022.

Mr Jaison Jacob

1. Attended International Virtual Conference on 'Clinical Integration: Need of the hour' organized by College of Nursing, AIIMS Bhubaneswar on 20-21 Jan 2022.
2. Delivered a lecture on "Stop Anxiety from Stopping you" in National webinar organised by Raja Rajeswari College of Nursing, Bangalore, Karnataka on 14 Jul 2021.

Ms N. Sadhana Priyadarshani

1. Delivered lecture on "Growth and Development in 1000 days" in virtual CNE organised by ANM Training Centre, Baripada, Odisha from 14-15 Mar 2021.
2. Attended International Virtual Conference on "Clinical Integration: Need of the hour" organized by College of Nursing, AIIMS Bhubaneswar on 20-21 Jan 2022.

Mrs A Serma Subathra

1. Presented paper titled 'Haemodialysis Adherence, perceived stress and QOL of ESRD patients during COVID-19 Pandemic' in 8th National Virtual Conference on 'Embracing change & Transformation- Resilience & Reinvention in Nursing Education, Practice & Research towards Excellence organized by Bio leagues, SFNP, SRM IS&T, Chennai on 10-11 Feb 2022.
2. Successfully completed Psycho-Oncology Tele ECHO educational program (International Psycho-oncology Society) Jan-Jun 2022.
3. Presented paper on knowledge of chemotherapy's adverse effects and their self-care ability to manage - The cancer survivors' in Cancer Research Therapy International Webinar organised by INWCCRT, USA on 7-8 Oct 2021.
4. Attended National Webinar on 'Assault on health care workers-ways to overcome' in CME organised AIIMS, BIBI Nagar on 01 Jul 2021.
5. Attended webinar on caregivers' burden & during Covid-19 pandemic organised by John Hopkins University & CMC, Vellore on 16 Jul 2021.
6. Attended National Webinar on NAFLD population-level strategy for prevention, conducted by, ILBS, New Delhi & AIIMS Bhubaneswar on 30 Jun 2021.
7. Attended International Consortium on Advances in oncology Nursing Practices in a webinar on Haematology Oncology Updates 14 May 21.

Mrs Harpreet Kaur

1. Attended International Virtual Conference on 'Clinical Integration: Need of the hour' organized by College of Nursing, AIIMS Bhubaneswar on 20-21 Jan 2022.
2. Involved in training of nursing officers posted in COVID-19 units on crash care and ventilator management of COVID-19 Patients from May-Jul 2021.

Mr Anoop S Nair

1. Attended International Virtual Conference on 'Clinical Integration: Need of the hour' organized by College of Nursing, AIIMS Bhubaneswar on 20-21 Jan 2022.

Mr Arunkumar Kasturi

1. Attended International Virtual Conference on 'Clinical Integration: Need of the hour' organized by College of Nursing, AIIMS, Bhubaneswar on 20-21 Jan 2022
2. Attended workshop on 'Preparation for management of COVID-19 among children' organised by College of Nursing in collaboration with Department of Paediatrics and Department of Neonatology from 1-9 Sep 2021.
3. Attended workshop on 'Online open book examination" organized by MEU, AIIMS, Bhubaneswar on 19 Jun 2021
4. Attended workshop on 'Crash cart' for nursing officers from 12-15 May 2021
5. Organized one-week Virtual Induction Training of newly recruited nursing officer through NORCET from 3-7 May 2021

Mrs Sandhiya K

1. Attended International Virtual Conference on 'Clinical Integration: Need of the hour' organized by College of Nursing, AIIMS Bhubaneswar on 20-21 Jan 2022.

Mrs Sasmita Panigrahi

1. Delivered lecture on 'Planned parenthood & antenatal care' in webinar organized by Government ANM Training School, Baripada, Odisha on 14 Mar 2022.

2. Delivered lecture on 'First-Aid is for Everyone and Everywhere' in webinar organized by Government School of Nursing, MKCG, MCH, Berhampur on 3 Mar 2022.
3. Attended International Virtual Conference on 'Clinical Integration: Need of the hour' organized by College of Nursing, AIIMS Bhubaneswar on 20-21 Jan 2022.
4. Presented poster on topic 'The burden & contributing factors of psychological distress during COVID pandemic: Nationwide survey' at AIIMS, Bhubaneswar on 9th Annual and 1st research day on 21 Sep 2021.

Mrs Indumathi P

1. Attended International Virtual Conference on 'Clinical Integration: Need of the hour' organized by College of Nursing, AIIMS Bhubaneswar on 20-21 Jan 2022.

Mr Rakesh VR

1. Attended International Virtual Conference on 'Clinical Integration: Need of the hour' organized by College of Nursing, AIIMS Bhubaneswar on 20-21 Jan 2022.

Mrs Priyadarshini T

1. Attended International Virtual Conference on 'Clinical Integration: Need of the hour' organized by College of Nursing, AIIMS Bhubaneswar on 20-21 Jan 2022.

Mrs Suchismita Sahoo

1. Attended International Virtual Conference on 'Clinical Integration: Need of the hour' organized by College of Nursing, AIIMS Bhubaneswar on 20-21 Jan 2022.

Mr Jahir Hussain

1. Attended International Virtual Conference on 'Clinical Integration: Need of the hour' organized by College of Nursing, AIIMS Bhubaneswar on 20-21 Jan 2022.

Mr Shine Stephen

1. Attended International Virtual Conference on 'Clinical Integration: Need of the hour' organized by College of Nursing, AIIMS Bhubaneswar on 20-21 Jan 2022.

Mr Azhar SM

1. Attended International Virtual Conference on 'Clinical Integration: Need of the hour' organized by College of Nursing, AIIMS Bhubaneswar on 20-21 Jan 2022.

Mrs. Malini Digal

1. Attended International Virtual Conference on 'Clinical Integration: Need of the hour' organized by College of Nursing, AIIMS Bhubaneswar on 20-21 Jan 2022.
2. Attended online training program on "Dos and Don'ts in COVID – 19 Home Isolation" organised by the Regional Centre of Excellence, AIIMS, Bhubaneswar and Department of Health and Family Welfare on 24 Jun 2021.
3. Attended webinar on "Management of hyperglycaemia (Diabetes) in COVID – 19" organised by the Regional Centre of Excellence, AIIMS, Bhubaneswar and department of Health and Family Welfare on 22 Jun 2021.

Mrs Rekha Parida

1. Attended International Virtual Conference on 'Clinical Integration: Need of the hour' organized by College of Nursing, AIIMS Bhubaneswar on 20-21 Jan 2022.

Mr Karthick M

1. Attended International Virtual Conference on 'Clinical Integration: Need of the hour' organized by College of Nursing, AIIMS Bhubaneswar on 20-21 Jan 2022.

Mrs Rahmita Tigga

1. Attended International Virtual Conference on 'Clinical Integration: Need of the hour' organized by College of Nursing, AIIMS Bhubaneswar on 20-21 Jan 2022.

Ms Bhanuprava Mallick

1. Attended International Virtual Conference on 'Clinical Integration: Need of the hour' organized by College of Nursing, AIIMS Bhubaneswar on 20-21 Jan 2022.
2. Attended online training program on "Dos and Don'ts in COVID-19 Home Isolation" organised by the Regional Centre of Excellence, AIIMS, Bhubaneswar and Department of Health and Family Welfare on 24 Jun 2021.
3. Attended webinar on "Management of hyperglycaemia (Diabetes) in COVID-19" organised by the Regional Centre of Excellence, AIIMS, Bhubaneswar and department of Health and Family Welfare on 22 Jun 2021.

AWARDS, HONOURS & SIGNIFICANT EVENTS**Mrs Hepsi Bai J**

1. Received Best e-concept poster award in the virtual conference organized by Nursing College, AIIMS Bhopal & Society of Midwives India (SOMI), MP Chapter from 8-9 Mar 2022.

Mrs A Serma Subathra

1. Received First prize for poster Presentation on 'Awareness and practice of menstrual hygiene management among visually impaired adolescent girls- A pilot study using Braille method' at AIIMS Bhubaneswar on 9th Annual day and 1st research day on 21 Sep 2021.
2. Published youtube video in Odiya language on CON, AIIMS, Bhubaneswar Official website related to Patient education on self-care Lymphedema Upper arm bandages for breast cancer survivors
3. Involved in educating Breast cancer survivors suffering from Upper arm lymphedema about Complete Decongestive Therapy in collaboration with Department of Surgery and Department of Onco-surgery
4. Prepared I-COUGH - Pamphlet for Post-operative patient Education on I- COUGH practices in Odia, Hindi and English version in collaboration with Department of Surgery AIIMS, Bhubaneswar.

PATIENT CARE / HOSPITAL SERVICES

Principal, College of Nursing has taken up the additional responsibility as Chief Nursing Officer, AIIMS Hospital, two faculties as Nursing Superintendent and three tutors as Deputy Nursing Superintendent. They also have actively contributed in patient care during COVID-19 pandemic particularly in PPE surveillance, direct patient care, teaching and training and counselling the patient attendants and telenursing services. Several research projects have been undertaken focusing improvement in patient care and quality improvement. Students have been involved in direct patient care under the supervision of tutors and faculty. Continuing Nursing Education Committee regularly conducts training sessions for nursing officers.



ORS Day 2021 Observance by College of Nursing in collaboration with Department of Pediatrics and Department of Neonatology



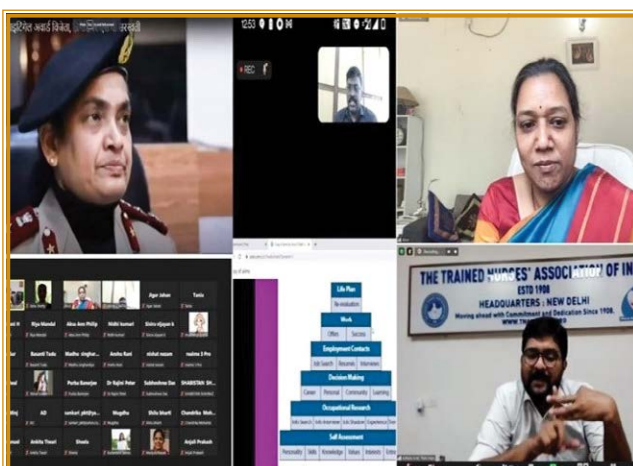
World Breastfeeding Week 2021 Observance by College of Nursing in collaboration with the Department of Pediatrics and Department of Neonatology



The Director, Medical Superintendent, Principal (CON), AIIMS Bhubaneswar welcomed Mr Achyutha Krishna Das Prabhuji, the Regional Head of The Akshaya Patra Foundation, Odisha on account of World Mental Health Day



Promotional Training Programme on 'Unit management' for Senior Nursing Officers funded by Ministry of Health and Family Welfare, Nursing Division



Webinar on 'Nursing Beyond Traditional Careers' for the fourth year BSc (Hons) Nursing students



International Virtual Conference on 'Clinical Integration: Need of the Hour'

COMMUNITY MEDICINE & FAMILY MEDICINE

FACULTY

Professor & Head	Dr Sonu H Subba		Dr Manish Taywade
Professor	Dr Binod Kumar Patro		Dr Prajna Paramita Giri
Additional Professor	Dr Swayam Pragyan Parida	Assistant Professor	Dr Priyamadhaba Behera
Associate Professor	Dr Binod Kumar Behera		Dr Abhisek Mishra
	Dr Arvind Kumar Singh		

HIGHLIGHTS

The Department's peripheral centers and special clinics collectively provided Outpatient Department (OPD) services to 1,84,910 patients/beneficiaries in the last year. The Department has been conducting COVID-19 screening OPD since the beginning of the pandemic and had screened 61,666 patients by the end of Mar 2022. The teleconsultation services have been catered to 1350 patients in the said period. The COVID-19 vaccination drive covered 1,01,100 for COVAXIN and the CORBEVAX has been administered to 419 adolescents by 31 Mar 2022. The Department of Community Medicine and Family Medicine also took the lead role in implementing COVID-appropriate behaviors at all the clinics and centers through various awareness campaigns and drives. Various webinars have been organized by the Department. The Department is undertaking funded research projects with financial assistance from ICMR New Delhi, UNICEF, NACO and Govt. of Odisha, etc. Two issues (Volume 7, Issue-I & II) of Indian Journal of Community and Family Medicine were brought out in 2021-22 by the Department of Community Medicine and Family Medicine. The Department is now designated as Regional Institute for HIV Surveillance and Epidemiology, looking after two states of Odisha and Andhra Pradesh.

EDUCATION

Offline undergraduate and post-graduate courses were provided by the Department and community visit trips were organized and conducted for UG students as early community exposure. Department offers two post-graduate courses: MD program in Community Medicine & Family Medicine and Fellowship in Public Health Nutrition. Presently, 16 Junior Residents are pursuing MD in Community Medicine. The third and fourth batches of MD students completed their course in Apr 2021 and Nov 2021 respectively. The Fellowship in Public Health Nutrition programme provides master's and doctorate level students with academic training in public health nutrition. The fellowship programme was completed by the second class of students in Nov 2021. The course is currently being pursued by one Fellow.

The 6th batch of 100 MBBS students (2017 Batch) has finished the final professional examination in Dec 2021. They are now doing a three-month rotatory internship at the Department of Community & Family Medicine, in addition to training in other Departments.

Interns are assigned to various clinics within the Department of CM&FM in hospitals, rural and urban health training facilities to learn the abilities of a family physician, administration of health centres such as Primary Health Centers, Community Health Centers, and Community intervention. The Department of Community and Family Medicine's teaching activities are expanded to four batches of MBBS students and three batches of BSc nursing students. Each batch of MBBS students is assigned a village as part of their community training. MBBS students pay regular visits to the families of their assigned villages, and they participate in a variety of activities like as holding health camps, assessing the health profiles of family members, and providing health advisory services. During the epidemic, however, this has been restricted. Students spend six weeks each in rural and urban regions to gain a thorough grasp of community medicine. In addition, students are assigned research projects and are exposed to health initiatives and the health care delivery system.

CONFERENCES/CME/WORKSHOP ATTENDED & LECTURE DELIVERED/ PAPER PRESENTED

Dr Sonu H Subba

1. Invited as an Expert for the Virtual Consultation Meet on "Systems Approach for Assessment of Maternal Deaths in Rajasthan: A Feasibility Study" on 28 Mar 2022.
2. Spoke on 'Primary prevention of cancer' during Webinar on 'Cancer Situation and preventive oncology' on 10 Nov 2021 at AIIMS Bhubaneswar.
3. Conducted the workshop on Research Methodology during WISSEN, students' conference on 21 Sep 2021 at AIIMS Bhubaneswar.

4. Took a session on the epidemiology of mental health on International Suicide Prevention Day on 11 Sep 2021 at AIIMS Bhubaneswar.
5. Participated as a panelist in the webinar on "Ensuring rights & choices to family planning" during the national symposium World Population Day on 29 Jul 2021.
6. Conducted the National Webinar on "Communication Skills for medical professionals" as sole resource person on 7 May 2021.
7. Organized the World Health Day on 7 Apr 2021 and spoke on "Gender equality" for development of fairer and healthier world

Dr Binod Kumar Patro

1. Participated in the Training of Trainers workshop on National Guidelines for Data Quality in Surveys at Bhubaneswar from 2-3 Mar 2022 organized by National Institute of Medical Statistics, New Delhi and Population Council of India
2. Organized three batches of Training of Trainers on Comprehensive Geriatric Care under National Programme for Health Care of Elderly in 17-19 Feb 2022, 10-12 Mar 2022 and 22 Mar 2022.
3. Participated and chaired a scientific session at 2nd Annual National Conference of Epidemiology Foundation of India held at AIIMS Jodhpur from 29-30 Oct 2021.
4. Nominated to the Working Group to develop "Operational Guidelines for Wellness activities at the functional HWCs" by Ministry of Health and Family Welfare, Govt of India vide F.No. NHSRC/CP-CPHC/21-22/HWC/0477/P.F-2 dated 14 Oct 2021
5. Chaired a Scientific Session on "Abstract Driven Rapid Fire Oral Presentation" on 26 Sep 2021 at 5th National Conference on Tobacco or Health organized by PGIMER Chandigarh
6. Chaired a Scientific Session on COVID Clinical Characteristics on 23 Sep 2021 at 65th IPHA Conference held organized by JIPMER Pudducherry
7. Organized Faculty Development Programme on "Sample Size Calculation in Bio-Medical Research" on 25 Aug 2021
8. Organized 1st Research Day of institute on 21 Aug 2021 in which best research posters were awarded in Student/Faculty (Intramural/Extramural)/PG students/ABQC categories.
9. Organized Faculty Development Programme on 17-18 Jun 2021 on Research Methodology and Basic Biostatistics.
10. Delivered a lecture on "Facts on COVID and Home Isolation" at the Webinar organized by FICCI Bhubaneswar Chapter on 8 May 2021
11. Delivered a talk on "Role of Medical Colleges in Prevention and Control of NAFLD" on 30 Jun 2021 organized jointly by AIIMS BBSR and ILBS, New Delhi
12. Delivered a session on thematic webinar on "Nutrition and NCD: Context and Interventions" on 3 Sep 2021 organized by RCPHN, Dept of CM&FM
13. Deliver a Guest Lecture on "Home Isolation during COVID-19" at webinar on "Coping with COVID Some Tips and Tools" organized by Utkal University on 21 May 2021

Dr Swayam Pragyan Parida

1. Resource person for a state level TOT on National Program for Health Care of Elderly for medical officers at AIIMS Bhubaneswar from 17-19 Feb 2022. And 10-12 Mar 2022
2. Organized media orientation workshop on "Anemia a key nutritional challenge: strategies and way forward" RCAPHN, Dept of Community Medicine & Family Medicine, on 28 Feb 2022.
3. Invited as external expert for SR Interview of AIIMS Bibinagar, on 23 Nov 2021.
4. Invited to be the member of Scientific Advisory Committee of AIIMS Bibinagar, Telangana.
5. Organized Public lecture for celebration of one billion COVID-19 vaccine doses on 26 Oct 2021. Organized multiple events at institute level to mark the "Achievement of 1 billion doses of Covid vaccination in India".
6. Invited as a resource person for orientation course on ICD 10 & ICF for Non-medical personnel on 27 Oct 2021 in Regional Office of Health & FW, Bhubaneswar.
7. Organized State level webinar in collaboration with HelpAge India for Observation of International Day of Older Persons, IDOP 2021 'Build Back Better for Elders – Act Now: Health, Income and Dignity' on 1 Oct 2020 and released of the help

age India National level Indicator study report “the silent tormentor Covid-19 & the elderly.

8. Invited as a chairperson for the 65th Annual Indian Association of Public Health Association conference (IPHACON) held between 23 to 26 Sep 2021 in JIPMER Puducherry and presented e poster on “Prevalence of elder abuse in the capital city of Odisha”
9. Invited as panelist for webinar for public titled “ Role of Nutrition in Physical and Mental Health: Policy to Plate”, organized on hybrid mode on the occasion of celebration of POSHAN (Prime Minister’s Overarching Scheme for Holistic Nutrition) Month, on 25 Sep 2021.
10. Presented on 1st Annual research Day on topic ‘Acculturation and development of NCDs among the tribal community of Odisha’ in AIIMS Bhubaneswar on 21 Sep 2021.
11. Organized Thematic workshop cum review meeting on improving nutrition on 11 Sep 2021.
12. Resource person for Epidemic Management Training Program (EMTP) held from 1-4 Sep 2021 in the Department of Community Medicine & Family Medicine, AIIMS Bhubaneswar.
13. Member of organizing team of a thematic workshop titled: “Nutrition and Non-communicable disease (NCD): Context and interventions” organized by the department of CMFM in collaboration with UNICEF, Odisha on 03 Sep 2021.
14. Organized Thematic Webinar on World Breastfeeding Week Theme: ‘Protect Breastfeeding: A Shared Responsibility’ on 6 Aug 2021.
15. Resource person for the National webinar organized by TEEKA (Teachers’ empowerment in the era of knowledge application) foundation on Dt. 04 Jul 2021, Topic – “Doctor Role in managing COVID-19”.
16. Invited as a panellist “Care of elderly during Covid pandemic”. Odisha state level webinar making. World elder abuse awareness day, by help age India Odisha branch. 15 Jun 2021.
17. Invited as a resource person on district-level webinar on COVID-19 awareness on 30 May 2021 organized by dist. Program office, NSS Mayurbhanj in collaboration with RDS Degree Mahavidyalaya, Kundabai, Mayurbhanja.
18. Invited as resource person in training on “Appropriate home management of mild, asymptomatic COVID-19” by Odisha Livelihoods Mission for district and state-level trainers on 29 May 2021.
19. Resource person for the District Level webinar on the 2nd wave of COVID-19 for NSS Unit of Sri Baya Baba College, Mahakalpara, Kendrapara on 23 May 2021.
20. Organized national level webinar on COVID-19 Immunization for the occasion of “World Immunization week” on 24 Apr 2021 in AIIMS Bhubaneswar.
21. Organized a National webinar for the celebration of “World Health Day 2021” on 6 Apr 2021.

Dr Binod Kumar Behera

1. Resource person for Research Methodology classes for newly joined Junior Residents (Academic) Batch Dec–2020 on 25 Feb 2022 at AIIMS, BBSR.
2. Resource person for Epidemic Management Training of newly joined medical officer OPSC on 08 Dec 2021
3. Organized Public awareness lecture on “COVID-19 Vaccination” on 26 Oct 2021.
4. Resource person for Research Methodology classes for newly joined Junior Residents (Academic) Batch Jul–2020 on 25 Oct. 2021 at AIIMS, BBSR.
5. Organized Public awareness lecture on “Feeding smart from the start” with Nutrition and dietetics Department on 29 Sept 2021 at AIIMS, BBSR.
6. Thematic workshop cum Review Meeting of RCAPHN on 11 Sept 2021 at AIIMS, BBSR.
7. Resource person for Epidemic Management Training of newly joined medical officer OPSC on 1 Sept 2021
8. Organized Webinar on World Breastfeeding Week on 6 Aug 2021 to celebrate Breastfeeding week 2021.
9. Resource faculty for Faculty development program on “Research Methodology and Basics biostatistics” on 16-17 Jul 2021

Dr Arvind Kumar Singh

1. Attended “National Post Surveillance Meeting at Ibis New Delhi Aerocity IGI Airport, New Delhi from 24-25 Mar’2022.
2. Resource Person in the Promotional Training Programme on “Unit Management” for Senior Nursing Officers, held at

Mini Auditorium, College of Nursing, AIIMS, Bhubaneswar, organized by College of Nursing & Department of Nursing Services from 28 Feb to 6 Mar 2022.

3. Attend 9th National Conference on Consortium against Rabies (CARCON-2021) at AIIMS, Gorakhpur from 28-29 Jan 2022.
4. Attend MINErVA network partners update meeting on Virtual mode on 9 Oct 2021.
5. Member of the Organizing Committee of the Workshop on Qualitative Methods in Health Research Organized by Dept of Community Medicine and Family Medicine, AIIMS, Bhubaneswar on 02 and 03 Dec, 2021.
6. Resource Person in Faculty Development Programme (Sample Size Calculation in Biomedical Research) organized by Research Section, All India Institute Medical Sciences, Bhubaneswar on 25 Sept, 2021.
7. Certificate of Participation as paper presented on Effectiveness of a short structured Training Programme on Knowledge of Health Care Providers and Programme Managers involved in Maternal and Child Health Programme in Odisha, India – in poster presentation on 9th Annual Day & 1st Research day of the All India Institute of Medical Sciences, Bhubaneswar. On 21 Sep 2021
8. Participated in Academia IAPSM Panel discussion on “Hospital preparedness for Pandemics” on virtual mode on 9 Apr 2021

Dr Manish Taywade

1. Attended 43rd Annual National Conference of Indian Association of Preventive and Social Medicine and 23rd Joint IAPSM & IPHA Conference Maharashtra Chapter held at Nagpur on 03 to 05 Mar 2022
2. Attended Media orientation workshop on Anemia a key nutritional challenge: strategies and way forward RCAPHN, on 28 Feb 2022
3. Nodal person/Coordinator for Epidemic Management Training Program (four days in the Department of CMFM) for Newly Joined Medical Officers for Odisha State, SIHFW Odisha on 01 to 04 Sep 2021 and 08 to 11 Dec 2021
4. Resource person for Epidemic Management Training Program for Newly Joined Medical Officers for Odisha State on 01 to 04 Sep 2021 and 08 to 11 Dec 2021.
5. Attended thematic webinar on world Breastfeeding week Theme Protect Breastfeeding A shared responsibility on 06 Aug 2021.

Dr Prajna Paramita Giri

1. Resource person for Hands-on training on cancer screening at primary care level for the Medical Officers, Lab Technicians and ANMs under the project “Strengthening of PHC infrastructure for screening of common cancers (Oral, Breast, Cervical) in a tribal district of Odisha” at DHH Mayurbhanja on 14 Mar 2022.
2. Invited as an External Expert by P.G.Council, Ravenshaw University, Cuttack, for the review of the Master's Programme in Public Health which is being run in self-financing mode in Ravenshaw University and attended the Performance review Committee meeting on 19 Feb 2022.
3. Invited as a panelist in a TV talk show on Doordarshan Odia, Bhubaneswar to discuss the topic “Covid samasya re Shishu Poshan” on 29 Jan 2022.
4. Resource person for Epidemic Management Training of newly joined medical officer OPSC from 01 Sep 2021 to 4 Sep 2021 and on 08 Dec 2021 to 11 Dec 2021
5. Attended the workshop on “Qualitative methods in Health Research” organized by the Dept. of CM & FM, AIIMS, Bhubaneswar on 02 Dec 2021 and 03 Dec 2021.
6. Moderated and member of organizing team of the webinar titled “Cancer situation & Preventive Oncology in India” on 10 Nov 2021 on the occasion of World Cancer Awareness day.
7. Attended an online workshop on “Visualization and statistical Discovery using JMP” organized by JIPMER, Puducherry during the 65th Annual National Conference on Indian Public Health Association (IPHACON) 2021 on 19 Sep 2021.
8. Member of organizing team of a thematic workshop titled “Evolution and way forward of Public Health Nutrition” held on 11 Sep 2021. It was held in hybrid mode (both digital and physical mode)
9. Member of organizing team of a thematic workshop titled: “Nutrition and Non-communicable disease (NCD): Context and interventions” organized by the department of CMFM in collaboration with UNICEF, Odisha on 03 Sep 2021.

Dr Priyamadhaba Behera

1. Organized special camps of NSS for all units of AIIMS Bhubaneswar during 12 -20 Mar 2022.
2. Attended and presented Oral paper in the conference IAPSMCON Nagpur 2022 held on 3-5 Mar 2022.
3. Resource person for foundation course for newly joined MBBS students by MEU, AIIMS Bhubaneswar from 1-5 Mar, 2022
4. Resource person for Internship Orientation Programme for 100 Interns (Batch 2017) of AIIMS Bhubaneswar held on 11 -12 Feb 2022.
5. Organized webinar on "Youth Mental Health" on the occasion of National youth Day on 12 Jan 2022 for medical and paramedical students.
6. Resource person for Internship assessment by OSCE organized by MEU, AIIMS Bhubaneswar on 02 Dec, 2021)
7. Organized a workshop on Qualitative Methods in Health Research as organizing secretary on 2-3 Dec 2021 at AIIMS, Bhubaneswar.
8. Resource person for Research Methodology classes for newly joined Junior Residents (Academic) Batch Jul – 2021 on 28 Oct 2021.
9. Resource person for field visit to districts Kamrup metropolitan and Nagaon, state of Assam under COVID-19 for preparing NCD health emergency framework & documenting best practices adopted by the states/UTs for continuing NCD Services during COVID-19 pandemic in India" by AIIMS, New Delhi funded by WHO India Office during 5-10 Oct 2021.
10. Presented the poster "Role of ivermectin in the prevention of SARS- CoV-2 infection among healthcare workers in India: A matched case-control study" in intramural category on the occasion of 9th Annual Day/1st Research Day of AIIMS Bhubaneswar on 21Sept 2021.
11. Resource person for Epidemic Management Training of newly joined medical officer OPSC on 9 Sep 2021.
12. Participated in thematic webinar: Nutrition and Non-communicable disease (NCD): Context and interventions organized by Department of CMFM in collaboration with UNICEF, Odisha on 03 Sep 2021.
13. Participated in national CME on "Medical students' Wellness: Challenges and initiatives". organized by the Department of Psychiatry & NDDTC, AIIMS, New Delhi in association with the Indian Association for Social Psychiatry on the 10 Jul 2021.
14. Participated in the virtual webinar on "Non-Alcoholic Fatty Liver Disease (NAFLD): Population level strategies for prevention" held jointly by Institute of Liver and Biliary Sciences, New Delhi and AIIMS, Bhubaneswar on 30 Jun 2021.
15. Resource person for training on "How to take care of physical and mental health during the Pandemic" Organized by Odisha Livelihoods Mission on 29 May 2021.

Dr Abhisek Mishra

1. Organized a programme titled "Community engagement on Discrimination and Fight against Tuberculosis" on World TB Day on 24 Mar 2022 at RHTC Tangi
2. Participated in the Geriatric glaucoma screening-on the occasion of Word Glaucoma week on 12 Mar 2022 at RHTC Tangi
3. Co-Organizer State level TOT on Comprehensive Geriatric Assessment of Specialists, Medical officers and Nursing Officers on 17 to 19 Feb, 10 to 12 Mar and 22 Mar 2022.
4. Organized the Community awareness about cancer- risk and its prevention on 4 Feb 2022
5. Core member at AIIMS Bhubaneswar, for a Regional institute for HIV Surveillance and Epidemiology under National AIDS Control Organization, India on 18 Dec 2021.
6. Presented the Poster in 2nd EFICON at AIIMS Jodhpur on 30 Oct 2021
7. Resource person for Epidemic Management Training of newly joined medical officer OPSC on 1 Sept 2021
8. Resource person in the Faculty Development Programme on 17–18 Jun 2021 on Qualitative research

PATIENT CARE / HOSPITAL SERVICES

Hospital Clinics (1st Apr 2021 to 31st Mar 2022)

• NCD clinic	: 4,170
• Preventive Oncology Clinic	: 115
• Executive Health Checkup	: 0
• Yellow Fever Vaccination Clinic	: 1,039
• Immunization Clinic	: 6,748
• ARV Clinic	: 1,077
• ICTC	: 22, 492
• DOTs Clinic	: 515
• COVID-19 Screening OPD	: 61,666
• COVID-19 Vaccination	: 1, 01, 100 (Covaxin), 419 (Corbevax, from 17th Mar to 31st Mar 2022)
• COVID Tele consultation	: 1,350

Outreach Centres

CHC Mendhasal	: 71,232
RHTC Tangi	: 88,219
UHTC Nayapalli	: 25,459
Total	: 1,84,910

AWARDS / HONOURS / EVENTS / SIGNIFICANT EVENTS

Dr Sonu H Subba

1. Invitation as a Chairperson on 9th National Annual Conference of consortium against Rabies (CARCON) at AIIMS Gorakhpur on 29 Jan 2022.
2. Was invited to deliver the Foundation Day Lecture at the National Institute of Cancer Prevention and Research, Noida, UP on 14 Jan 2022
3. Chief Guest at the Model United Nations organized by the students on 9 Oct 2021

Dr Binod Kumar Patro

1. Member of Central team to assist state health Department for COVID Management (Cuttack, Puri, Nayagarh, Balangir, Kendrapada)
2. Member of COVID 19 Working group of AIIMS Bhubaneswar

Dr Swayam Pragyan Parida

1. Awarded with the Fellowship in International Medical Sciences Academy in the year 2020.

Dr Arvind Kumar Singh

1. Member of Rapid response team from AIIMS Bhubaneswar to Balangir district to support and implementation of contact tracing, source of infection, surveillance and other activities for COVID-19 on 8 May 2020

Dr Prajna Paramita Giri

1. Invited as an External Expert by P.G.Council, Ravenshaw University, Cuttack, for the review of the Master's Programme in Public Health which is being run in self-financing mode in Ravenshaw University and attended the Performance review Committee meeting on 19 Feb 2022

Dr Abhisek Mishra

1. Ongoing course on Post Graduate Diploma in Geriatric Medicine (PGDG) for the year



Pulse polio immunization session under UHTC Nayapalli



Glaucoma Day celebration at RHTC Tangi



World Health Day Celebration at RHTC Mendhasal



Workshop on "Qualitative Methods in Health Research" at Department of CM & FM

DENTISTRY

FACULTY

Additional Professor & HOD	Dr Ashok Kumar Jena
Associate Professor	Dr Samapika Routray
Assistant Professor	Dr Jitendra Sharan

HIGHLIGHTS

The Department is routinely involved in patient care, teaching, research and various other institute activities. It has started postgraduate teaching program (MDS) in Orthodontics and Dentofacial Orthopedics since Jan 2019. The department provides various specialty dental services to the patients. The department has the facility of various 2D and 3D diagnostic aids diagnosis and research purposes. In addition to routine research activities, the faculty are involved in guiding the postgraduate students for ICMR-STs projects. Currently various intra-mural and extra-mural projects are going on in the department. The research outputs of the department are published in various national and international journals.

EDUCATION

The department is actively involved in the MBBS and postgraduate dental teaching programs. In addition to the routine chair-side education, daily post-graduate teaching program involves case discussion, seminar, journal club and post-treatment critical evaluation of the cases. The department is regularly conducted departmental research activities by residents and faculties.

Days	Daily Academic Activity (4.00 PM – 5.00 PM)
Monday	Case Presentation
Tuesday	Case Presentation
Wednesday	Seminar
Thursday	Journal Club
Friday	Departmental Research Activity / Post treatment critical evaluation (PTCE)

CONFERENCES/CME/WORKSHOPS ATTENDED & LECTURE DELIVERED/ PAPER PRESENTED

Dr Ashok Kumar Jena

1. Delivered a guest lecture on "Clinical management of functional appliances" 7-9 Apr, 2021, conducted by Ramachandra Orthodontic Accelerated Review.
2. Delivered a guest lecture on "Handling and Reprocessing of Surgical Instruments" in training program on UNIT MANAGEMENT for senior nursing officers, 6-12 Dec, 2021, held at Mini- auditorium, College of Nursing, AIIMS, Bhubaneswar
3. Delivered a webinar on "Clinical management of functional appliances", 14 Jan 2022, conducted by Dept. of Orthodontics, Mar Baselius Dental College, Kathamangalam, Ernakulum, Kerala.
4. Delivered a webinar on "Nitti Gritty of functional jaw orthopedics", 24th Feb 2022, conducted by Bangalore Orthodontic Study Group in collaboration with Indian Orthodontic Society.
5. Delivered a guest lecture on "Handling and Reprocessing of Surgical Instruments" in training program on UNIT MANAGEMENT for senior nursing officers, 2 Mar, 2022, held at Mini- auditorium, College of Nursing, AIIMS, Bhubaneswar.

Dr Samapika Routray

1. Delivered an online lecture on "Artificial Intelligence and its impact on dentistry" as Resource person at DPU Dental Value-Added Lecture on 7 Oct 2021

Dr Jitendra Sharan

1. Delivered an online lecture on "Research methodology: How to apply the same in orthodontic and dentofacial clinical scenario" on 5 Feb 2022 Lenora Institute of Dental Sciences.
2. Chair the session and judge the E-Paper presentation at the Student Conference of Research in Education (SCoRE 3.0), 27-29 Oct, 2021, organized by Manipal Academy of Higher Education Student Research Forum (MAHESRF), MCODS, Mangalore.
3. Presented poster on Institute Research Day 21 Sep 2021 at AIIMS BBSR

PATIENT CARE / HOSPITAL SERVICES

1. The summary of the patient care is described below.

NATURE OF WORK	NO. OF PATIENTS / INTERVENTIONS
Consultation	14187
Orthodontic Intervention	2112
Tooth Extraction	1497
Restoration & Endodontic Interventions	1386
Periodontal Interventions (Scaling and Periodontal Curettage)	146
Prosthodontics	08
Minor Surgical Intervention	343
Major Surgery under GA	179
TMJ Clinic	62
Oral Precancerous Lesions	155
Radiographs	4975

2. The department runs special clinic 'Orthodontic Clinic' on every Monday from 2-4 PM.

DERMATOLOGY & VENEREOLOGY

FACULTY

Additional Professor	Dr Chandra Sekhar Sirka
Assistant Professor	Dr Biswanath Behera
	Dr Arpita Nibedita Rout
	Dr Vishal Thakuar

HIGHLIGHTS

The Department of Dermatology and Venereology has an in-patient bed strength of 30. The postgraduate course was started in Jul 2018, and at present, six students are pursuing their MD course. The department is actively involved in postgraduate, undergraduate, and B.Sc. (Nursing) teaching and research. Presently, five MD dissertations and four research projects are ongoing. A dermatological side laboratory has been established in the department for postgraduate teaching and patient care. Radiofrequency and iontophoresis machines have been installed in the outpatient department. In addition to OPD and IPD, we have also started Daycare services for patients with autoimmune bullous disorders and psoriasis. A 'phototherapy and laser unit' has been established in the OPD premise. The Department has started fractional carbon dioxide and excimer laser treatments. We have started chemical peel and vitiligo and nail surgeries in the department. All faculties and residents were actively involved in COVID-19 patient care. The department was treating many patients through telemedicine and the "AIIMS Bhubaneswar Shwastya APP" every day. All the faculties, residents, and staff of the department were involved in encouraging COVID-appropriate behavior both inside and outside the hospital and presented a video of the same.

EDUCATION

The Departmental faculty member are actively involved in postgraduate (MD), undergraduate (MBBS) and B.Sc. (Nursing) teaching. Theory lecture classes and bedside clinics are being conducted for undergraduate students according to the AIIMS Bhubaneswar teaching curriculum. They are being evaluated regularly at the end of the clinical posting. Seminars, Journal Clubs, Short Tutorials, clinical bedside teaching and inter-departmental lectures are being conducted for postgraduate students. Dermatopathology teaching and clinic-pathological correlation sessions are being conducted monthly in association with the pathology department.

CONFERENCES/CME/ WORKSHOP ATTENDED & LECTURE DELIVERED/ PAPER PRESENTED

Dr Chandra Sekhar Sirka

1. Attended as a Faculty at the webinar of the Society of Dermat-Venero-Leprologist of Nepal (SODVELON) on 25 Sep 2021, and delivered a guest lecture; Title: "Use of cytotoxic drugs during Covid-19 from dermatologist point".
2. Attended as a Faculty at Dermazone East 2021 on 17-19 Dec 2021 at Ranchi, Jharkhand, and delivered a guest lecture; Title: "Use of simple and higher skills in solving challenging cases in OPD and IPD".
3. Attended the Annual Conference of Dermatopathology society of India on 14-15 Jan 2022, and presented a case; Title: "Interesting case from a dermatopathology point of view".

Dr Biswanath Behera

1. Attended as a Faculty at the 8th E-PGCON on 26 Aug 2021, and presented a paper on; Title: "Presentation of spotters: Mucosal disorders".
2. Attended as a Faculty at E-PEDDERMACON 2021 on 3 Oct 2021 and was a part of the panel discussion; Title: "Drug reactions in children: A case-based panel discussion".
3. Attended as a Faculty at PED-DERMA e-CME on 16 Oct 2021 and presented a paper; Titled: "Histiocytic disorders: Approach and management."
4. Attended as a Faculty in e-CME conducted by IADVL ODISHA on 5 Nov 2021 and was part of a panel discussion; Title: "Newer horizon in Psoriasis".
5. Attended as a Faculty in IADVL_PG Lecture series_Class 10 conducted by IADVL ACADEMY on 18 Dec 2021 and presented a paper; Title: "Case-based Dermoscopic and Histopathological correlation: Tumors: Benign and malignant".

6. Attended as a Faculty at CUTICON-ODISHA on 6th Mar 2022 and presented a paper; Title: "An approach to a case of hereditary palmoplantar keratoderma".

PATIENT CARE / HOSPITAL SERVICES

On average, 200-250 patients/day are getting specialist services in the OPD. At present, special afternoon clinics on Mycology, Pigmentation, Connective tissue disease, Paediatric alopecia, and Genodermatoses are being conducted. In 2020-2021, a total of 3785 diagnostic biopsies and dermatosurgical procedures were conducted in the minor OT. Departmental SOP on the safe use of immunosuppressive drugs has been established. A computerized patient record-keeping system has been started.

AWARDS, HONORS & SIGNIFICANT EVENTS

1. Indian Dermatology Online Journal Best case report: Awarded to Dr Biswanath Behera for the manuscript "Behera B, Kumari R, Thappa DM, Toi PC. Clinical and Dermoscopic Features of a Case of Idiopathic T-Cell Pseudolymphoma. Indian Dermatol Online J. 2021 Jun 20;12(4):583-586."
2. ICMR PG thesis grant for the thesis title: "Clinico-pathological spectrum of cheilitis from a tertiary care hospital of eastern India- A cross-sectional study". Postgraduate- Dr Sonika Garg and Guide- Dr Biswanath Behera
3. 3rd Prize in Poster presentation in Cuticon Odisha 2021: Dr Parvathy Viswan (Postgraduate)
4. 1st Prize in East Zonal round in TYSA National Level 10th Derma Academic Fest Quiz: Dr Namrata Sarkar (postgraduate)
5. Entered in the top 5 in 12th Amala Galderma Dermatology Gold medal Examination 2022: Dr Kunal Garg (postgraduate)

ENDOCRINOLOGY & METABOLISM

FACULTY

Associate Professor Dr Kishore Kumar Behera

HIGHLIGHTS

The Department of Endocrinology was started on 20th Jun 2016. The faculty is managing the OPD, IPD, and interdepartmental referral consultation. Dept of Endocrinology runs OPD service on four days/week and two days/week is specially dedicated for thyroid, pituitary and obesity & weight management. The monthly footfall of patients visiting OPD is 1000-1200.

CONFERENCES/CME/ WORKSHOP ATTENDED & LECTURE DELIVERED/ PAPER PRESENTED

Dr Kishore Kumar Behera

1. Attended CME on 19 Mar 2021 "Efficacy of DPP4 inhibitors with unique PK/PD of Linagliptin-Clinical Perspective (Online)

PATIENT CARE / HOSPITAL SERVICES

The endocrinology Department started in Jun 2016 and 1000 -1200 cases/month are seen in OPD. The Department is providing OPD and IPD services. OPD service runs four days /week. Mondays and Thursdays are for thyroid and pituitary clinics. Tuesday, Thursdays, and Fridays are dedicated for diabetes and other endocrine disorders. The Department cater services to interdepartmental consultations.

AWARDS, HONOURS & SIGNIFICANT EVENTS

1. Dr K K Behera was Awarded fellow of American Association of Clinical Endocrinology (FACE) and Strategic Centre for Obesity Professional Education Programme (SCOPE) Certification in the year 2021.

ENT

FACULTY

Additional Professor & HOD	Dr Pradipta Kumar Parida
Additional Professor	Dr C. Preetam
Associate Professor	Dr Saurav Sarkar
	Dr Pradeep Pradhan
Assistant Professor	Dr Dillip Kumar Samal

HIGHLIGHTS

The Department of ENT started in 2013. It has been involved in postgraduate (MS), and undergraduate (MBBS) teaching. All five faculty member have been actively participating in teaching theory, clinical, and bedside classes. The Department has organized the Celebration of World Hearing Day on Mar 3 2022 and different public awareness activities were performed. With the association of the All-India Institute of Speech and Hearing (AIISH) Mysuru, we have established its social outreach Centre in the Department of ENT, AIIMS BBSR, for the diagnosis and rehabilitation of persons with communication and hearing disorders. The Department is actively involved with ADIP Scheme and RBSK scheme for cochlear implants in children with congenital hearing loss. Presently 12 MS thesis and 10 other research projects are going on in the Department of ENT.

EDUCATION

The Department is presently involved in postgraduate (MS), undergraduate (MBBS), B.Sc (Nursing) and other paramedical teachings. The postgraduate Programme (MS) was started in Jan 2017. Currently, 12 postgraduate students are in the Department of ENT and 12 MS dissertation research projects are in the Department.

CONFERENCES/CME/ WORKSHOP ATTENDED & LECTURE DELIVERED/ PAPER PRESENTED

Dr Pradipta Kumar Parida

1. Invited faculty to the 43rd Annual conference of Association of Otolaryngologist of India Odisha Branch held at F.M. Medical College, Balasore, Odisha from 12-13 Feb 2022 and presented a paper entitled "Endoscopic management of Juvenile nasopharyngeal Angiofibroma."

Dr C. Preetam

1. Invited faculty in the 17th Annual meeting of Middle east academy of Otolaryngology, Dubai, UAE, from 16-19 Mar 2022 and delivered talks on 'Cochlear Duct length is it significant?' "Complications in Cochlear implantation: How to get around" and "External approaches for frontal sinus"

Dr Pradeep Pradhan

1. Invited faculty to the 43rd Annual conference of Association of Otolaryngologist of India Odisha Branch held at F.M. Medical College, Balasore, Odisha from 12-13 Feb 2022 and presented a paper entitled "Challenges in Rhinoplasty."
2. Presented a paper entitled "Efficacy of balloon tamponade versus Merocel nasal pack in endoscopic sinonasal surgery: A randomized controlled study" on the 9th annual day and research day of the All India Institute of Medical Sciences, Bhubaneswar, on 21 Sep 2021.

Dr Dillip Kumar Samal

1. Invited faculty to the 43rd Annual conference of Association of Otolaryngologist of India Odisha Branch held at F.M. Medical College, Balasore, Odisha from 12-13 Feb 2022 and presented Scientific paper on "Oromandibular defect reconstruction: Otolaryngologist perspective."
2. Participated in "Faculty Development Programme" (Research Methodology & Biostatistics), held on 17-18 Jul 2021, at AIIMS, Bhubaneswar.

PATIENT CARE / HOSPITAL SERVICES

The Department runs special clinics like head-neck cancer, vertigo, voice, and otology in the afternoon. It is well equipped with audiological and speech evaluation setups to provide rehabilitation services to hearing loss and speech disorders

patients. With the collaboration of the association of the All-India Institute of Speech and Hearing (AIISH) Mysuru, we have established universal neonatal screening for hearing loss and post-cochlear implantation rehabilitative services free of cost in the Eastern zone of India.

OPD Attendance	34, 972
Patients are seen in special clinics:	256
Minor OPD procedure	625
Major Surgeries	386

AWARDS, HONOURS & SIGNIFICANT EVENTS

Dr C. Preetam

1. Awarded as a Fellow American college of surgeons (FACS) in Oct 2021.
2. Successfully cleared the examination and was awarded the degree of Master of Business administration (MBA), Hospital administration in Aug 2021

FORENSIC MEDICINE & TOXICOLOGY

FACULTY

Professor & HOD	Dr Manoj Kumar Mohanty
Additional Professor	Dr Sudipta Ranjan Singh
	Dr Manas Ranjan Sahu
Assistant Professor	Dr Sindhu Sudha Sahu
	Dr Rajanikanta Swain

HIGHLIGHTS

The Department of Forensic Medicine and Toxicology became officially functional in 2013. The Department is presently involved in Postgraduate (MD), Undergraduate (MBBS), B. Sc (Nursing) teaching, B. Sc. (OTAT), and Clinical Research and medicolegal consultation from various wards. We conducted 342 autopsies during the period 1 Apr 2021 – 31 Mar 2022. All five faculty members actively participated in the teaching theory, practical, and tutorial classes. We have undertaken interdepartmental undergraduate training with O&G regarding the issues related to sexual assault survivors. The Department has adopted the modern practical forensic training methodology that includes newer and novel teaching methods with the aid of computers and simulated learnings. To continue medical education without hampering the career of the students during the pandemic by adhering to social distancing norms prescribed by the Government, we conducted practical demonstrations dividing the students into small groups and taking online classes and examinations wherever possible. Emphasis was given to clinical and applied forensics which directly helped to improve patient care and medicolegal issues and provided help for speedy dispensing of justice. Students were sensitized and encouraged to get involved in research. Presently, 7 MD dissertations and 6 other research projects are going on. We are planning to start a certificate course for Mortuary Attendants which has been approved by Standing Academic Committee. This year we took forward our forensic pathology laboratory. We are currently conducting a Diatom test in drowning cases, qualitative analysis of alcohol from the vitreous humour of dead bodies in addition to the histopathology of the organs. During the COVID-19 Pandemic times, we are doing dead body management of COVID-positive patients taking proper care and maintaining the dignity of the body, and helping the Bhubaneswar Municipal Corporation in proper disposal. We have installed a new 6-chamber body storage freezer, installation of the new hydraulic autopsy table.

CONFERENCES/CME/ WORKSHOP ATTENDED & LECTURE DELIVERED/ PAPER PRESENTED

Dr Manoj Kumar Mohanty

1. Attended 4th International Conference of Forensic Odontology and Child Abuse from 28-31 Mar 2022 organised by King George's Medical University, Lucknow and Chaired a Scientific Session and invited as guest speaker on "Ethical issues and Challenges in Child Abuse".
2. Participated online conference of South India Medicolegal Conference (SIMLA) on 5-6 Oct 2021 and chaired a session.
3. Participated in online CME on "Pathogenesis in COVID-19 fatalities- under the lens of Forensic Medicine" conducted by PIMS, Puducherry on 3 Sep 2021.
4. Attended webinar on "Forensic Medicine-A leap into the Future" conducted by Dept of FMT, Sri Ramchandra Institute of Higher Education, Chennai on 4 Aug 2021.
5. Participated in International webinar on "Impact of COVID-19 pandemic on crime- Medicolegal aspect and support" conducted by MKCG Medical College, Berhampur on 7 Aug 2021.
6. Participated online as a member "Scientific Committee" at 8th International e-conference on "Forensic Medicine & Toxicology" conducted by IASR on 28-29 Aug 2021.
7. Participated in Virtual National CME on "Assault on Health Care Workers-Way to Overcome" conducted by AIIMS, Bibinagar on 01 Jul 2021
8. Participated in Virtual National Workshop on "Medical Negligence-Bridging the Gap between knowing and doing" conducted by SCB Medical College and Hospital, Cuttack, Odisha on 10 Jul 2021.
9. Participated online as a member "Scientific Committee" at 7th International e-conference on Forensic Psychology conducted by IASR on 24-25 Jul 2021.

10. Participated in webinar on Picking the right journal and getting published organized by Wolter Kluwer, AIIMS, Bhubaneswar Editage on 27 Jul 2021.
11. Participated in online CME on "Drug Abuse: An Insight to a Never-Ending Challenge" conducted by AIIMS, Mangalagiri on 24 May 2021.
12. Participated in online workshop on "Medico-legal management of child sexual abuse" organized by ICANCL, IAP & ICMEC on 22 May 2021.
13. Participated in the CME on "Toxicological Emergencies in Modern Era" on 18 Dec 2021 organised by KIMS, Bhubaneswar and presented on the topic "Medicolegal duties of a Doctor in a case of Poisoning"

Dr Manas Ranjan Sahu

1. Attended National CME with Theme "Toxicological emergencies in the modern era" organized by Department of Forensic Medicine and Toxicology, KIMS, KIIT-DU, Bhubaneswar on 18 Dec 2021.
2. Attended International Webinar with Theme "Impact of Covid – 19 Pandemic on Crime: Medico legal aspects, supports" organized by Department of Forensic Medicine and Toxicology, MKCG Medical College, Berhampur on 7 Aug 2021.
3. Attended the Online Continued Medical Education (CME) titled "Drug Abuse: An Insight to a never-Ending Challenge" organized by Department of Forensic Medicine & Toxicology, AIIMS, Mangalagiri, Andhra Pradesh on 26 Jun 2021.

Dr Sudipta Ranjan Singh

1. Attended with physical participation as faculty in the 3rd Annual AIIMS forensic guild conclave 2022 on "Challenges in AIIMS: How to overcome" organized by Dept. of FMT at AIIMS, Bathinda on 24-25 Mar 2022.
2. Delivered lecture as resource person on the topic "Inventory Management" for senior nursing officers of AIIMS, Bhubaneswar during the promotional training program held 6-12 Dec 2021 at College of Nursing, AIIMS, Bhubaneswar.
3. Attended International Webinar with Theme "Impact of COVID-19 Pandemic on Crime: Medico legal aspects, supports" organized by Department of Forensic Medicine and Toxicology, MKCG Medical College, Berhampur on 7 Aug 2021.
4. Delivered lecture as resource person on the topic "Material Management" for senior nursing officers of AIIMS, Bhubaneswar during the promotional training program held 28 Feb 2022 to 6 Mar 2022 at College of Nursing, AIIMS, Bhubaneswar.
5. Participated in Virtual National Workshop on "Medical Negligence-Bridging the Gap between knowing and doing" conducted by SCB Medical College and Hospital, Cuttack, Odisha on 10 Jul 2021.
6. Designing the content of an Android based mobile application for "Snake Helpline" and launch of the website and App at AIIMS, Bhubaneswar on 30 Aug 2021.
7. Delivered a lecture to spread awareness amongst snake rescuers in a one day Work shop organised by "Snake Help Line" on 28 Nov 2021.
8. Delivered a lecture to Nursing Students in the training program organised by College of Nursing, AIIMS, Bhubaneswar on the topic "Procurement & Equipment management" on 29 Oct 2021.
9. Delivered a lecture to faculty members of AIIMS, Bhubaneswar on the Topic "Indents & Procurement" in the Indenters' Awareness Program organised by Stores & Procurement Section on 26 Feb 2022.
10. Delivered a lecture on the topic " COVID-19- Flatten the Curve" to the participants of NSS Camp, Mahakalpara, Kendrapara, Odisha on 17 May 2021.
11. Delivered on the Topic " Stores & Procurement – Efforts & Achievements" on the Institute Independence Day program held on 15 Aug 2021.

Dr Sindhu Sudha Sahu

1. Attended with physical participation as faculty in the 3rd Annual AIIMS forensic guild conclave 2022 on "Challenges in AIIMS: How to overcome" organized by Dept. of FMT at AIIMS, Bathinda on 24th -25th Mar 2022.
2. Participated in online webinar on "Child Rights- Role of Medical Professionals" organized by ICMPPMN, a collaboration of ICANCL, IAP & ICMEC on 17 Dec 2021.
3. Participated in the CME on "Toxicological Emergencies in Modern Era" organized by KIMS, Bhubaneswar and presented on the topic "Medicolegal duties of a Doctor in a case of Poisoning" on 18 Dec 2021

4. Attended Faculty Development Programme: Sample Size Calculation in Biomedical Research, organised by Research section, AIIMS, Bhubaneswar on 25 Sept 2021.
5. Participated in International webinar on "Impact of COVID-19 pandemic on crime- Medicolegal aspect and support" conducted by MKCG Medical College, Berhampur on 7 Aug 2021.
6. Attended Online Webinar on "Picking the right journal and getting published" organised by Wolters Kluwer, AIIMS, Bhubaneswar and Editage on 27 Jul 2021.
7. Participated in online webinar on "Experiences, Dynamics and Processes of Child Sex Trafficking" organized by ICMPMN, a collaboration of ICANCL, IAP & ICMEC on 16 Jul 2021.
8. Participated in Virtual National Workshop on "Medical Negligence-Bridging the Gap between knowing and doing" conducted by SCB Medical College and Hospital, Cuttack, Odisha on 10 Jul 2021.
9. Participated in Virtual National CME on "Assault on Health Care Workers-Way to Overcome" conducted by AIIMS, Bibinagar on 1 Jul 2021.
10. Attended the Online Continued Medical Education (CME) titled "Drug Abuse: An Insight to a never-Ending Challenge" organized by Department of Forensic Medicine & Toxicology, AIIMS, Mangalgi, Andhra Pradesh on 26 Jun 2021.
11. Participated in online certification course for Basic Course in Biomedical Research (Cycle-4) by ICMR, NIE during MAR-JUN 2021.

PATIENT CARE / HOSPITAL SERVICES

We are giving Clinical Forensic Services to various clinical departments. We have a dedicated Clinical Forensic unit for conducting examinations of Sexual Assault Survivors and Accused. We are providing bedside toxicology consultations in all poisoning cases. We are helping the Casualty Medical Officer in medicolegal work. One of our residents is posted in casualty for a month on a rotation basis. We have been helping the doctors in taking proper consent for various academic and research purposes. We are not just for the living but also for the dead. Even in the difficult COVID times, we have continued to provide dead body storage facilities without discrimination. We have been conducting autopsies and helping the Law enforcement authorities to solve many critical cases. We have also been providing mortuary facilities and expert supervision for doctors posted in peripheral health centres in case of referred autopsies. Emphasis is given to clinical and applied forensics which directly helped to improve patient care and medicolegal issues, and providing help for speedy dispensing of justice.

GASTROENTEROLOGY

FACULTY

Professor & HOD	Dr Subash Chandra Samal
Associate Professor	Dr Manas Kumar Panigrahi
Assistant Professor	Dr Hemanta Kumar Nayak

HIGHLIGHTS

The Department of Gastroenterology became officially functional from 21 Apr 2016. The Department has been strengthened by addition of new faculty and residents as well as other staff. At present there are three faculty members. It is presently involved in super specialty (DM), postgraduate (MD/MS), undergraduate (MBBS) teaching and training programmes. The Department provides all routine outpatients, inpatients, and specialized endoscopic services to the patients. The faculty members regularly attend and present papers in various National and International Seminars, Workshops and Conferences to update their knowledge.

EDUCATION

The DM teaching programme started from Jul 2018 session. Each year we get two DM candidates selected at all India level. At present we have six DM residents. As a part of the DM training programme, we conduct seminar, journal club, case presentation on weekly basis. This is in addition to regular bed side ward teaching rounds. The Department provide the opportunities to its DM residents to participate and present their research works at various regional, national, and international meetings. Residents are evaluated for their progress periodically with various formative assessments. Till now, three DM gastroenterology students have passed out successfully from the department. B.Sc (H) Endoscopy technician course is also approved by institute Academic body. The course will be commencing from next academic year with annual intake of two students. The Department has been involved in multidisciplinary integrated teaching programme for MBBS students.

INFRASTRUCTURE DEVELOPMENT

1. Upper GI Endoscopy & Colonoscopy services
2. ERCP
3. Endoscopic Ultrasound
4. Motorized spirus Enteroscopy
5. GI interventional procedures including POEM
6. GI Day care services
7. Liver and Metabolic Lab (Fibro scan, Nutrition)

HIGH END EQUIPMENT AVAILABLE

1. Spy Glass & EHL System
2. Endoscopic Ultrasound Scope-Linear
3. Water Jet System Erbe
4. Double Channel Therapeutic Scope- Olympus
5. Fibro scan
6. Motorized Spirus Enteroscopy

WORKSHOPS /CONFERENCE/SEMINAR ATTENDED BY FACULTIES

Department faculty members participated as resource person/ delegate in the following events

1. INASL 2021
2. ISGCON
3. ACG 2021(On virtual mode)

4. 9th European Congress of Endoscopic Ultrasonography
5. 3rd GSI-Webinar (Virtual mode)
6. POEM and EMR workshop on 30 Mar 2022 at Department of Gastroenterology, AIIMS, Bhubaneswar.
7. Participated as a resource person in state level training of medical officers (TOT) on national programme for health care of elderly (NPHCE) conducted by department of CM and FM on 17 Feb 2022.
8. Participated as a resource person in workshop on "current trends in the management of liver disorders" on 02 Mar 2022 organised by Central Ayurveda Research Institute, Bharatpur, Bhubaneswar, CCRAS, Ministry of Ayush, Govt of India at Hotel kalinga Ashok, Bhubaneswar.
9. Accepted for oral plenary paper presentation at HUG (Helicobacter and upper gastrointestinal research) 2022 on 18 & 19 Mar at Souel, Korea. "Comparison of the efficacy of triple, quadruple and sequential antibiotic therapy in eradicating Helicobacter pylori infection: A randomized controlled trial"
10. Participated as a resource person in state level training of medical officers (TOT) on national programme for health care of elderly (NPHCE) conducted by department of CM and FM on 10 Mar 2022.
11. Participate as a resource person and presented a case on 1st quarterly meet; IAMM Odisha Chapter 2022 and American Society for Microbiology (ASM) "Tuberculosis: Recent updates and emerging challenges" online CME on 23 Mar 2022

CLINICAL SERVICES DEPARTEMENT OF GASTROENTEROLOGY

(i) Statistics of Outpatient Department Gastroenterology AIIMS, BBSR from Apr 2021 - Mar, 2022

Year	Month	Number of patients
2021	Apr	1652*covid restrictions
2021	May	03*covid restrictions
2021	Jun	85 *covid restrictions
2021	Jul	707
2021	Aug	1400
2021	Sep	2056
2021	Oct	2288
2021	Nov	2366
2021	Dec	1973
2022	Jan	999
2022	Feb	1763
2022	Mar	2380
TOTAL		15699

(ii) Statistics of IPD Admission

Year	Month	Number of patients
2021	Apr	56
2021	May	21
2021	Jun	34
2021	Jul	49
2021	Aug	73
2021	Sep	81
2021	Oct	94

2021	Nov	80
2021	Dec	96
2022	Jan	60
2022	Feb	80
2022	Mar	91
TOTAL		815

(iii) Statistics of Endoscopy Suite, Department of Gastroenterology AIIMS, BBSR from Apr 2021 - Mar, 2022 (Upper Endoscopy, Colonoscopy, Therapeutic Endoscopy, ERCP, Side Viewing Endoscopy, GI Interventional Procedures Including POEM, Endoscopic Ultrasound and Spirus Enteroscopy)

Year	Month	Total procedures
2021	Apr	391
2021	May	64*covid restriction
2021	Jun	135
2021	Jul	296
2021	Aug	393
2021	Sep	512
2021	Oct	467
2021	Nov	420
2021	Dec	474
2022	Jan	320
2022	Feb	414
2022	Mar	564
TOTAL		4450

(iv) Statistics of Fibroscan73

Year	Month	Procedure done
2021	Apr	53
2021	May	0*covid restriction
2021	Jun	4*covid restriction
2021	Jul	48
2021	Aug	60
2021	Sep	94
2021	Oct	82
2021	Nov	92
2021	Dec	83
2022	Jan	50
2022	Feb	50
2022	Mar	73
TOTAL		689

GENERAL MEDICINE

FACULTY

Additional Professor & HOD	Dr Anupam Dey
Additional Professor	Dr Rashmi Ranjan Mohanty
Associate Professor	Dr Sujata Devi
Assistant Professor	Dr Anupama Behera
	Dr Debananda Sahoo
	Dr Dhriti Sundar Das
	Dr Arpita Dash (Joined on 24 Dec 2021)

HIGHLIGHTS

This Department primarily focuses on three core areas like comprehensive quality care to the patients, teaching and training medical, nursing and paramedical students and research activities. The department is a full-fledged post graduate department with an annual intake of six students in two sessions. The department also has to its credit leading collaborative and interdisciplinary research with a host of publications. The present strength of faculty members and Residents strives towards providing best healthcare service to the people of Odisha and neighbouring states. This department caters to one of the maximum patient attendances including both indoor and outdoor units with its 90 bedded wards and 7 bedded medicine ICU. The department has played a major and substantial role in the COVID 19 pandemic. During the pandemic, the department has been involved in training of the various students and staffs of the department in the areas of PPE handling, swab collection, and infection control practices. It has been actively involved in managing and giving quality clinical care to covid patients in both ward and ICU alike including SARI ward. Special clinics services namely Rheumatology and Geriatric OPD has been started to provide holistic care to these group of patients.

EDUCATION

The department conducts a holistic post graduate and undergraduate MBBS teaching programme under the new curriculum which comprises of lectures, seminars, integrated teaching, clinical case conferences, and bedside clinical teachings, among others. Feedback mechanism is also introduced in the UG clinical teaching with the aim to provide better bedside academics. It is also involved in teaching of nursing and paramedical students. Apart from patient care, post graduate training includes journal clubs, seminars, case discussions and faculty teaching. Interdepartmental integrated seminars are also being conducted along with guest lecture talk. The Senior residents of the department are also actively involved in the teaching programme.

CONFERENCES/CME/WORKSHOP ATTENDED & LECTURE DELIVERED/ PAPER PRESENTED

Dr Anupam Dey

1. Attended as Resource person: Two days training of Medicine and Paediatric specialists (TOT) on Management of DF/DHF/DSS for Dengue conducted by NVBDCP Odisha, at AIIMS Bhubaneswar on 25 Mar 2022 Delivered 2 topics- Clinical features and case management of dengue in adults, Dengue Case studies (Adults)
2. Attended 41st Annual Conference of Association of Physicians of India, Odisha State Branch held at KIMS, Bhubaneswar from 17 to 19 Dec 2021. Delivered a lecture "Myocarditis: Not an uncommon complication" on 19 Dec 2021
3. Attended ASPICON 2021 at AIIMS Patna (Annual Conference on Antimicrobial stewardship) from 3 - 4 Dec 2021 (Virtual). Delivered a lecture "A way forward on integrated antimicrobial stewardship practices - experiences from AIIMS Bhubaneswar" on 4 Dec 2021
4. Attended sensitization program on Tuberculosis and Tuberculosis Preventive Therapy held at AIIMS Bhubaneswar on 22 Sep 2021
5. Attended workshop on Online Open book examination at AIIMS Bhubaneswar on 24 Jul 2021 (Virtual mode)
6. Participated as Panelist in the series of Centre of Excellence webinars organized by AIIMS Delhi from May – Jun 2021 (Virtual mode)

Dr Sujata Devi

1. Participated in online Odisha Chest Society monthly CME on "acute exacerbation of ILD" on 20 Nov 2021.
2. Participated in the webinar on "spotlight CKD" by INTAS on 20 Nov 2021.
3. Participated in webinar "highlights of AHA 2021" by Mankind pharma on 17 Nov 2021.
4. Participated as delegate in "panel discussion on early detection of diabetes" by Ajanta pharma (virtual) on 14 Nov 2021.
5. Attended a webinar on "Orientation program on clinical management of patients admitted to COVID patient" at AIIMS, Bhubaneswar on 30 Sep 2021.
6. Participated in a webinar on "World patient safety day" by AIIMS, Bhubaneswar on 17 Sep 2021.
7. Participated in online RSSDI East Zone CME on "hypertension in diabetes" on 11 Sep 2021.
8. Participated as delegate in virtual RSSDI Odisha state conference on 29 Aug 2021.
9. Participated in RSSDI Odisha Chapter midterm CME (virtual) on 8 Aug 2021.
10. Participated in the webinar by INTAS under practice pearls in hypertension-II on 10 Jul 2021.
11. Participated in the webinar on "Symposium on thyrotoxicosis demystified" by INTAS under practice pearls in endocrinology-II on 26 Jun 2021.
12. Participated in the webinar on "Symposium on spotlight SGLT-2 inhibitor-9" by INTAS on 23 Jun 2021.
13. Participated in the webinar on "ECG workshop" on 15 Jun 2021, 26 Jun 2021, 15 Jul 2021, 24 Sep 2021, and 18 Nov 2021.
14. Participated in RSSDI online CME on "RSSDI guidelines 2020: putting into practice" on 5 Jun 2021, 8 Jun 2021 and 12 Jun 2021.
15. Participated in the webinar "E-cross connect 4.0" by INTAS on diabetes symposium and CAD symposium on 22 May 2021.
16. Participated in webinar "Beta-blockade in the management of chronic heart failure" on 15 May 2021.

Dr Anupama Behera

1. Attended online CME at the 57th Annual Clinical Cardio-Diabetes society of India on 19 Nov 2021
2. Participated in FDP on Sample size calculation organised by Research cell, AIIMS Bhubaneswar held at AIIMS Bhubaneswar on 25 Sep 2021
3. Attended National webinar on NAFLD by Chairman of Standing Academic committee of AIIMS Bhubaneswar, Professor Chawla on 13 Jul 2021
4. Attended National webinar on COVID 19 and LIVER (NAFLD) on 30 Jun 2021
5. Attended National webinar on "Antivirals in COVID-19" conducted by AIIMS Delhi on 7 Jun 2021
6. Attended webinar on Management of COVID-19 organised by AIIMS Bhubaneswar and S.C.B medical college and Hospital, Cuttack on 15 May and 22 Jun 2021
7. Attended National webinars on Management of COVID 19 conducted by AIIMS Delhi with regional state centres of excellence from 10-13 May 2021

Dr Debananda Sahoo

1. Attended "Association of Physician of India Conference- APICON (Odisha Chapter)" held at KIMS, Bhubaneswar on 18-19 Dec 2021
2. Attended "Webinar on Healthcare Quality & Patient Safety: Have we moved the (Swiss) Cheese?" organised by AIIMS, Bhubaneswar on 9 Dec 2021
3. Attended 16th APCH-2021 (Asia Pacific Congress on Hypertension) held at New Delhi in hybrid mode from 24 - 28 Nov 2021
4. Participated in FDP on Sample size calculation organised by Research cell, AIIMS Bhubaneswar held at AIIMS, Bhubaneswar on 25 Sep 2021
5. Attended online Faculty Development Programme on Creative thinking on 12-14 Aug 2021 conducted by JIPMER, Puducherry and organized by MEU, AIIMS, Bhubaneswar on 12-14 Aug 2021

6. Attended Approaches and Strategies in writing Systematic Review and Meta-analysis (e-Workshop) organized by IAMBSS, India co-organized by ICMR from 30 Jul – 4 Aug 2021
7. Attended Webinar on Picking the right journal and getting published organized by Wolters Kluwer, AIIMS Bhubaneswar and Editage on 27 Jul 2021
8. Attended National webinar on "NAFLD: Population level strategies for prevention" held on organised jointly by Institute of Liver and Biliary Sciences, New Delhi and AIIMS, Bhubaneswar on 30 Jun 2021
9. Participated in the Joint Meeting ESH-ISH 2021 ON AIR (virtually) held from 11-14 Apr 2021

Dr Dhriti Sundar Das

1. Attended Online AIIMS BBSR research talk by Dr Ramanath Mishra, Retd professor Rheumatology, SGPGI on 30 Mar 2022
2. Attended online guest lecture in geriatric medicine by Dr AB Dey, founder Head of geriatric medicine at AIIMS New Delhi, organised by Dept of General Medicine, AIIMS Bhubaneswar on 2 Mar 2022
3. Attended online Research talk on "Quality improvement – A new paradigm for Healthcare professionals" organised by Research cell, AIIMS, BBSR on 22 Feb 2022
4. Attended a joint national webinar on "Recent Advancements in prevention and control of hepatitis B and C" organized by the National Academy of Medical Sciences and the ILBS university, New Delhi on 14 Feb 2022
5. Attended webinar "Pearls for Practitioners" organized by MediBeats on 26 Jan 2022
6. Attended webinar on "Antibodies therapy in COVID 19" by Dr Manoj Panigrahi, Additional Professor, Pulmonary Medicine, AIIMS, Bhubaneswar, organized by Odisha Chest Society on 22 Jan 2022
7. Participated in online R program learning organized by Sci-tech, Lucknow from 21 – 27 Dec 2021
8. Attended guest lecture online on "Demystifying COVID 19 Vaccination" by Dr Sanjay K Rai (Professor of CMFM in AIIMS new delhi and president Indian Public Health Association) on 2 Nov 2021
9. Attended webinar on 'Research in Health System - Breaking the Mould' by Dr Sunil Nandraj, Health system expert, Former WHO Consultant organised by Research cell, AIIMS, BBSR on 26 Oct 2021
10. Attended webinar on Helicobacter pylori by Gastrointestinal infection society of India on 16 Oct 2021
11. Attended webinar on "Tracking Retractions" by Dr Venkatesh Madhugiri, NIMHANS, organised by Research Cell, AIIMS Bhubaneswar on 28 Sep 2021
12. Participated in TB sensitization workshop by pulmonary medicine dept, AIIMS Bhubaneswar held at AIIMS Bhubaneswar on 22 Sep 2021
13. Participated in FDP on Sample size calculation organised by Research cell, AIIMS Bhubaneswar held at AIIMS Bhubaneswar on 25 Sep 2021
14. Attended online "SEPSISCON 2021" organised by sepsis forum of India in 11 Sep 2021
15. Attended JE surveillance program organised by microbiology dept, AIIMS Bhubaneswar held at AIIMS Bhubaneswar on 6 Sep 2021
16. Attended online sessions for IMRAD classes by Dr Gitanjali Batmanabane on 28 Aug, 4 Sep and 11 Sep 2021
17. Attended the virtual conference of ISHAM- International Society for Human and Animal Mycology held on 6-8 Aug 2021 and presented an e- poster "Candidaemia in an immunocompetent patient – A diagnostic blind spot"
18. Participated in FDP on Research methodology by Research cell, AIIMS Bhubaneswar in 17 Jul 2021
19. Attended National webinar on COVID 19 and LIVER (NAFLD) on 30 Jun 2021
20. Attended National webinar on "Antivirals in COVID-19" conducted by AIIMS Delhi on 7 Jun 2021
21. Attended webinar on Management of COVID-19 organised by AIIMS Bhubaneswar and S.C.B medical college and Hospital, Cuttack on 15 May and 22 Jun 2021
22. Attended National webinars on Management of COVID 19 conducted by AIIMS Delhi with regional state centres of excellence from 10 – 13 May 2021

AWARDS, HONORS & SIGNIFICANT EVENTS

1. Dr Anupam Dey was nominated National Board of Examinations Assessor (under MOHFW, Govt of India) for accreditation of Gen Medicine department for DNB course (Oct 2021)
2. Dr Anupam Dey was Member of Joint monitoring group constituted by DGHS, Govt of India, for deliberation on Oxygen therapy for the management of COVID patients at home.
3. The Department is involved in imparting online OPD services to the primary health centres of Odisha as part of eSanjeevani OPD throughout the year
4. The Department has participated in Swachhata abhiyan as part of Central Government initiative on 18 Oct 2021
5. Centre of Excellence programme:
Dr Anupam Dey has imparted training to Doctors of state of Odisha and West Bengal under the Regional Centre of Excellence Training programme for COVID management from 28th May 2021 onwards for 2 months. Delivered the topic "Dos and Don'ts in COVID – 19 Home Isolation" on 24 Jun 2021. Panelist in all the other topics covered under the Training programme
6. The faculty members were deputed to various states of India as Central Multidisciplinary team to aid the efforts of the state regarding COVID-19 management.
7. Dr Anupama Behera was deputed to Jalgaon district, Maharashtra, as a central multi-disciplinary team expert, to aid the efforts of state and district administration for management of COVID-19 in the month of Apr 2021. She was involved in assessing the situation, suggested remedial action and worked with district health officials and finally reported to the state and Union health ministry.
8. Dr Dhriti Sundar Das was deputed to Buldhana, Maharashtra, as central multidisciplinary team for ground assessment of COVID-19 situation and suggested remedial action with submission of report to the Central Government
9. Dr Anupam Dey was a Member of COVID working group of AIIMS Bhubaneswar
10. Adoption of Online mode of Teaching (Theory and Practical) and online mode of examinations during COVID pandemic
11. Medicine department has admitted and treated COVID patients

PATIENT CARE / HOSPITAL SERVICES

Departmental statistics:

1. Total OPD patients: 53648
2. Total Indoor ward admissions: 2344
3. Total ICU admissions: 234
4. Total Private Ward admissions: 72
5. Total Telemedicine consultations: 7840
6. Total Special clinics (Rheumatology and Geriatrics): 103

Day Care services – Day care treatment including minor diagnostic procedures and parenteral medications are being given to needy patients attending OPD

Special Rheumatology Clinic (runs every Fri from 2- 5 PM) -

Management of rheumatological diseases including administration of biologicals/biosimilars (Adalimumab etc.). Institution of biologicals /intraarticular injections are done.

Special Geriatric Clinic (runs every Tue from 2 -5 PM) –

Elderly patients over 65 years with special needs are managed and followed up. Multidisciplinary care is provided to the needy.

Creation of new facilities for improved patient care and safety. Opening up of new medicine ward for faster, greater and efficient catering of increasing patient load

Emergency Services: Round the clock emergency services are provided by the Department of General Medicine. Doctors are posted in rotation to provide full 24 hours service to the patients in both covid and non-covid areas.

Balasore Satellite Centre of AIIMS Bhubaneswar- OPD services are provided by the faculties and the residents of the Department on regular basis as per roster.

rissadiary.com

Rheumatology Special Clinic started at AIIMS Bhubaneswar



By OdAdmin on March 7, 2022

Starting of Rheumatology Special Clinic in General Medicine

AIIMS-BBSR opens special geriatric clinic



EXPRESS NEWS SERVICE @ Bhubaneswar

The clinic will function from 2 pm to 5 pm on every Tuesday. Along with Dr Mohanty, other faculty of Medicine including Dr Anupama Behera and Dr Dhriti Sundar Das will also take care of patients.

AIIMS-Bhubaneswar has also introduced a robust newborn hearing screening protocol in collaboration with All India Institute of Speech and Hearing, Mysore for screening of newborns for any congenital hearing loss within 48 hours

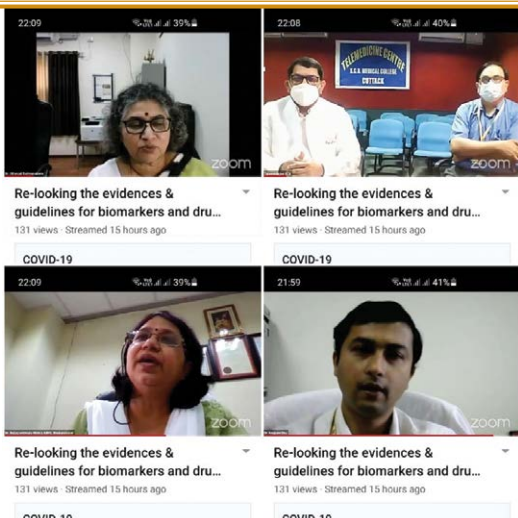
Starting of Geriatric special clinic in General Medicine



Inauguration of new Medicine ward by the Director AIIMS Bhubaneswar



Dr Anupam Dey spoke on Omicron variant of COVID in Parikrama show on DD Odia On 4th Dec 2021.



Dr Anupam Dey as panelist in the Regional Centre of Excellence programme for imparting training in COVID management (May 2021)

८ एप्रिल २०२१, गुरुवार वर्ष १० वे अंक ७ पृष्ठ ८

कोरोना आढावा घेण्यासाठी केंद्रीय पथक बुलडाण्यात



बुलडाणा, ८ एप्रिल (मुझ इन्फॉर्मिंग सिटी) : कोरोनाने महाराष्ट्रात चांगलेच बस्तान मांडले आहे. केंद्रीय आरोग्य विभागाकडून कोरोनाचा आढावा घेण्यासाठी २ जणांचे पथक आज बुलडाण्यात दाखल झाले. या पथकात राष्ट्रीय रोग नियंत्रण केंद्राचे उपसंचालक डॉ. नविन वर्मा आणि धुवनेश्वर एसचे सहा, प्राथमिक डॉ. धीरीसुंदर दास यांना समावेश आहे. आणखी दोन दिवस थांबून ते कोरोना प्रतिबंधात्मक उपाययोजनांबाबत

मार्गदर्शन करणार आहे. सुरुवातीला या पथकाने जिल्हाधिकारी एस. रामामूर्ती यांची जिल्हाधिकारी कार्यालयात भेट घेतल्यानंतर येथील शासकीय कोव्हिड सेंटर वूमन्स हॉस्पिटलला पथकाने भेट दिली. जिल्ह्यात इतरही ठिकाणी हे पथक जाणार असल्याचे कळते. कोरोनाच्या बाबत निव्वहा प्रशासनाने कोणत्या उपाययोजना केव्हायत आणि कुठे चुकी राहत आहे का? याकडेही पथकाचे बारीक लक्ष असणार आहे.

Dr Dhriti Sundar Das during Buldhana, Maharashtra visit as central Multidisciplinary team deployment for COVID 19 Management in Apr 2022

GENERAL SURGERY

FACULTY

Professor & HOD	Dr Manash Ranjan Sahoo	Additional Professor	Dr S Manwar Ali
Professor	Dr Tushar Subhadarshan Mishra	Associate Professor	Dr Pankaj Kumar
	Dr Shantanu Kumar Sahu	Assistant Professor	Dr Pradeep Kumar Singh
Additional Professor	Dr Prakash Kumar Sasmal		Dr Bikram Rout
	Dr Mithilesh Kumar Sinha		Dr Monika Gureh

HIGHLIGHTS

The Department welcomed Dr Monika Gureh as an Assistant Professor. She is particularly interested in the management of complicated hernias. The department organized a national conference in association with Indian Association of Surgical Gastroenterology (IASGCON-2021) on 9 and 10 Oct 2021. The department also organized a live operative workshop on "Benign anorectal diseases" on 23 Oct 2021.

EDUCATION

Regular seminars, guest lectures, and workshops are offered by the department to both postgraduates and undergraduates. Two PDF candidates are accepted by the department for Minimal Invasive Surgery.

CONFERENCES/CME/WORKSHOP ATTENDED & LECTURE DELIVERED/PAPER PRESENTED

Dr Manash Ranjan Sahoo

1. Attended executive committee meeting of Association of Surgeons of India held at Chennai on 27 Mar 2022.
2. Participated in the 79th Fellowship of Minimal Access Surgery skill course organized by the Association of Minimal Access Surgeons of India and delivered a lecture on "CBD Stone: Laparoscopic management" held on 25 Feb 2022.
3. Participated in the Indian Chapter of International Hepato-Pancreato-Biliary Association conference and presented a paper on "Warshaw Procedure" on 12 Feb 2022.
4. Participated in 6th Gastro Summit organized by GEMAS at Hotel Taj Bengal, Kolkata and present a talk on "Surgical Management of Chronic Pancreatitis from 17-18 Dec 2021.
5. Attended 81st National Conference of Association of Surgeons of India (ASICON) as a panellist in a session titled "Postoperative Bile leak - the paths to follow" on 18 Dec 2021.
6. Attended Annual Conference of Minimal Access Surgeons of India (AMASICON 2021) and presented his work on "Spleen Preserving distal pancreatectomy" from 26-28 Nov 2021.
7. Participated in the 36th Odisha Surgical Society Association conference 2021 and presented a paper titled "Laparoscopic spleen preserving Distal Pancreatectomy" on 14 Nov 2021.
8. Attended 18th Conference of Jodhpur Surgical Society on 31 Oct 2021.
9. Delivered a guest lecture on "Laparoscopic Frey's Operation Personal Experience in A Tertiary Care Centre", at American Clinical Congress 2021, on 24 Oct 2021.
10. Attended Indian Association of Surgical Gastroenterology (IASGCON-2021) organized by AIIMS, Bhubaneswar, from 9 to 10 Oct 2021.
11. Attended CME on Benign Pancreatic Diseases organized by Surgical Gastroenterology association and delivered a talk on "Minimally Invasive Surgery for Chronic Pancreatitis" on 25 Sept 2021.
12. Delivered a lecture on "Procedure for Inguinal Hernia (Step by step approach with video)" in Fellowship of Minimal Access Surgery skill course conducted by Minimal Access Surgeons of India, on 04 Jun 2021.
13. Attended ANZAWR 2021 conference conducted by High tech Surgery association on 29 May 2021.

Dr Tushar Subhadarshan Mishra

1. Attended mid-term annual conference of Indian Association of Surgical Oncology (IASO) held at the State Convention Centre, Shillong from 26 - 27 Mar 2022 and presented his research work "Enhanced Recovery after Surgery in Gastric

Cancer-A Randomized Clinical Trial".

2. Attended the PG Clinical Update held online, organised by Lady Hardinge Medical College, Delhi and chaired the operative surgery session from 21-31 Jan 2021
3. Attended 81st national virtual conference organized by the Association of Surgeons of India (ASICON) and present a paper titled "Stage IV Cancer Rectum-What is new?" on 17 Dec 2021.
4. Organised a Basic Surgical Skills and Suturing workshop for residents at AIIMS Bhubaneswar on 21 Nov 2021.
5. Attended the 36th Odisha Surgical Society Association conference 2021, online and presented a paper titled "Mesh fixation in TEP. What does the evidence say?" on 14 Nov 2021.
6. Attend the Annual Conference of the Association of Colon and Rectal Surgeons of India (ACRSICON) 2021 held at Mumbai on 12 and 13 Nov 2021 and presented a video on "Laparoscopic Right hemicolectomy-in the emergent setting"
7. Attended the American Clinical Congress 2021 organized by American College of Surgeons online from 25 to 28 Oct 2021.
8. Organized "Benign Anorectal Workshop" and demonstrated various benign anorectal procedures to the participants in the operation theatre at AIIMS, Bhubaneswar on 23 Oct 2021.
9. Attended the virtual conference organized by World Society of Emergency Surgery (WSES) from 07 to 10 Sept 2021 and presented his paper titled "Spontaneous tumour rupture of GIST".
10. Attended the virtual Singapore Colorectal Week Conference on 14-15 Aug 2021.
11. Attended the 1st Virtual Breast Global Conference from 25-27 Jun 2021.
12. Attended the virtual conference, Australia New Zealand Abdominal Wall Repair (ANZ AWR) 2021 organised by conducted by High tech Surgery association on 21 May 2021.
13. Attended the Annual conference organized by Korean Society of Endoscopy & Laparoscopic Surgeons (KSELS 2021) from 22 to 24 Apr 2021.
14. Attended the virtual Aligarh Muslim University (AMU) Update 2021 from 6-8 Apr 2021 and chaired a session.

Dr Shantanu Kumar Sahu,

1. Attended Indian Association of Surgical Gastroenterology (IASGCON-2021) conference, organised by AIIMS, Bhubaneswar, from 9-10 Oct 2021.

Dr Prakash Kumar Sasmal

1. Participated in the 79th AMASI Skill Course & FMAS of the Association of Minimal Access Surgeons of India at online courses as a faculty held from 25 to 27 Feb 2022 and delivered the lecture titled "Laparoscopic management of Rectal Prolapse (Step by step approach with HD video).
2. Invited Faculty as a panellist in the session on "Lower Gastrointestinal Bleeding" in the National Conference of the Association of Surgeons of India- ASICON 2021 held on the online platform on 19 Dec 2021.
3. Participated in the 36th Odisha Surgical Society Association conference (OSASICON 2021) virtual platform held on 14 Nov 2021 and presented a free paper titled "Intestinal Tuberculosis: Diagnosis and management".
4. Participated in the Association of Colon and Rectal Surgeons of India Conference (ACRSICON 2021) held at Mumbai, on 12-13 Nov as a delegate and present an operative video titled "Laparoscopic Sugarbaker technique in recurrent Parastomal hernia" in the Abbott Best Video section.
5. Organized "Benign Anorectal Workshop" and demonstrated various benign anorectal procedures to the participants on 23 Oct 2021 in the operation theatre at AIIMS, Bhubaneswar.
6. Participated in the Association of Surgeons of India, TYSA RRC program "Final phase" as an examiner in the online mode on 21 Sep 2021.
7. Attended the "ANOCON 2021" the Mid-term Conference of the Odisha State ASI held on 12 Sep at Rourkela as a Faculty and presented two topics "Rubber band ligation: An office procedure for Internal Hemorrhoids" and "Laparoscopic Management of Rectal Prolapse".
8. Participated in the Association of Surgeons of India TYSA RRC program as an examiner in the online mode on 30-31 Aug 2021.

9. Participated in the 78th AMASI Skill Course & FMAS of the Association of Minimal Access Surgeons of India online courses as a faculty held on 6 Aug 2021 and presented the lecture titled "Laparoscopic management of Rectal Prolapse (Step by step approach with HD video)".
10. Attended the virtual conference of the Indian Association of Surgical Gastroenterologists (IASGCON 2021) held at AIIMS, Bhubaneswar from 18-20 Jul 2021.
11. Attended the virtual conference 'International Summit for Treatment of Anal Fistula (INSTA) 2021 on 18 Jul 2021.
12. Participated in the "Live symposium on laparoscopic Cholecystectomy- What next" as a panellist for a session on "Bleeding complications during/after Laparoscopic Cholecystectomy" organised by the Delhi state ASI on 3 Jul, 2021.
13. Participated in the 77th AMASI Skill Course & FMAS of the Association of Minimal Access Surgeons of India at online courses as a faculty held on 4 Jun 2021 and presented the lecture titled "Laparoscopic management of GERD (Step by step approach with HD video)".
14. Participated in the 48th Annual Congress and 11th International Symposium of the Korean Society of Endoscopic and Laparoscopic Surgeons – KSELS 2021, virtual conference held from 22 - 24 Apr 2021 and presented an oral presentation titled "Minimal access surgery in Hydatid disease: Our Experience with Tips and Techniques" and two videos accepted in the Best video category titled "Laparoscopic mesh repair of a large left sided Bochdalek's hernia with multiple viscera" and "Laparoscopic excision of Insulinoma in the pancreas: Tips and techniques" and an E-poster titled "Laparoscopic radical cholecystectomy for gallbladder carcinoma."
15. Participated in the 24th ACRSI Instructional Course in Coloproctology, organised virtually by the Association of Colon and Rectal Surgeons of India (ACRSI) held from 2-4 Apr 2021 as a delegate.

Dr Mithilesh Kumar Sinha

1. Attended "Workshop on creative thinking" organised by MEU AIIMS Bhubaneswar from 12-14 Aug 2021.
2. Attended Indian Association of Surgical Gastroenterology (IASGCON-2021) conference, organised by AIIMS, Bhubaneswar, from 9 to 10 Oct 2021.
3. Participated in one day workshop on benign anorectal procedures held at AIIMS Bhubaneswar on 23 Oct 2021. Performed and live demonstrated "Karydak's procedure for pilonidal sinus".
4. Attended Asian Society of Mastology virtual Conference 2021, from 12 – 14 Nov 2021 and presented a scientific paper titled "Tamoxifen in mastalgia: A systematic review".
5. Attended National Conference of the Association of Surgeons of India (ASICON 2021) and presented a poster titled "Posterior peptic perforation and CECT abdomen" on 10 Dec 2021.
6. Attended "Joint national language scientific conference" held at NISER Bhubaneswar on 15 Mar 2022 and presented "Corona epidemic: challenges, treatment and effect on human life".

Dr S Manwar Ali

1. Attended Asian Society of Mastology, International Women's Day Breast CME on 5 Mar 2022.
2. Attended online Hepato-Pancreato-Biliary Association session on minimally invasive liver resection on 24 Feb 2022.
3. Attended online CME "Let's talk about leaks" by Advances in Surgery on 24 Feb 2022.
4. Participated in basic surgical skills and suturing workshop as faculty on 21 Nov 2021 conducted by Department of General Surgery at AIIMS Bhubaneswar.
5. Participated in Ano-Proctology workshop as faculty which was conducted by Department of General Surgery AIIMS Bhubaneswar on 24 Oct 2021.
6. Attended online CME on "Mini-laparoscopy for Inguinal hernia - The truth behind the pretty face?" on 15 Jan 2022, organised by Hernia Society of India.
7. Attended and successfully completed the training on structured research documentation through Microsoft Word and Mendeley from 19 Jul-17 Aug 2021, organized by Odisha Social Science Research and Consultancy, Bhubaneswar.
8. Attended online workshop "Online open book examination" held on 24 Jul 2021, organised by Medical Education Unit AIIMS, Bhubaneswar.
9. Participated in International Summit on Anal Fistula on 17 Jul 2021 on a virtual platform.

10. Participated in National Webinar on Non-alcoholic Fatty Liver Disease: Population level strategies for prevention, conducted by Institute of Liver and Biliary Sciences New Delhi and AIIMS Bhubaneswar on 30 Jun 2021.
11. Participated in 2021 ASEAN Colorectal Virtual forum on 17 Jun 2021.
12. Participated in a webinar on "Minimally Invasive Hepato-Pancreato-Biliary surgery" conducted by Hepato-Pancreato-Biliary Association of Singapore on 22 May 2021.
13. Attended one day hands on training on Robotics surgery on mannequin organized by Surgical Oncology at AIIMS, Bhubaneswar, on 8 Apr 2021.

Dr Pankaj Kumar

1. Completed online course on the Grant Management, organized by St John's research Institute, Bengaluru, from 1-28 Feb 2022.
2. Presented his research work on "Endorectal advancement flap for fistula in Ano" at Association of Surgeons of India conference (ASICON) on 19 Dec 2021 and won first prize in its category.
3. Attended European Society of Coloproctology Global Reach Webinar, 'Bridging Global Research and Practice' on 3 Dec 2021.
4. Demonstrated the surgical technique on "Endorectal advancement flap for Fistula in Ano" and presented his research work "FRAIL trial" at Association of Colorectal Surgeons of India conference on 12 Nov 2021, held at Mumbai.
5. Attended the Annual Congress of Association of American College of Surgeons (ACS Clinical Congress-2021) from 23 to 27 Oct 2021.
6. Organized "Benign Anorectal Workshop" and demonstrated various benign anorectal procedures to the participants on 23 Oct 2021.
7. Delivered a guest lecture on "Fistulectomy with primary sphincteroplasty", at the midterm CME of the Odisha State Chapter of Association of Surgeons of India (ASI), at Rourkela, Odisha, on 12 Sep 2021.
8. Attended "Interactive Virtual Encounters (ACTIVE) Webinar with the title "Doing trauma and leaving a legacy: the spirit of collaboration and passion for innovation", organized by Asian collaboration for trauma held on 19 Aug 2021.
9. Attended the virtual conference organized by Indian Association of Surgical Gastroenterologist (IASGCON 2021) from 18-20 Jul 2021.
10. Attended the virtual conference 'International Summit for Treatment of Anal Fistula (INSTA) 2021 on 18 Jul 2021.
11. Attended the virtual conference "Fistulacon", organized by Association of Colorectal Surgeons of India on 17 Jul 2022.
12. Completed "One week online basic course on Biomedical Research", organized by Science Tech Institute, Lucknow, from 21-27 Apr 2021.
13. Attended 24th Association of Colorectal Surgeons of India (ACRSI) instructional course in coloproctology from 2-4 Apr 2021.

Dr Pradeep Kumar Singh

1. Attended the Association of Colon & Rectal Surgeons of India (ACRSICON) 2021 conference at Powai, Mumbai from 12-13 Nov 2021.
2. Live demonstration of LIFT procedure for complex Fistula-in-Ano in Workshop on Benign Anorectal Procedures organised by Department of General Surgery on 23 Oct 2021.
3. Attended INSTA (International Summit for Treatment of Anal Fistula) 2021 online conference organized by Garg Fistula Research Institute held on 17 Jul 2021.

Dr Bikram Rout

1. Participated in Benign Anorectal Procedures workshop organized by Department of General Surgery AIIMS Bhubaneswar on 23 Oct 2021 and demonstrated Fistulectomy procedure.
2. Attended the National Level Annual Workshop and Academic Fest WISSEN 4.0 at AIIMS Bhubaneswar from 24-26 Sep 2021 as a trainer in surgical skills.
3. Attended the Fellowship course in Advanced Laparoscopic Surgery in Upper GI Surgery (FALS UGI) at New Delhi from 10-12 Sep 2021.

PATIENT CARE / HOSPITAL SERVICES

Total OPD registration: 31324

Minor OT: 583

Coloproctology Clinic:2967

Dressing Room:5500

Biopsy:382

Major OT:1192

IPD Admissions:1997

Teleconsultation :4466

AWARDS, HONORS & SIGNIFICANT EVENT

Dr Prakash Kumar Sasmal was conferred with the FACRSI after successful passing of the examination.

Dr Mithilesh Kumar Sinha was awarded 5th prize in scientific paper presentation at ASOMACON 2021. Dr Pankaj Kumar presented his research work on "Endorectal advancement flap for fistula in Ano "at Association of Surgeons of India conference (ASICON) on 19 Dec 2021 and won first prize in its category.

PG Seminar - 146

UG Teaching -

Theory Class-261

Clinical Class-659



Organising team - IASGCON2021



IASGCON 2021



Benign Anorectal Workshop

HOSPITAL ADMINISTRATION

FACULTY

Professor & HOD	Dr Jawahar S K Pillai
Additional Professor	Dr (Maj.) Mukunda Chandra Sahoo

HIGHLIGHTS

The Department of Hospital Administration has been functioning since 2016. The Department ensures seamless daily Hospital operations and develops strategic plans to improve services to both patients & employees. The team has been instrumental in taking the lead role in various activities related to Swachhata Movement under the Kayakalp initiative and healthcare quality improvement. Awareness events like Swachhata Pakhwada which included mass cleaning drive, Swachhata pledge, painting competitions among children, soap distribution, hand hygiene training, etc were organized. Many webinars like clinical audit, incident reporting, and patient safety were conducted under the auspices of AIIMS Bhubaneswar Quality Council (ABQC).

The Department has been spearheading the COVID-19 management at the institute. The Department in coordination with the engineering division & others developed the COVID-19 isolation facilities like emergency triage, COVID-19 wards, ICUs, Operation Theatres, and Labour Room as per infection control guidelines at various locations in the hospitals. Several online & offline training sessions were conducted for combating the pandemic focusing on knowledge & practices along with the moral build-up of the staff.

An administrative 'Control Room' is run by the Department on a 24x7 basis for the hospital services. The Department also initiated telemedicine services through which, more than 1.5 lakh consultations were done. A self-defense Taekwondo training session was also supported by the Department under the Fit India Movement. The Department also manages the patient services at AIIMS Satellite Centre, Balasore & monitors the progress of the OPD block (Phase-1) of the Satellite center.

EDUCATION

The Department is conducting MD in Hospital Administration since Jan 2019. The academic sessions consist of seminars and lectures, group discussions, a media mirror for updates on current affairs, journal clubs & case discussions. The faculty and residents are also engaged in taking academic sessions on hospital and healthcare management topics for students in other Departments and for the College of Nursing. They are also engaged in continuous educational training programs on occupational health hazards like needle stick injuries, body fluid exposure, and hand hygiene to resident doctors, and nursing officers and training on cleaning and disinfection methods for sanitary attendants through the Human Resource Development (HRD) cell. The Department has conducted induction training programs for nursing officers in which the residents and faculty members take sessions on biomedical equipment management, workplace safety, patient safety, incident reporting, infection control, public relations, grievance handling & communication skills. The Department had also organized several national-level education webinars for improving healthcare quality like Clinical Audit, Incident Reporting, and Patient Safety. The Department has also proposed a post-doctoral fellowship in Healthcare Quality & Patient Safety, and it has been approved.

CONFERENCES/CME/WORKSHOP ATTENDED & LECTURE DELIVERED/ PAPER PRESENTED

Dr Jawahar S K Pillai

1. Participated as a Resource person in the promotional training program on 'Unit Management' for Senior Nursing Officers, held at College of Nursing, AIIMS Bhubaneswar from 28 Feb - 06 Mar 2022, organized by College of Nursing & Department of Nursing Services.
2. Attended the Conference SASH 2021 on 4-5 Dec 2021 at Amrita Institute of Medical Sciences, Kochi (Virtual Mode).
3. Attended and completed Lean Six Sigma Green Belt Certification conducted by Training and Capacity Building (TCB) Cell, QCI on 28-30 Oct 2021.
4. Presented the paper entitled 'Study on Hand hygiene compliance among healthcare workers at AIIMS Bhubaneswar' in a poster presentation on 9th Annual day & 1st Research Day of AIIMS Bhubaneswar on 21 Sep 2021

Dr (Maj) Mukunda Chandra Sahoo

1. Invited as an External examiner for MHA student at KIIT School of Public Health, KIIT Deemed to be University, Bhubaneswar on 16 Feb 2022.
2. Attended the Conference SASH 2021 on 4 - 5 Dec 2021 at Amrita Institute of Medical Sciences, Kochi (Virtual Mode).
3. Participated in the 5th World Congress on DISASTER MANAGEMENT; 24 – 27 Nov 2021 at New Delhi, India.
4. Chaired two technical sessions in the 5th World Congress on DISASTER MANAGEMENT; 24 – 27 Nov 2021 at New Delhi, India.
5. Presented the paper entitled 'Role of Training in Improving the Knowledge and Practices of Healthcare Professionals (HCPs) in Biomedical Waste Management at AIIMS Bhubaneswar.' in a poster presentation on 9th Annual day & 1st Research Day of AIIMS Bhubaneswar on 21 Sep 2021.

PATIENT CARE / HOSPITAL SERVICES

The Department of hospital administration is managing the Control room on a 24x7 basis at the Ground floor, near MS Office. It is the hub of administrative activities in the hospital. The nature & scope of control room activities is varied ranging from day-to-day operational issues, complaints & grievances of patients and employees, coordinating COVID-19-related activities, and coordinating activities for emergency healthcare services at times of disaster like cyclones, mass casualties, VIP movement, etc.

All the issues are managed in consultation with the Medical Superintendent and faculty members of the Department of Hospital Administration. This facility also serves as the single-point contact center for any communication related to hospital services.

The faculty members of the Department are involved in the supervision of Telemedicine services, Human Resource Development Cell (HRD) Cell, Website, Hospital infection Control Committee, Hospital Signages, Housekeeping & sanitation Services, Horticulture & hospital up-keep, Quality Improvement Programs - AIIMS Bhubaneswar Quality Council & I-RAPS, Reply to Parliamentary Questions, RTI & Public Grievances, IEC development, Facility management, AIIMS Satellite Centre-Balasore & Facilitation of Kayakalp Assessments.

Some of the other initiatives by the Department are bilingual OPD patient information sheet, Health Check-up Camps for Housekeeping Staff, development of SOPs- COVID-19 SOP 1 & 2, Crash Cart Manual, Biomedical Waste Management Manual, Housekeeping Manual, Ayushman Bharat Manual, Hospital Infection Control SOP, Distribution of N95 masks for Healthcare workers during COVID-19 pandemic, COVID-19 Appropriate Behavior Campaign, Swachhata Pakhwada under Swachhata Action Plan, etc.

The Department has also initiated proposals namely a UPI (QR Code) payment system, Skill Development Programs, TV networking in hospital blocks, digital signages, Garden Lighting, Pavement Barriers for traffic management, Roofing of pavements for patient waiting, Water Conservation through aerated taps, UV lights inside Air Handling Units (AHU) for air disinfection in COVID-19 units and installation of mosquito nets in windows.

Procurement of Medicine Boxes, Sewer cleaners, high-level scissor ladders, suggestion boxes, Fire Safety installations, etc. has been initiated by the Department of Hospital Administration.

AWARDS, HONOURS & SIGNIFICANT EVENTS**Dr Jawahar S K Pillai**

1. Nominated as an external expert in the committee for establishing Medical College and Hospital by Mahanadi Coal Fields.
2. Principal Assessor, National Accreditation Board for Hospitals & Healthcare Providers (NABH)
3. Qualified ISO Auditor- ISO 13485:2016
4. Reviewer of Journal of Academy of Hospital Administration
5. Nodal officer, AIIMS, Bhubaneswar for Kayakalp, Swachhata Action Plan, Telemedicine Services & Ayushman Bharat scheme

Dr M C Sahoo

1. Nodal Officer of the Satellite Center, Balasore.
2. Deputy Nodal Officer for Kayakalp



Dept. of Hospital Administration



Kayakalp Final Assessment Team



Kayakalp External Assessor Visit

MEDICAL ONCOLOGY/HAEMATOLOGY

FACULTY

Professor & HOD	Dr Prabodha Kumar Das
Associate Professor	Dr Sonali Mohapatra
	Dr Asutosh Panigrahi
	Dr Sourav Kumar Mishra
Assistant Professor	Dr Debasish Sahoo
	Dr Ilavarasi V

HIGHLIGHTS

The Department of Medical Oncology/ Haematology started its journey with a single faculty in 2016 and has grown by leaps and bounds ever since. The Department boasts of faculty trained in the specialties of clinical hematology, medical oncology and pediatric hematology and oncology. Since its inception, the Department of Medical Oncology/ Hematology has been actively involved in patient care, academics and research activities. It caters to a wide spectrum of patients, infants and young children to adults and geriatric patients, benign and malignant hematological disorders as well as solid tumours of all age groups. With the joining of faculty of Medical Oncology, the Department has been able to provide services to patients with solid tumours as well. The Department has recently opened a well-equipped intensive care unit to cater to sick hematology and oncology patients.

EDUCATION

The Department has been running Postgraduate Course (DM) in Clinical Haematology since Jan 2019. Currently six students are undertaking DM courses in Clinical Haematology. AIIMS, Bhubaneswar is the first Institute in the state of Odisha to offer DM course in Clinical Haematology. DM students have structured program which consist of topic seminar, journal club, clinico- pathological meeting, radiology meeting, case presentations and grand rounds. The Department is also successfully running one - year post- doctoral fellowship (PDF) courses in Clinical Hematology and Pediatric Hematology Oncology, with intake of two students each per year. The Department is planning to start DM courses in Medical Oncology and Pediatric Hematology Oncology shortly. The Department is also actively involved in Integrated Undergraduate MBBS teaching classes, Bedside Clinical Classes for undergraduate students and teaching of postgraduate students of different disciplines. The Department is also involved in teaching of B.Sc. Nursing and other paramedical students. The Department is actively involved in various teaching programs of the Institute. The Department also conducts inter-Departmental seminars with Pathology, Paediatric Surgery, Surgical Oncology, Radiology and Radiotherapy Departments.

CONFERENCES/CME/WORKSHOP ATTENDED & LECTURE DELIVERED/ PAPER PRESENTED

Dr Sonali Mohapatra

1. Panelist in the discussion on Relapsed Refractory Germ cell Tumours- Management Dilemmas in 24th Annual Pediatric Hematology-Oncology Conference, 10-11 Dec (PHOCON 2021). (Virtual)
2. Invited speaker for a talk on NOAC in the 62nd Annual conference of the Indian Society of Haematology and Blood Transfusion (Haematocon 2021), 10-13 Nov 2021. (Virtual)
3. Invited speaker for "Pre-Platinum Jubilee CME" on "Overview of Pediatric cancers" conducted by the Dept. of Pediatrics, SCB Medical College, Cuttack on 30 Aug 2021.
4. Moderator of panel discussion on sickle cell anemia in the webinar conducted by PHO chapter of IAP Odisha on World Sickle cell Day 19 Jun 2021.
5. Panelist in the discussion on sickle cell disease in the webinar conducted by AIIMS Bibinagar on 21 May 2021.
6. Invited speaker for a talk on "Treatment and follow up of thalassemia including recent updates" by PHO chapter of IAP Kerala on International Thalassemia Day Observance 2021 on 15 May 2021. (Virtual)

Dr Ashutosh Panigrahi

1. Attended the 6th BeSHCON 2022 (Hybrid), 18-19 Feb 2022.
2. Attended the 62nd Annual Conference of the Indian Society of Hematology & Blood Transfusion, 10-13 Nov 2021.

PATIENT CARE/HOSPITAL SERVICES

The Department has been providing dedicated hematology and oncology services to all strata of the society across all age groups. With the initiation of medical oncology services, the Department has only widened its scope of services to the patients. It caters to patients belonging to Odisha as well as neighboring states like West Bengal, Jharkhand, Chhattisgarh and Bihar. The outpatient Department runs for three day a week. There are well equipped daycare spaces to provide services like transfusion therapy, chemotherapy on outpatient basis, procedures like intrathecal chemotherapy, bone marrow aspirate and biopsy, and PICC line insertion and supportive care. There are separate procedure rooms with Central Oxygen, Cardiac Monitor, Crash cart, where procedures like lumbar puncture and intrathecal chemotherapy, bone marrow aspirate and biopsy and PICC line insertion are performed. We have two thirty bedded wards with facilities of isolation rooms and high dependency units. With the recent opening of the state-of-the-art intensive care (ICU) unit, the Department is able to provide round the clock intensive care to the critically ill patients. Bone marrow transplantation services are in the pipeline to provide quality and affordable services to the needy patients. The Department regularly participates in inter Departmental as well as multicenter tumour boards to improve the patient care.

MICROBIOLOGY

FACULTY

Professor & HOD	Dr Baijayantimala Mishra
Additional Professor	Dr Ashoka Mohapatra
	Dr Srujana Mohanty
Associate Professor	Dr Bijayini Behera
	Dr Vinaykumar Hallur
Assistant Professor	Dr Kavita Gupta

HIGHLIGHTS

The Microbiology Department of AIIMS, Bhubaneswar has been selected as the State Level-Virus Research & Diagnostic Laboratory (VRDL) for the State of Odisha and has also identified as a centre for monkey pox diagnosis and testing site for circulating dengue virus (DENV) serotypes and genotypes in India by ICMR. Department of Microbiology also declared as the Sentinel Surveillance lab for Viral hepatitis surveillance programme by National Centre for Disease Control (NCDC), MOHFW, Govt of India. The process of manpower recruitment and other activities were initiated under this program. The Mycology laboratory of the department has been designated as advanced Molecular and diagnostics research centre for fungal infections. The Department is also continuing as a nodal centre for mentoring the government organisations of Odisha and West Bengal for setting up COVID-19 testing laboratories. The Department is equipped with automated blood culture monitoring system (BACTEC FX), automated bacterial identification and susceptibility platform (Vitek 2 compact), automated immunoanalyzer (VIDAS), chemiluminescence platform. The Department has Gene Xpert System, Mycobacterial Growth Indicator tube (MGIT), Truenat and Line Probe Assay platform for diagnosis of TB. A total of 3,65, 437 number of samples have been tested for various parameters.

Department is regularly organizing conferences, CME and workshops in various sections. Department of Microbiology, AIIMS Bhubaneswar hosted the virtual CME "Tuberculosis: Recent updates and emerging challenges" on behalf of Indian Association of Medical Microbiologists (IAMM), Odisha Chapter and American Society for Microbiology (ASM) on 23 Mar 2022 as a mark of observation of World TB Day. The event was a huge success with active participation of more than 500 delegates from various institutions across the country. More than fifty participants also presented their research work by e-poster. Best three posters were awarded as first, second, third prize along with one consolation prize. The faculties continue to lead and coordinate interdepartmental research activity including determining relevant research objectives and preparing research proposals and applying for extramural grants and collaborations, and continue to support for evidence-based policy making.

EDUCATION

At present the Department is involved in postgraduate (MD), undergraduate (MBBS), B.Sc. Nursing, paramedical teaching and has also started PhD programmes. The teaching curriculum is well organized and strictly follows the guidelines of our institute. Various thesis topics pursued by the PG students have been awarded for ICMR thesis grants and also won best paper award at various national and International conferences. All students are evaluated periodically for their progress by means of theory-based exams as well as practical exercises. We are regularly conducting symposium, pedagogy sessions.

CONFERENCES/CME/WORKSHOP ATTENDED & LECTURE DELIVERED/ PAPER PRESENTED

Dr Baijayantimala Mishra

- Delivered guest lecture on Diagnosis of drug resistant tuberculosis in a Live Webinar conducted by Medical Learning Hub, on 30 Mar 2022.
- Delivered the following lectures in the "Training of Trainers" for NVBDCP at AIIMS, Bhubaneswar for "One Day Training Programme on management of Dengue & Chikungunya, National Vector Borne Disease Control Programme (NVBDCP), Odisha." during 25-29 Mar 2022.
 - Epidemiology, Pathogenesis & Lab Diagnosis of Dengue.
 - Epidemiology of AES and Lab Diagnosis of Japanese encephalitis
 - Trouble shooting in ELISA.

3. Delivered a lecture on "Lab Diagnosis of Tuberculosis: Recent updates" in CME "Tuberculosis: Recent updates and emerging challenges". 1st Indian Association of Medical Microbiologists (IAMM), Odisha Chapter, 2022 and American Society for Microbiology (ASM) on 23 Mar 2022 as a mark of observation of World TB Day
4. Delivered guest lecture on "COVID-19 in 2022, Variants of Concern". In COVID-19 Odisha Grand Rounds, Organized by Department of Health & Family Welfare, Government of Odisha, Association of Physicians, India and SCB Medical College, Cuttack. For all Covid & Non-covid hospitals/Corporate/ESI hospitals, Nursing homes, /Dispensaries/ Clinics/ AYUSH Stream on 25 Feb 2022.
5. Participated in the 8th International meeting on Emerging Diseases and Surveillance" (IMED) from Nov 4-6, 2021 and presented two papers as presenting author: Organized by International Society of Infectious Disease (ISID).
6. Delivered lecture on "Laboratory Diagnosis of Tuberculosis: An Update & Present Status at AIIMS, Bhubaneswar" in "One day training on guidelines for programmatic management of tuberculosis preventive therapy (PMTPT) in India 2021" organized by National tuberculosis elimination programme, Odisha on 21 Sept 2021.
7. Delivered talk on "Covid 19 testing services at AIIMS, BBSR", in webinar on "Preparedness of AIIMS, Bhubaneswar to manage 3rd wave of COVID-19 "We are ready!" Organized by Dept. of Hospital Administration, AIIMS, BBSR, on 27 Aug 2021.
8. Delivered lecture on "Mutations, Variants and its implications on Vaccine: COVID-19" in Clinical Excellence Programme on 4 Aug 2021. A programme initiated by Ministry of Health & family Welfare, GOI, and implemented by AIIMS, Bhubaneswar, in collaboration with West Bengal govt & AIIMS, BBSR for "All Covid & Non-covid hospitals/Corporate/ ESI hospitals, Nursing homes, /Dispensaries/ Clinics/AYUSH Stream of all Districts".
9. Delivered lecture on "Mutations, Variants and its implications on Vaccine: COVID-19" in Clinical Excellence Programme on 6 Jul 2021. A programme initiated by Ministry of Health & family Welfare, GOI, and implemented by AIIMS, Bhubaneswar, in collaboration with Odisha State govt & SCB Medical College for "All COVID-19 & Non-COVID-19 hospitals/Corporate/ESI hospitals, Nursing homes, /Dispensaries/ Clinics/AYUSH Stream of all Districts".
10. Delivered guest lecture on "Virology of SARS CoV-2 Mutations, Variants, Transmission: Issues and Controversies" 1st Virtual Midterm CME 2021, Association of Physicians, India, Odisha State Branch on 30 May 2021.
11. Presented the research study in Institute Research Forum: Intricacies in characterizing positivity in pooled sample testing for SARS-CoV-2 on 30 Jun 2021.
12. Participated as an invited panelist in "COVID-19 webinar" conducted by Indian Society of Radiology and Imaging on 13 Jun 2021.
13. Participated in the panel discussion on a LIVE television program "Parikrama" on the subject topic "COVID-19 and mucormycosis" in Doordarshan, Odiya on 22 May 2021.

Dr Ashoka Mohapatra

1. Attended Updates in Diagnosis & Management of Drug Resistant Tuberculosis" on 28 Mar 2022, organized by BD India & KIMSHEALTH
2. Attended CME on "Tuberculosis: Recent updates and Emerging challenges" under the aegis of IAMM Odisha Chapter and American Society for Microbiology (ASM) on 23 Mar 2022 organised by Dept. Of Microbiology, AIIMS, Bhubaneswar
3. Attended CME on Healthcare Associated Infections and Antimicrobial Stewardship on 11 Dec 2021 Hybrid mode organized by Department of Microbiology, Kalinga Institute of Medical Sciences, Bhubaneswar
4. Attended Webinar on Healthcare Quality & Patient Safety: Have we moved the (Swiss) Cheese? on 9 Dec 2021, Under the auspices of Implementation Research Associates for Patient Safety (I-RAPS) Organised by-AIIMS Bhubaneswar Quality Council (ABQC).
5. Attended Webinar on Subacute and Acute Diarrheal Disease: New Era of Laboratory Diagnosis on 8 Dec 2021 organized by BD India.
6. Attended 3rd National Biomedical Research Competition organized by Society of Young Biomedical Scientists India on virtual platform from 6-10 Dec 2021.
7. Attended Webinar on "Best practices in AST reporting" on 1 Dec 2021 organized by BD India.
8. Delivered guest lecture on "AMR issues in human health and one health approach for its containment" for World Antimicrobial Awareness Week celebration at ICAR-Central Institute of Freshwater Aquaculture (CIFA), Kausalyaganga, Bhubaneswar, Odisha on 20 Nov 2021.

9. Acted as panellist for Resistant Infections in 23rd National Conference of Paediatric Infectious Diseases (NCPID) organized by IAP-ID Chapter on Nov 2021 at Bhubaneswar.
10. Attended E-Lectures Series on Advances in Molecular Biology organized by Flowcytometry Solutions Pvt Ltd, India 2 to 5 Oct, 2021.
11. Attended Faculty Development Programme on Sample Size Calculation in Biomedical Research organized by AIIMS, Bhubaneswar on 25 Sep 2021
12. Attended Sepsis and AMR: The Balancing Act: Clinical Perspectives from BD Phoenix M50 Users organized by BD India on 22 Sep 2021.
13. One-Day Training on Guidelines for programmatic management of tuberculosis preventive therapy (PMTPT) organized by National tuberculosis elimination programme (NTEP) on 21 Sep 2021 at AIIMS, Bhubaneswar.
14. Attended Webinar on "Diagnostic Advancements in Sepsis" on 15 Sep, 2021 Community for Health Care Professionals (HCP) Forum Mumbai, Kolkata, New Delhi.
15. Attended World Sepsis Day.Live Virtual symposium Indian Association of Medical Microbiologist Delhi Chapter on 13 to 15 Sep 2021.
16. Attended Online 4 Days IA & QMS training program organized by Medical Education & Learning Point, New Delhi Virtual Platform via ZOOM on 25-28 Aug 2021.
17. Attended VAMR Study Meeting organised by JIPMER Puducherry on 17, 21, 24 & 28 Aug 2021 through Zoom link.
18. Attended Webinar on Importance of RT-PCR based COVID-19 testing on 17 Jun 2021 organised by Thermo Fisher Scientific, India.
19. Attended Webinar on "Interdisciplinary Approach for Mucor mycosis" in collaboration with Hospital Infection Control Committee (JNMCH-AMU, Aligarh), Indian Medical Association and Medical Student's Network, Uttar Pradesh on 17 Jun 2021.
20. Attended lecture on Management of COVID – 19 in Pregnancy and lactation and issues of vaccination RCoE online training program COVID-19 on 15 Jun 2021 MoHFW and Regional Centre of Excellence, (AIIMS Bhubaneswar) and H&FW
21. Attended Public Webinar on Genome Sequencing of SARS-CoV-19 organized by Department of Biotechnology Ministry of Science & Technology, Government of India on 23 Apr 2021.
22. Participated in QUIZ Webinar: MICROQUEST 2021 on 18 Sep 2021, organized by BD India.

Dr Srujana Mohanty

1. Participated in online CME on COVID-19, SGPGI-GADVASU-IVS-ASM 2022, jointly organized by SGPGI Lucknow, Guru Angad Dev Veterinary & Animal Sciences University, Ludhiana, Indian Virological Society & American Society for Microbiology on 26 Mar 2022
2. Participated in TFS (Turnitin Feedback Studio) User Awareness session, on 25 Mar 2022, organized by AIIMS Bhubaneswar (virtual mode)
3. Participated in online CME on Tuberculosis: Recent updates and Emerging Challenge on 23 Mar 2022, 1st Quarterly meet IAMM Odisha Chapter 2022 & American Society for Microbiology organized by Department of Microbiology, AIIMS Bhubaneswar
4. Participated in Workshop on Shipping Infectious Substances & Biological Specimens Workshop on 10 -11 Mar 2022, organized by Sandia National Laboratories, USA
5. Attended online webinar "Competency-based Teaching & Learning in Microbiology-A way forward" on 4 Mar 2022 organized by Orient Blackswan
6. Participated in Grammarly Training, on 26 Dec 2021 organized by Central Library, AIIMS Bhubaneswar
7. Presented paper titled "Meliodosis presenting as localized brain abscess: an uncommon clinical entity. MICROCON 2021 on 22-24 Dec 2021, organized by Guwahati Medical College & Hospital, Assam (virtual mode)
8. Attended training on Guidelines for Programmatic Management of Tuberculosis Preventive Therapy (PMTPT) in India on 21 Sep 2021, organized by National Tuberculosis Elimination Programme (NTEP)
9. Attended workshop on Online Open Book Examination on 19 Jun 2021, AIIMS Bhubaneswar, organized by Medical Education Unit, AIIMS Bhubaneswar

Dr Bijayini Behera

1. Attended CME on Tuberculosis: Recent updates and emerging challenges, organized by the Department of Microbiology AIIMS Bhubaneswar under the aegis of IAMM, Odisha chapter and ASM and evaluated the scientific posters on 23 Mar 2022.
2. Attended International Air Transport Association (IATA) 3 Workshop on behalf of the US Defense Threat Reduction Agency (DTRA), organized by Sandia National Laboratories (operated by National Technology and Engineering Solutions of Sandia, LLC.) at the Mayfair Lagoon in Bhubaneswar, Odisha from 5-7 Jan 2022.
3. Attended National CME Programme on "Healthcare Associated Infections and Antimicrobial Stewardship" organized by the Department of Microbiology, KIMS, KIIT Deemed to be University and delivered an invited lecture on "Implementation and audit of bundle care approaches in the prevention of health care associated Infections" on 11 Dec 2021.
4. Attended Workshop on Unit Management for Senior Nursing Officers as a part of promotional training programme for the Senior Nursing Officers in Govt. Health Services, as directed by the Ministry of Health and family welfare, Govt. of India, organized by the College of Nursing, AIIMS Bhubaneswar and delivered an invited lecture on "Infection Control in clinical setting" on 11 Dec 2021.
5. Attended CME on international infection prevention week conducted in Digital Platform by AMRI hospital Bhubaneswar and delivered an invited lecture on "Infection Prevention & control practices in COVID-19" on 20 Oct 2021.
6. Attended the live virtual symposium titled "Sepsis Management-What has changed" organised by the Indian Association of Medical Microbiologists (IAMM) Delhi Chapter, on World Sepsis Day, 13 Sep 2021.
7. Attended Webinar (MoHFW directed programme) with Joint collaboration between Regional Centre of Excellence (CoE) AIIMS Bhubaneswar and Govt of West Bengal and delivered an invited lecture on "Infection Prevention & control practices in COVID-19" on 11 Aug 2021.
8. Attended Webinar (MoHFW directed programme) with Joint collaboration between Regional Centre of Excellence (CoE) AIIMS Bhubaneswar and Govt of Odisha and delivered an invited lecture on "Infection Prevention & control practices in COVID-19" on 5 Aug 2021.
9. Attended XVII Annual Conference of Hospital Infection Society of India. HISICON 2021, conducted in Digital Platform and presented a chaired E Poster titled "The incidence of infection related ventilator-associated complication [IVAC] and possible ventilator associated pneumonia [PVAP] among mechanically ventilated patients of adult medical and surgical intensive care units [ICUs]: a four years' observational study from a tertiary care teaching hospital of Eastern India" on 29 -31 Jul 2021

Dr Vinaykumar Hallur

1. Conducted Workshop on "Online open book examination" held in online mode for 22 medical faculty of Dr Pinnamaneni Siddhartha Institute of Medical Sciences & Research Foundation on 27 Oct 2021 in online mode
2. Conducted Workshop on Online open book examination held in online mode for faculty College of Nursing AIIMS Bhubaneswar on 19 Sep 2021.
3. Attended 4-day online training program on Quality Management system & internal audit (IA & QMS) in Medical laboratories as per ISO 15189:2012 from 8 to 11 Sep 2022.
4. Conducted International Workshop on Online open book examination held in hybrid mode held at Glasgow UK on 30 Aug 2021 attended by 30 medical educationists across the world.
5. Conducted Workshop on Online open book examination for Faculty of AIIMS Bhubaneswar on 19 Jun 2021 and 24 Jul 2021.

Dr Kavita Gupta

1. Attended CME on "Tuberculosis: Recent updates and emerging challenges" 1st Quarterly meet of IAMM Odisha Chapter & American Society for Microbiology in dept. of Microbiology, AIIMS Bhubaneswar. 23 Mar 2022
2. Attended ASTINAR management challenges of discharges – session on 20 Mar 2022 organised by Indian association for the study of sexually transmitted infections & AIDS.
3. Attended ASTINAR genital ulcer diseases part two - Session. 20 Feb 2022 organised by Indian association for the study of sexually transmitted infections & AIDS.
4. Attended ASTINAR session one genital ulcer diseases part one - syphilis (great imitator) on 23 Jan 2022 by Indian

association for the study of sexually transmitted infections & AIDS.

5. Attended AMR Masterclass 3.0 BUG TALEs Duo: MDROs webinar by BD India on 22 Jan 2022.
6. Attended online CME on Establishing Antimicrobial Stewardship organized by AIIMS Bilaspur on 27 Nov 2021
7. Attended the MICROCON Delhi Chapter the Theme of the meeting was Immunology & Autoimmune Disorder: An Update organized by ABVIMS on 9 Oct, 2021.
8. Attended the sensitization program on Tuberculosis organized by NTEP Bhubaneswar, Health & Family welfare, Govt. of Odisha on 22 Sep 2021
9. Attended Sepsis Management: What has Changed' organized by Indian Association of Medical Microbiologists, Delhi Chapter on 13 Sep 2021
10. Attended the 45th national conference on study of sexually transmitted diseases & AIDS. The theme of the conference was "Mann ki baat doctors ke sath of STIs & AIDS" on 12 Sep 2021.
11. Attended the sensitisation program on JE testing by NVBDCP on 6 Sep 2021.
12. Attended 4-day online training program on Quality Management system & internal audit (IA & QMS) in Medical laboratories as per ISO 15189:2012 from 7-10 Jul 2021
13. Participated in National Webinar on Non-Alcoholic Fatty Liver Disease (NAFLD): Population level strategies for prevention, jointly organized by Institute of Liver and Biliary Sciences, New Delhi and AIIMS, Bhubaneshwar on 30 Jun 2021

PATIENT CARE / HOSPITAL SERVICES

Number of samples received in the department

A total of approximately 365437 samples have been tested during this period.

Tests performed on clinical samples

- Bacterial culture & sensitivity (blood, urine, stool, pus etc) – 43710
- Fungal culture – 2461
- Direct microscopy (Gram stain, ZN stain, KOH, Lactophenol cotton blue, peripheral smear, India ink, stool examination) 36626
- Viral Serology (HIV Rapid, HIV (ICTC), HBs Ag ELISA, HBs Ag Rapid, Total Anti HBc, Anti HBs titre, HBeAg, HBeAb, HCV Rapid, HCV ELISA, HAV IgM, HEV IgM, Dengue Rapid, Dengue NS1 Ag ELISA, Dengue Ig M ELISA, EBC VCA IgM, CMV Ig M, Rubella Ig M, Chikungunya)- 112952
- Bacterial serology- 3989
- Immunology and sepsis Marker(RF, CRP, Anti CCP, p ANCA, c ANCA, ANA, ds DNA, Procalcitonin, Total IgE)- 17157
- Parasitology- 2887
- Molecular testing (Hepatitis B viral load & Respiratory viruses)- 512
- COVID-19 (RTPCR)- 131129
- GeneXpert SARS Covid-2 1904
- TB lab (CBNAAT, AFB Culture)- 9499
- Tests performed on surveillance samples
- Bacterial culture & environmental load (including settle plate method) on various samples from OTs & ICUs- 3662

AWARDS, HONOURS & SIGNIFICANT EVENTS

Dr Baijayantimala Mishra

1. Dr B Mishra selected by American Society for Microbiology as Country Ambassador for Eastern India.
2. Dr B Mishra continues to be a fellow of
 - o Infectious Disease Society of America
 - o Royal Society, London

3. Dr B Mishra continues to be a member of
 - o American Society for Microbiology, USA
 - o European Society of Clinical Microbiology and Infectious Diseases, UK

Dr Srujana Mohanty

1. Dr Srujana Mohanty has taken membership of the following Professional Societies:
 - o American Society for Microbiology, USA
 - o European Society of Clinical Microbiology and Infectious Diseases, UK
 - o American Society of Tropical Medicine and Hygiene, USA

Dr Bijayini Behera

- o Appointed as member of Institute Kayakalpa Committee and Member of Hospital Infection Control committee
- o Nominated as Resource person under Human Resource Development (HRD) Cell – For induction training of Nursing Officers and Interns
- o Best Faculty Poster Award in the Intramural Research category (Molecular detection of carbapenemase enzymes directly from positive blood cultures using Xpert Carba-R.) on the 9th Annual Day/ 1st Research Day of All India Institute of Medical Sciences, Bhubaneswar, on 9th Sep2021

Dr Vinaykumar Hallur

Continues to be a member of

- o American Society for Microbiology, USA
- o European Society of Clinical Microbiology and Infectious Diseases
- o International Society of Human and Animal Mycologists
- o Indian Society of Medical Mycology
- o International Society of Infectious diseases
- o Indian Association of Medical Mycologists
- o Infectious Disease Society of America

Dr Kavita Gupta

1. Nominated as Member of core committee for HIV Surveillance & Epidemiology for our regional center approved by NACO
2. Nominated as additional member from microbiology department AIIMS Bhubaneswar as a sentinel site by NCDC under the National Program on Surveillance of Viral Hepatitis.
3. Dr K Gupta awarded consolation prize: a classic presentation of trichomoniasis in Patient of bacterial vaginosis. Dr Gargee Mishra, Dr Kavita Gupta, Dr Srujana Mohanty, Dr Subarna Mitra "during 1st Quarterly meet, IAMM Odisha chapter 2022 & American Society for Microbiology (ASM) on "Tuberculosis Recent updates and current challenges", 23 Mar 2022, organized by AIIMS, Bhubaneswar.
4. Dr K Gupta Continuing as members of following Professional bodies
 - o Continuing as editorial board member of ACTA Scientific Microbiology (ASMI)
 - o Life member of Indian Association of Medical Microbiologists (IAMM)
 - o Life member of Indian Association of Medical Microbiologists (IAMM) Delhi Chapter
 - o Associate Life Member of Indian Association of STD & AIDS
 - o Member of Hospital Infection Society-India
 - o Member of European Society of Clinical Microbiology & Infectious Diseases.

It's a team effort...



INAUGURAL CEREMONY OF CME



Photo 1 & 2: Virtual CME "Tuberculosis: Recent updates and emerging challenges"

NEONATOLOGY

FACULTY

Associate Professor & HOD	Dr Tapas Kumar Som
Associate Professor	Dr Pankaj Kumar Mohanty
Assistant Professor	Dr Tanushree Sahoo
	Dr Usha Devi R

HIGHLIGHTS

The Department of Neonatology is running with an eight-bedded level III unit (Neonatal Intensive Care Unit), a ten-bedded level II unit (Special New-born Care Unit) and a four-bedded level I unit (lying-in beds with mothers in F plus 2 ward) for provision of Kangaroo Mother Care (KMC). In addition, the Department of Neonatology also looks after the neonates in the Obstetrics (F plus 2) ward admitted along with their mothers. The Department also takes care of neonates undergoing surgery by Department of Paediatric Surgery, ENT & Neurosurgery.

EDUCATION

The "DM Programme" was started in Jan 2019. Currently, the Department has two DM seats per year. Six DM students have joined since 2019. First DM student has already passed and is currently pursuing fellowship in Neonatology in Canada. The Department of Neonatology imparts training (theory & practical) to the DM students, MD (Pediatrics) residents, MBBS students, and Nursing students (MSc). DM Neonatology curriculum is being followed for academics for DM students. The Department of Neonatology is involved in the preparation of postgraduate and postdoctoral monthly teaching programs jointly with the Department of Pediatrics.

Perinatal statistics are regularly held monthly with the Department of Obstetrics and Gynaecology. We are conducting an 'Autopsy Meet' in collaboration with the Department of Pathology and Laboratory Medicine. For improvement of our training, we are having MoU for teaching with experienced faculty from abroad.

The Department of Neonatology and College of Nursing jointly organized "New-born Week" from 15 - 21 Nov 2021. The various health awareness activities, Nursing Quiz, were undertaken to teach and train the community. The faculty actively participated in the "Neonatal Resuscitation" training program for nursing officers and the nursing students. The practical skills were demonstrated on the mannequin. The Department also organized "Breastfeeding Week" this year from 1 - 7 Aug in collaboration with the Department of CMFM and College of Nursing.

The faculty were actively involved in mentoring the Preterm Care e-module for nursing officers as well as doctors at national levels endorsed by National Neonatology Forum (NNF) and Indian Association of New-born Nursing (IANN) in Jul-Aug 2021. Our NICU nurses won second prize in National NNF quiz held in Bangalore in Dec 2021.

The Department of Neonatology jointly with National Health Mission (NHM) Odisha organized workshops on Continuous Positive Airway pressure (CPAP) for the nursing officers and doctors working in Special Newborn Care Unit (SNCU) from various SNCUs and Medical Colleges of Odisha in Nov-Dec 2021. The first batch of doctors and nursing officers completed training from 29 Nov to 5 Dec 2021. The Department is also actively working for overall improvement of neonatal care in SNCUs of some of the aspirational districts in Odisha under the aegis of Government of Odisha and UNICEF, India.

The Department also conducted a two-day online training cum workshop for postgraduates and DM students at the institute in Mar 2022 on "BAYLEY IV" for psychomotor and cognitive assessment of high-risk NICU patients.

PATIENT CARE AND HOSPITAL-RELATED SERVICES

Our NICU is a state-of-the-art tertiary level ICU that is fully equipped with all up-to-date modern amenities. NICU has been awarded as the "Best ICU" for the year 2021-2022 under Swachhata Pakhwada initiative.

Despite ongoing COVID-19 pandemics, NICU remained fully occupied most of the time. NICU admission was 451 patients last year (Apr 2021-Mar 2022). The admissions have doubled when compared with the previous year. Also, we catered services to 3465 infants in OPDs (either physically or via telemedicine). Various intensive care services provided in our NICU currently include several modes of respiratory support continuous positive airway support (CPAP), heated humidified high flow nasal cannula oxygen therapy (H3FNC), non-invasive ventilatory support (NIV), high-frequency ventilation (HFV), amplitude-integrated EEG monitoring, total parenteral nutrition, central line insertion [umbilical artery line (UAC) and umbilical venous line (UVC), peripherally inserted central catheter (PICC) line insertion], therapeutic hypothermia, invasive

blood pressure monitoring, facility for POCUS (point of care ultrasonography) for brain, lung, and echocardiography. The spectrum of screening services provided in the Department prior to discharge includes screening for critical congenital heart diseases, hearing impairment, inborn errors of metabolism, congenital cataracts, retinopathy of prematurity (ROP), developmental dysplasia of hip (DDH) with the active supports of Department of Ophthalmology, and Otorhinolaryngology.

We are also providing preoperative and postoperative support to many surgical neonates and infants admitted in surgical specialties like ENT, Paediatric Surgery, and Neurosurgery.

In collaboration with the Department of Biochemistry, we have initiated universal new-born screening program targeted to detect five common prevalent metabolic conditions of newborns (Congenital hypothyroidism, Congenital adrenal hyperplasia, G6PD deficiency, Biotinidase deficiency and Galactosemia).

We are running a high-risk clinic on Thursdays for holistic developmental follow up of all our high risk NICU graduates.

Intravitreal ranizumab was administered to treat severe retinopathy of prematurity in a preterm neonate in coordination with Ophthalmology in Sep 2021. Since Jul 2020 in coordination with the Department of Neurosurgery, we have successfully inserted ventricular sub-galeal shunt drainage in eight preterm neonates with post-hemorrhagic hydrocephalus as bedside procedure.

Pulmonary banding for complex congenital heart disease was done for a neonate in Dec 2021 and device closure of PDA was done in a preterm baby in Mar 2022 in collaboration with Department of cardiology.

CONFERENCES/CME/WORKSHOP ATTENDED & LECTURE DELIVERED/ PAPER PRESENTED

Dr Tapas Som

1. Participated as Lead Instructor in the "Advanced NRP Provider Course" organized by IAP-NNF NRP FGM at KIMS, Bhubaneswar, Odisha on 27 Mar 2022.
2. Participated as Lead Instructor in the "Advanced NRP Provider Course" organized by IAP-NNF NRP FGM at SCBMCH & SVPPGIP, Cuttack, Odisha on 6 Mar 2022.
3. Participated as Lead Instructor in the "Advanced NRP Provider Course" organized by IAP-NNF NRP FGM at IMS & SUM Hospital, Bhubaneswar, Odisha on 20 Feb 2022.
4. Participated as Co-Instructor in the "Advanced NRP Provider Course" organized by IAP-NNF NRP FGM at IMS & SUM Hospital, Bhubaneswar, Odisha on 19 Feb 2022.
5. Participated in the online conference on "13th International Newborn Brain Conference" organized by Newborn Brain Society, Inc, at Florida, USA on 10-12 Feb 2022.
6. Participated as Co-Instructor in the "Advanced NRP Provider Course" organized by IAP-NNF NRP FGM at Kolkata, West Bengal on 19 Dec 2021.
7. Participated as Observer Faculty in the "Advanced NRP Provider Course" organized by IAP-NNF NRP FGM at Kolkata, West Bengal on 12 Dec 2021.
8. Participated as resource person on "Follow-up of high-risk infants: A holistic approach" organized by Surveillance group of Watch Words under Indian Academy of Cerebral Palsy" on 4 Dec 2021.
9. Attended as participant in the 13th NRP Training of Trainers (TOT) for South Zone on "Neonatal Resuscitation Program – First Golden Minute" organized by Indian Academy of Pediatrics at Hotel Capitol, Bangalore, Karnataka on 23-24 Oct 2021.
10. Participated as moderator in the 3rd East Zone NEOCON on a panel discussion on "targeting single digit NMR by 2030: how far we have reached" and as resource person (10 Oct 2021) on "Caffeine in prevention of chronic lung disease: is it the wonder drug in preterm care?" organized by NNF Odisha at Hotel Padmaja, Bhubaneswar on 9 Oct 2021.
11. Participated as resource person in the online awareness program on Multidisciplinary management of spinal muscular atrophy organized by IAP, Odisha on 9 Aug 2021.
12. Participated as participant in the online workshop Open book examination organized by Medical Education Unit, AIIMS, Bhubaneswar on 24 Jul 2021.
13. Participated as resource person in the MILAN – FOGSI NNF Perinatal Meet (online) on Cost effective perinatal interventions to improve preterm outcome organized by NNF Odisha & Bhubaneswar Obstetrics & Gynecology Society on 13 Jul 2021.
14. Participated as resource person in the virtual training program on Active management of pediatric novel corona virus

disease (COVID 19) in the Odisha state organized by Department of Health & Family Welfare, Odisha in collaboration with Directorate of Nursing, Odisha and College of Nursing, AIIMS, Bhubaneswar on 5 - 7 Jul 2021.

15. Participated as resource person in the MILAN – FOGSI NNF Perinatal Meet (online) on KMC and Breastfeeding organized by Neonatology Society of West Bengal & Bengal Obstetrics & Gynecology Society (BOGS), West Bengal on 3 Jul 2021.
16. Participated as Co-Instructor in the "Basic NRP Course" organized by IAP-NNF NRP FGM at Hotel Padmaja, Bhubaneswar, Odisha on 13 Mar 2021.

Dr Pankaj Mohanty

1. Participated as resource person for BSID IV (BAYLEY Scale of Infant Development) India Standardization by Pearson India Education Services. Pvt. Ltd. The project is aimed to standardize the BAYLEY scale for Indian Infant and children on 22 -28 Dec 2021.
2. Participated as master trainer on CPAP training for the Doctors and Nursing officers of various Medical Colleges/SNCUs (SLN Medical college, Koraput and DDH Mayurbhanj) of Odisha conducted at A.I.I.M.S, Bhubaneswar in Department of Neonatology during 29 Nov -5 Dec 2021.
3. Visited SNCU Bhawanipatna, Kalahandi district for mentoring, accreditation, and handholding of SNCUs as part of an initiative from Government of Odisha and UNICEF on 30 Nov -1 Dec 2021.
4. Invited as faculty in 8th National conference of Pediatric education conducted by the department of pediatrics, AIIMS Bhubaneswar, and moderated a session (Panel discussion) on "Q.I in Medical education?" on 27 Nov 2021.
5. Participated as master trainer on CPAP training for the Doctors and Nursing officers of various Medical Colleges/ SNCUs (Koraput DDH, Kalahandi DDH) of Odisha conducted at A.I.I.M.S., Bhubaneswar in Department of Neonatology during 22 - 27 Nov 2021.
6. Trained Nursing officer, staff, and nursing students on "Neonatal Resuscitation" on occasion of "Newborn Week" at college of nursing AIIMS Bhubaneswar from 15 - 21 Nov 2021.
7. Participated in 15th Advanced NRP Training of trainers workshop conducted at "Spring valley Guwahati" and certified as trainer for basic and advanced courses by NNF-IAP India on 13-14 Nov 2021.
8. Participated in 14th Advanced NRP Training of trainers workshop conducted at "Spring valley Guwahati" and certified as trainer for basic and advanced courses by NNF-IAP India on 30-31 Oct 2021.
9. Participated as faculty and delivered a talk on "Bilirubin: still the Menace" in 3rd East Zone NEOCON, Bhubaneswar on 10 Oct 2021.
10. Participated as faculty in "N.N.F. Online telegram course on COVID-19 management in newborn for SNCU doctors" from 15- 22 Aug 2021.
11. Participated as an expert member of "Thematic Group Expert Groups for COVID -19 Training Content Development" for the nursing group and reviewed the content on Personal care, dead body management and Nutritional support in COVID -19 patients on 16-21 Aug 2021.
12. Invited to deliver a talk on "Module 3: Neonatal shock management" under UNICEF-NNF project on mentoring of SNCUs of Odisha, Telangana, and Karnataka on 31 Jul 2021.
13. Participated as faculty and moderated the final session in "N.N.F. preterm care e-module for Nurses: second course on topic "Oxygen therapy" on virtual platform from 19 -25 Jul 2021.
14. Delivered a lecture on "Neonatal COVID Management" on behalf of Centre of Excellence (AIIMS, Bhubaneswar)- Govt. of Odisha), online training program COVID-19 on 29 Jun 2021.
15. Invited to deliver a talk on "Newborn screening" in MILAN – FOGSI NNF Perinatal Meet, Organized by NNF Odisha & Bhubaneswar Obs & Gyn Society on 12 Jun 2021.
16. Participated as faculty in preconference workshop and delivered a talk on "Monitoring during KMC of sick newborn" Fifth National Conference of Kangaroo Mother Care held on 16 Apr 2021.

Dr Tanushree Sahoo

1. Participated as a faculty and delivered a talk on neonatal UTI in an online Webinar Neonatal Pathsala: On neonatal kidney conditions organized by Gujarat state NNF on 30 Mar 2022.
2. Participated as faculty in advanced NRP workshop conducted by IAP-NNF at SCB MCH on 6 Mar 2022.

3. Invited as faculty in 8th National conference of Pediatric education conducted by department of pediatrics, AIIMS Bhubaneswar and moderated a session (Panel discussion) on "Broad speciality vs super speciality care in pediatrics: What India needs?" on 27 Dec 2021.
4. Presented free oral Paper in online platform at National NNF Neocon 2021 at Bengaluru on 18 Dec 2021.
5. Planned visiting Koraput district for mentoring and handholding of SNCUs and medical colleges of Koraput as part of initiative from Government of Odisha and UNICEF on 15-16 Dec 2021.
6. Participated in online platform and delivered a talk on newborn screening for doctors and staff nurses of SNCU organised by Maharashtra NNF and Public health department on 5 Dec 2021.
7. Participated as master trainer on CPAP training for the Doctors and Nursing officers of various Medical Colleges/ SNCUs (SLN Medical college, Koraput and DDH Mayurbhanj) of Odisha conducted at A.I.I.M.S, Bhubaneswar in Department of Neonatology from 29 Nov - 5 Dec 2021.
8. Participated as faculty/resource person in ONTOP (Online Neonatal training orientation programme in India) 18th sick newborn care course for Doctors from Sep to Dec 2021.
9. Participated as master trainer on CPAP training for the Doctors and Nursing officers of various Medical Colleges/ SNCUs (Koraput DDH, Kalahandi DDH) of Odisha conducted at A.I.I.M.S., Bhubaneswar in Department of Neonatology from 22-27 Nov 2021.
10. Trained Nursing officer, staff and nursing students on "Neonatal Resuscitation" on occasion of "Newborn Week" at College of nursing AIIMS Bhubaneswar from 15-21 Nov 2021.
11. Participated in 15th Advanced NRP Training of trainers workshop conducted at Aerocity New Delhi and certified as trainer for basic and advanced courses by NNF-IAP India on 13-14 Nov 2021.
12. Participated as faculty and delivered a talk on "Probiotics in Neonates" in 3rd East Zone NEOCON, Bhubaneswar on 9 Oct 2021
13. Participated as faculty in "MBBS students' academic fest WISSEN 2" in Pediatric workshop on Basic NRP where MBBS students from several adjacent medical colleges participated and trained on 23-24 Sep 2021.
14. Participated as Faculty to train nursing staff of AIIMS Bhubaneswar as a part of COVID-19 third wave preparation in Aug 2021 (5 day course) organized by College of nursing and department of Pediatrics from 1 - 9 Sep 2021
15. Participated as faculty/resource person in ONTOP (Online Neonatal training orientation programme in India) 8th facility based newborn nursing from 20 - 22 Aug 2021.
16. Participated as faculty in "N.N.F. Online telegram course on COVID management in newborn for SNCU doctors" from 15 - 22 Aug 2021.
17. Participated as faculty in "N.N.F. Online telegram course on covid management in newborn for SNCU doctors" from 15 - 22 Aug 2021.
18. Invited as a Resource Person in an online thematic webinar on the occasion of world breastfeeding week by Department of community medicine and family medicine and delivered a talk on "Hospital based initiatives for supporting breastfeeding" on 6 Aug 2021
19. Participated as faculty in "N.N.F. preterm care e-module for Nurses: second course on topic "Delivery room care" on virtual platform from 19 - 25 Jul 2021.
20. Invited to deliver a talk on "Module 3: Triaging of sick newborns" under UNICEF-NNF project on mentoring of SNCUs of Odisha, Telengana and Karnataka on 3 Jul 2021.
21. Invited to deliver a talk on "Timely referral" in MILAN – FOGSI NNF Perinatal Meet, Organized by NNF Odisha & Bhubaneswar Obs & Gyn Society on 12 Jun 2021.

NEPHROLOGY

FACULTY

Head of the Department	Dr Sachidananda Mohanty (Medical Superintendent)
Assistant Professor	Dr Sandip Kumar Panda
	Dr Priti Meena

HIGHLIGHTS

The Department of Nephrology started functioning since Sep 2018. There is a state of art dialysis unit under the Department established in Jul 2019. The dialysis unit provides affordable hemodialysis to the poor and needy. Along with regular maintenance dialysis, the Department of Nephrology also offers emergency bedside dialysis to sick patients in Intensive Care Unit (ICU). Therapeutic plasma exchange (PLEX) is being performed regularly by the Department for various renal and non-renal causes. Currently the Department provides high end renal care and manages patients with acute kidney injury (AKI), chronic kidney diseases (CKD) and glomerulonephritis. Procedures like renal biopsies and tunneled dialysis catheter insertion is being performed to diagnose and optimally manage patients with renal problems. The Department is also actively involved in the management of COVID-19 patients in the form of bedside consultation and dialysis service. The Department has planned to initiate peritoneal dialysis and renal transplantation in the near future.

EDUCATION

The Department has three non-academic junior residents. Regular bed-side rounds are done to discuss management of admitted patients. Dialysis rounds are performed regularly, and management of maintenance dialysis patients are optimized time to time along with teaching of dialysis technicians and nurses. The residents are encouraged to get involved in research and to write scientific papers. The Department is planning to start weekly case-based discussions, journal clubs and seminars in coming days as postgraduation course is going to be started very soon. The Department has got the necessary approval to start DM-Nephrology program.

CONFERENCES/CME/ WORKSHOP ATTENDED & LECTURE DELIVERED/ PAPER PRESENTED

Dr Sandip Kumar Panda

1. Attended ISNCON 2021, Chennai in Dec 2021 as a speaker.
2. Organized a CME cum training program for Dialysis Technicians in Bhubaneswar in Oct 2021.

Dr Priti Meena

1. Attended ISOT 2021: social media in transplantation: Pros and Cons.
2. Attended Annual conference Indian society of renal nutrition 2021, Smoking and kidney diseases

PATIENT CARE/HOSPITAL SERVICES

During the last one-year total number of 5111 patients have visited the Nephrology outpatient Department (OPD). Nephrology physical OPD was closed in the month of May and Jun 2021, however during this time Nephrology consultation was continued via telemedicine and AIIMS-BBSR Swasthya app. Total 407 patients were admitted in the Nephrology ward for stabilization, initiation of dialysis and diagnostic evaluation. Total number of hemodialysis performed during this period is 8864 and 42 cases were offered plasma pheresis. During the testing time of COVID-19 pandemic, COVID-19 patients with renal involvement were managed in COVID ward and COVID intensive care unit (ICU). Total number of 311 dialysis were performed in COVID-19 infected patients. Department of Nephrology performed 435 procedures which included renal biopsy, graft biopsy and dialysis port insertion.

NEUROLOGY

FACULTY

Additional Professor	Dr Sanjeev Kumar Bhoi
Assistant Professor	Dr Menka Jha
	Dr Priyanka Samal

HIGHLIGHTS

Neurology department AIIMS Bhubaneswar was established in Apr 2016. The department is providing clinical services (in-patient, out-patient and emergency neurology care) to patients coming from all corners of Odisha and adjoining states. Outpatient services include both regular OPDs and special neurology clinic- Epilepsy, Stroke, Movement Disorder and Headache clinics every week. The Neurology ICU with two beds started in 2019-2020, which was made functional to seven beds at the designated neurology ICU in Nov 2021. The establishment of neurocritical unit was a major achievement which has helped in providing emergency services to the critically ill patients.

Laboratory services include Video EEG, Nerve conduction study, Electromyography, Evoked potentials (visual, somatosensory and auditory). Polysomnography (overnight PSG), and TMS (Transcranial Magnetic Stimulation) were the recent addition in the newly expanded neurophysiology laboratory. The department also provides minor procedures for both diagnostic and therapeutic purposes which include carpal tunnel injection, Botox injection, nerve, muscle and skin biopsy.

Fourth and fifth batch of DM Neurology resident joined in Jul 2021 and Jan 2022 respectively. The first candidate of PDF Neurophysiology joined in Jan 2022. The first batch of DM Neurology residents cleared their exit exams successfully in Dec 2021 and their thesis work has been submitted for publication. The department is also carrying out various research work (funded as well non-funded) in the field of stroke, epilepsy, neuroinfection, neurophysiology and other diseases. The postgraduate students are encouraged for actively participating in the research work along with the clinical care and regular academics. At present seven extramural, two intramural and 8 non-funded projects are being carried out in the department for which three project staffs and one data entry operator were recruited under the extramural grant. Regular patient information programs and scientific deliberations are conducted by the department. The faculty of the department routinely participates in the public awareness programs and are active in various regional and national CME programmes.

EDUCATION

The faculty impart both clinical teaching and took didactic lectures in Neurology for undergraduate students and BSc nursing students as per the teaching schedule of the academic year. DM Neurology academic senior residents are being trained in both basic and advanced neurological services. Their training includes clinical management, both out patient, inpatient and emergency department. Academic curriculum includes regular classes, subject seminars, journal club and case presentation which are done on regular basis.

Actively participate in discussion in clinical round, interdepartmental case discussion and monthly mortality meet. The students are evaluated periodically by structured internal assessments which includes case presentations, subject based essay questions, viva voce and practical's as well as performance assessment at bedside for progress in the subject skills. Post graduate students from allied subjects and interns are posted regularly and they are imparted training in clinical care and take part in the academic sessions of the department. The research staffs are also given academic training in the respective field and take part in clinical care.

The senior residents presented cases and original work in twin city neuro meet, also presented paper at state and national level conference.

Faculty of the department were invited as external subject expert for DM examination of Odisha and other states. Faculty were also invited to set the question papers, to review the thesis of other institutes. First DM Neurology exit exam was successfully conducted by the department.

CONFERENCES/CME/ WORKSHOP ATTENDED & LECTURE DELIVERED/ PAPER PRESENTED

Dr Sanjeev Kumar Bhoi, Additional Professor

1. Attended the virtual conference KAN monsoon submit 2021 held from 9-11 Jul 2021
2. Resource person Physician training workshop conducted by Community Medicine & Family Medicine AIIMS Bhubaneswar on 4 Sep 2021 and delivered a talk titled 'Management of stroke: Resource limited settings'.

3. Attended webinar on masterclass in pediatric Neurology, conducted by Pediatric Neurology subsection of Indian Academy of Neurology on 18-19 Jul 2020.
4. Attended and presented at Indian Academy of Neurology webinar, held from 11-14 Nov 2021 hybrid mode at Bangalore. Title: Myasthenic crises An update.
5. Attended webinar XITH ASIA PACIFIC STROKE CONGRESS - APSC 2021 held at Chennai (hybrid mode) from 9-11 Dec 2021.
6. Attended as resource person ANEICON: Association of Neuroscientists of Eastern India held (virtual) at Patna from 26-28 Nov 2021
7. Attended online 5th Annual National Conference of Neuropathology Society of India (NPSICON 2021) with Asia-Oceanian Society of Neuropathology (AOCN) Congress, Hosted by Department of Neuropathology, National Institute of Mental Health & Neurosciences (NIMHANS), Bangalore on 10-11 Sep 2021.
8. Attended and presented poster (virtual) at 15th World Congress on Controversies in Neurology (CONy) held from 23-26 Sep 2021. Title: SPECT STUDY IN MIGRAINE: A TERTIARY CARE EXPERIENCE
9. Attended and presented at IAN Master Class: Cranial Neuropathies session 1 held on Sunday, 23 May 2021, 10:30 AM. Title: 5th Nerve: Applied anatomy, clinical evaluation, relevance of 5th Nerve palsy in clinical setting
10. Attended Tokyo Super-EMG Hands-on Seminar 2021 (On-demand Online Viewing) held from 27 Sep 2021 to 10 Oct 2021.
11. Twin city neuro club meet was conducted by the department where the DM residents presented various aspects of young stroke cases on 29 Oct 2021 on the eve of World Stroke
12. Resource person Physician training workshop conducted by Community Medicine & Family Medicine AIIMS Bhubaneswar on 11 Dec 2021 and delivered a talk titled 'Management of stroke: Resource limited settings'.
13. Attended webinar on "Healthcare Quality & Patient Safety: Have we moved the Swiss Cheese? 9 Dec 2021, 3.30 PM" Under the auspices of Implementation Research Associates for Patient Safety (I-RAPS) A collaborative of several 'All India Institutes of Medical Sciences' & National Institute of Design. Organized by AIIMS Bhubaneswar Quality Council (ABQC)
14. Speaker at State level training of Medical officers on National Programme for Health Care of Elderly (NPHCE) will be held at the Department of CM&FM on 17- 19 of Feb 2022. Title: Central Nervous System.
15. Focus Group Discussion (FGD) on 10 Mar 2022 (Thursday) at 3.00 for IMPETuS Stroke trial with AIIMS New Delhi
16. Invited speaker at virtual Tropical Neurology- A Virtual Update "The diagnosis of Rabies: Rapid review" organized by Tropical Neurology Subsection of Indian Academy of Neurology Dayanand Medical College & Hospital, Ludhiana from 27-29 Mar 2022.
17. Attended and presented at the 16th World Congress on Controversies in Neurology (CONy) held virtually from 24-27 Mar 2022. Title: Equipotency of Lacosamide to Levetiracetam in New Onset Focal Epilepsy: a Randomized Controlled Trial and Title: Headache as initial presentation of essential thrombocythosis

Dr Menka Jha, Assistant Professor

1. Attended the Indian Academy of Neurology master class on Neuro-otology on 25 Jul 2021
2. Attended the Indian Academy of Neurology master class on peripheral Neuropathy 29 Aug 2021
3. Attended the IAN masterclass on myopathies on 19 Sep 2021.
4. Attended The Indian Academy of Neurology – the Smart Hybrid conference from 11 – 14 Nov 2021.
5. World stroke day was celebrated in the department, patient and public awareness for early identification and risk factors management was done as a part of the CME on 30 Oct 2021
6. Twin city neuro club meet was conducted by the department where the DM residents presented various aspects of young stroke cases on 29 Oct 2021 on the eve of World Stroke
7. Attended the Indian Academy of Neurology webinar on critical care neurology on 20 Feb 2022.
8. Attended the Joint IAN-NSI (Indian Academy of Neurology- Neurological society of India) webinar on perspectives in Headache on 12 Mar 2022.
9. Attended the IAN-API joint CME on Epilepsy session on 27 Mar 2022.

10. Focused group discussion was done with residents and nursing staff under the IMPETUS trial on 9-10 Mar 2022, organized by AIIMS Delhi.
11. Participated in the investigator meet for the Indian stroke trial network on 29 Jan 2022.
12. Evaluation of the study materials and training of staff taking care of stroke patients was done on 5 to 7 Jan 2022.

Dr Priyanka Samal

1. Attended the Indian Academy of Neurology webinar on critical care neurology on 20 Feb 2022.
2. Attended the Joint IAN-NSI (Indian Academy of Neurology- Neurological society of India) webinar on perspectives in Headache on 12 Mar 2022.
3. Attended the IAN-API joint CME on Epilepsy session on 27 Mar 2022.
4. Focused group discussion was done with residents and nursing staff under the IMPETUS trial on 9-10 Mar 2022, organized by AIIMS Delhi.
5. Participated in the investigator meet for the Indian stroke trial network on 29Jan 2022.
6. Evaluation of the study materials and training of staff taking care of stroke patients was done on 5 to 7 Jan 2022.

PATIENT CARE / HOSPITAL SERVICES

Neurology department provides services to outpatient, inpatient, and emergency departments, including ICU services. In last 1 year 11,607 (OPD) patients and 603 indoor patients (IPD) have been managed. The department is providing clinical neurophysiology services such as: video electroencephalography (vEEG), nerve conduction studies, electromyography, evoked potentials etc. From Apr 2020 to Mar 2021, a total of 4261 patients were evaluated by above neurophysiological tests {1915 vEEG, 2346 ENMG}.

OPD Minor procedure like carpal tunnel injection and Botox injection and IPD minor procedures like lumbar puncture, nerve, muscle and skin biopsy was performed in 565 patients in last 1 year. Neurology OPD services are also provided at AIIMS satellite centre at Balasore.

NEUROSURGERY

FACULTY

Professor and Head	Dr Rabi Narayan Sahu
Additional Professor	Dr Ashis Patnaik
Associate Professor	Dr Sumit Bansal
Assistant Professor	Dr Arunkumar Sekar
	Dr Vasundhara S Rangan
	Dr Gour Surya Sri Krishna

HIGHLIGHTS

Neurosurgery Department is one of the first super-specialty Departments in AIIMS Bhubaneswar which started the MCh Neurosurgery course back in 2017. Five batches of residents (including an international student) have graduated with MCh degrees in Neurosurgery from the Department till date. The Department acquired new dedicated neurosurgery Modular Operation Theatres (MOT) and a neurosurgery ICU commissioned and inaugurated by Union Health Minister Dr Harsh Vardhan on 25 Dec 2019. A variety of state-of-the-art equipment like Mobile CT, Neuro-navigation, Video EEG, TCD (Trans Cranial Doppler) was added to the Department during the year 2021-22. The Department is also academically active with more than ten ongoing research projects running and several publications to its credit. A significant number of Neurosurgical elective and emergency surgeries were performed despite the ongoing third wave of the Covid pandemic. The Department has also participated in various Covid related activities including public awareness campaigns, staff and paramedic training as well as management of Covid ICU. Two new faculty, Dr Vasundhara S Rangan and Dr Gour Surya Sri Krishna, have joined the Department during this period.

EDUCATION

The Department is involved actively in MBBS and MCh teaching. MCh program has case presentations, journal clubs, seminars, mortality and morbidity meetings and case discussions. Neuroradiology and Neuropathology Conferences are conducted in collaboration with the respective Departments.

CONFERENCES/CME/ WORKSHOP ATTENDED & LECTURE DELIVERED/ PAPER PRESENTED

Dr Rabi Narayan Sahu

1. Participated as an expert panel member in Journal Club conducted online by the Neurological Society of India (NSI) on the topic of Hydrocephalus in Pediatric Neurosurgery in Jan 2022.
2. Delivered a talk on "Anterior Cervical Discectomy Fusion (ACDF)" held from 9-11 Dec 2021; organized by NSSA held on virtual platform from Apollo Hospital, Bhubaneswar.
3. Delivered a talk on "Surgery for intracranial aneurysm" on webinar on 6 Aug 2021 at the Platinum Jubilee Celebration of SCB Medical College, Cuttack.
4. Participated as chairperson for conducting the mock examination on-line organized by the NSI (Neurological Society of India) in Aug 2021.

Dr Sumit Bansal

1. Attended "Neuroclub", Bhubaneswar on 12 Mar 2022.
2. Attended faculty development program on – "Sample Size Calculation" on 25 Sep 2021, AIIMS, Bhubaneswar.
3. Attended "9th Annual Day cum 1st Research Day", organized at AIIMS Bhubaneswar on 21 Sep 2021 and presented a poster on "Assessment of hearing loss in Minor Head Injury: A Prospective study of AIIMS, Bhubaneswar".
4. Attended "Epilepsy Surgery - Case by Case / Step by Step Online Series Course # 02" in association with ILAE- AO (International League Against Epilepsy - Asian Oceanian chapter), & hosted by MEG resource facility, (AIIMS & NBRC), Delhi on 1 Aug 2021.
5. Attended faculty development Programme on – "Research methodology and Basic Biostatistics" on 17-18 Jul 2021, AIIMS, Bhubaneswar.
6. Attended "Epilepsy Surgery - Case by Case / Step by Step Online Series Course # 01" in association with ILAE- AO

(International League Against Epilepsy - Asian Oceanian chapter), & hosted by MEG resource facility, (AIIMS & NBRC), Delhi on 3 Jul 2021.

Dr Arunkumar Sekar

1. Participated as Faculty in Medical Education Unit for – Medical Student Induction Program and delivered a talk on study skill time management course, for three batches of MBBS students as part of induction program in Mar 2022 at AIIMS Bhubaneswar.
2. Participated as Faculty in Medical Education Unit for - Internship Orientation Program and delivered a talk on Written communication, on 11 Feb 2022 at AIIMS Bhubaneswar.
3. Delivered a talk on Hydrocephalus in Pediatric Neurosurgery conducted online by the Neurological Society of India (NSI) in Jan 2022.
4. Participated as Faculty in Medical Education Unit for - Senior Resident Orientation Program and delivered a talk on Blue Printing on 1 Oct 2021 at AIIMS Bhubaneswar.

PATIENT CARE / HOSPITAL SERVICES

Dedicated Neurosurgery ICU (with 7 beds) along with state-of-the-art Neurosurgery Operation theatre was made functional on 5 Aug 2019. State of the art equipment like Video EEG and TCD (Trans Cranial Doppler) was installed in Neurosurgery ICU. The Department of Neurosurgery has remained a pioneer in Eastern India providing exemplary tertiary care and performing complex neurosurgical procedures using IONM (Intra Operative Neuro Monitoring), awake craniotomy, minimally invasive spine surgery (MISS-TLIF), endoscopic excision of colloid cyst and endoscopic third ventriculostomy (ETV), brachial plexus and peripheral nerve surgery, and neuro-navigation based neurosurgery. The Department also performs Cerebral Angiography (DSA) in our OT complex to diagnose and treat various cerebro-vascular disorders such as brain aneurysms, highly vascular tumors and AV fistulae. The Department has also started epilepsy surgery as well as pediatric neurosurgical services in the form of surgery for craniosynostosis, spinal dysraphism, cranial encephalocele etc.

AWARDS, HONOURS & SIGNIFICANT EVENTS

Dr Rabi Narayan Sahu

1. Became Editorial Board members of Neurology India, official journal of Neurological Society of India (NSI).
2. Became Editorial Board member of Indian Journal of Neurosurgery, the official journal of Neurosurgical Society of India (NSSI).

Dr Sumit Bansal

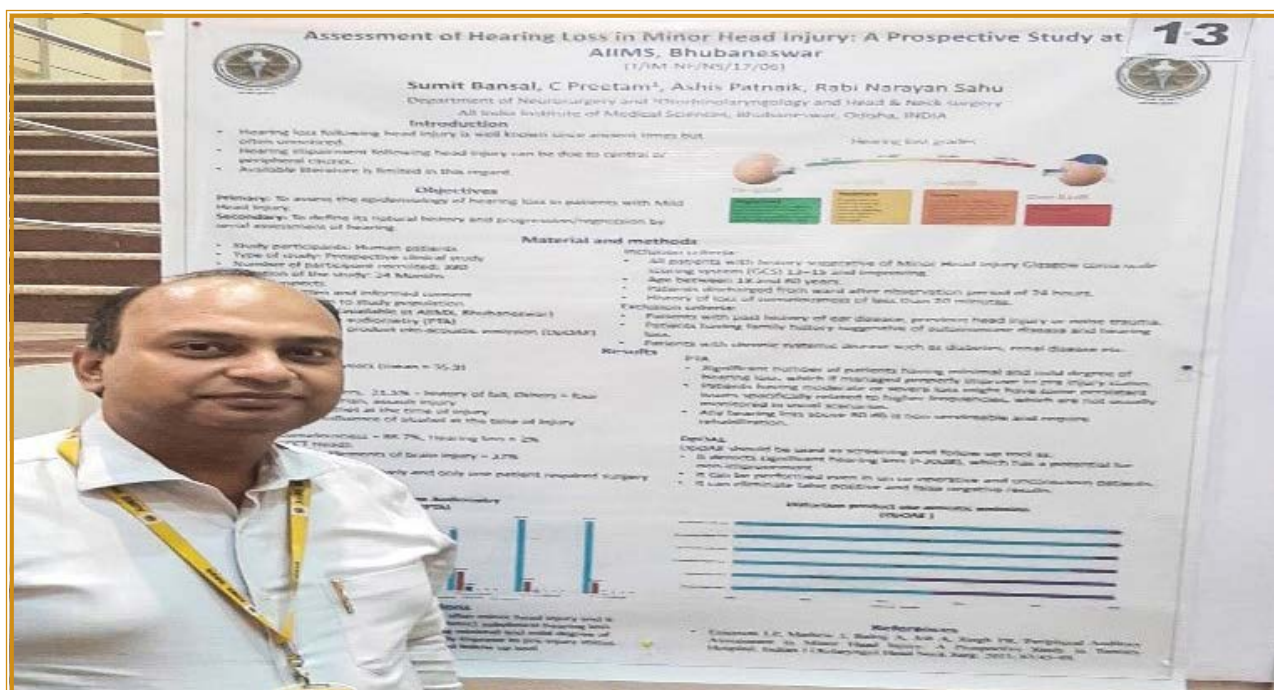
1. Became Editorial Board members of Neurology India, official journal of Neurological Society of India (NSI).
2. Became reviewer of - Indian Journal of Neurosurgery, Journal of Neurosciences in Rural Practice, Journal of Clinical Orthopedics and Trauma.



Installation of Mobile CT Scanner in Neurosurgery ICU



Installation of Long-term Video EEG Facility in Neurosurgery ICU



Dr Sumit Bansal presented a poster during 9th Annual Day cum 1st Research Day", organized at AIIMS Bhubaneswar on 21 Sep 2021



Completion of a successful Awake Craniotomy for a brain tumour in a paediatric patient

NUCLEAR MEDICINE

FACULTY

Associate Professor	Dr Kanhaiyalal Agrawal
Assistant Professor	Dr Girish Kumar Parida
	Dr P Sai Sradha Patro

HIGHLIGHTS

The department of Nuclear Medicine is presently involved in patient care and imaging using radioisotopes. In addition to one gamma camera machine (16 slice SPECT-CT), thyroid uptake probe and Nuclear cardiac laboratory facility, the Department recently established PET-CT facility, which is first in any public sector hospital in the state. Department is also providing radionuclide treatment service to thyroid and other cancer patients (radioiodine, bone pain palliation, PSMA therapy, DOTATATE therapy). Department of Nuclear medicine is involved in clinical research and teaching undergraduate (MBBS). In addition, from this year the Department has started academic course of MD Nuclear Medicine and two seats per year has been approved. Department is currently part of one extramural funded, two intramural funded and two non-funded intramural research projects. And last but not the least, the Department of Nuclear Medicine, AIIMS, Bhubaneswar has organized the national conference of ANMPICON 2021.

EDUCATION

Department is involved in teaching of MD (Nuclear Medicine), MBBS, and BSc radiography students. Regular classes, seminars and journal clubs are being held in the Department for the MD students. All theory and practical classes are conducted as per the schedule. Further, department is involved in taking classes for postgraduate and MCh students from other clinical departments as and when requested.

CONFERENCES/CME/ WORKSHOP ATTENDED & LECTURE DELIVERED/ PAPER PRESENTED

Dr Kanhaiyalal Agrawal

1. Attended Virtual Annual conference of Society of Nuclear Medicine India Southern chapter held on 5 -6 Feb 2022
2. Admission to Fellow of Indian College of Nuclear Medicine on 23 Dec, 2021.
3. Moderator of scientific session "What future holds" in Association of Nuclear Medicine Physicians of India (ANMPI) VIRTUAL from 17 – 19 Sep 2021
4. Attended 19th Annual Conference of Association of Nuclear Medicine Physicians of India (ANMPI) VIRTUAL from 17 – 19 Sep 2021
5. Delivered a talk on "Pitfalls and artefacts in radionuclide musculoskeletal imaging" on 30 May 2021 in CME (Virtual) organised by Indian College of Nuclear Medicine.
6. Attended virtual CMEs organised by Indian College of Nuclear Medicine on 30-31 May 2021.

Dr Girish Kumar Parida

1. Attended Virtual Annual conference of Society of Nuclear Medicine India Southern chapter held on 5-6 Feb 2022
2. Attended 53rd Annual Conference of Society of Nuclear Medicine, India (SNMICON2021) virtual held on 16-18 Dec 2021 organised by NIMS, Hyderabad
3. Attended 19th Annual Conference of Association of Nuclear Medicine Physicians of India (ANMPI) VIRTUAL from 17 – 19 Sep 2021
4. Attended virtual CMEs organised by Indian College of Nuclear Medicine 30-31 May 2021.

Dr P Sai Sradha Patro

1. Attended Virtual Annual conference of Society of Nuclear Medicine India Southern chapter held on 5 -6 Feb 2022
2. Attended 19th Annual Conference of Association of Nuclear Medicine Physicians of India (ANMPI) VIRTUAL from 17 – 19 Sep 2021
3. Attended virtual CMEs organised by Indian College of Nuclear Medicine from 30-30 May 2021.

PATIENT CARE / HOSPITAL SERVICES

Department has currently one 128 slice PET-CT (which is the first 128 slice PET-CT in the state and first PET-CT in the public sector hospital in the Odisha), gamma camera machine (16 slice SPECT-CT), thyroid uptake probe and Nuclear cardiac laboratory facility. Department is providing Nuclear Medicine Thyroid special OPD service. Department is offering therapeutic care like radioiodine treatment for thyroid cancer and thyrotoxicosis, bone pain palliation for metastatic cancer pain, Lu-177 PSMA therapy for metastatic prostate cancer patients, Lu-177 DOTATATE therapy for metastatic NET patients and Y-90 radiosynovectomy for synovitis.

AWARDS, HONOURS & SIGNIFICANT EVENTS

Dr Kanhaiyalal Agrawal

1. 2nd prize in best oral paper presentation at Annual conference of Society of Nuclear Medicine India Southern chapter Virtual held on 5-6 Feb 2022: "Role of interim 99mTc- pertechnetate thyroid scan uptake in predicting response to RAI therapy among patients with Graves' disease"
2. Moderator of scientific session "What future holds" in Association of Nuclear Medicine Physicians of India (ANMPI) VIRTUAL from 17-19 Sep 2021
3. 1st prize in best educational exhibit at 19th ANMPICON 2021 Virtual from 17-19 Sep 2021: "Bone SPECT-CT utility in ankle and foot pain"
4. 1st prize in best poster in consultant category 19th ANMPICON 2021 Virtual – "Comparison of bone SPECT/CT and MRI in detection of pain generator in ankle and foot pain" from 17-19 Sep 2021

Dr Girish Kumar Parida

1. 2nd prize in best oral paper presentation at Annual conference of Society of Nuclear Medicine India Southern chapter Virtual held on 5-6 Feb 2022: "Role of interim 99mTc- pertechnetate thyroid scan uptake in predicting response to RAI therapy among patients with Graves' disease"
2. Moderator of scientific session "What future holds" in Association of Nuclear Medicine Physicians of India (ANMPI) VIRTUAL from 17-19 Sep 2021
3. 1st prize in best educational exhibit at 19th ANMPICON 2021 Virtual from 17 – 19 Sep 2021: "Bone SPECT-CT utility in ankle and foot pain"

Dr P Sai Sradha Patro

1. 2nd prize in best oral paper presentation at Annual conference of Society of Nuclear Medicine India Southern chapter Virtual held on 5-6 Feb 2022: "Role of interim 99mTc- pertechnetate thyroid scan uptake in predicting response to RAI therapy among patients with Graves' disease"
2. 1st prize in best educational exhibit at 19th ANMPICON 2021 Virtual from 17 – 19 Sep 2021: "Bone SPECT-CT utility in ankle and foot pain"

OBSTETRICS & GYNAECOLOGY

FACULTY

Professor and HOD	Dr Saubhagya Kumar Jena
Additional Professor	Dr Sweta Singh
Associate Professor	Dr Pruthwiraj Sethi
	Dr Deepthy Balakrishnan
Assistant Professor	Dr Subarna Mitra
	Dr Jasmina Begum
	Dr Chandra Jyoti
	Dr Sushree Monika Sahoo

HIGHLIGHTS

The faculty members and residents of the Department are actively involved in patient care, teaching, training, research, and administrative activities. The Department provides outpatient services, inpatient services, labor and delivery services, and obstetric and gynecological procedures. The Department also caters to the health problems of women with high-risk pregnancies and infertile couples through special clinics for them every Monday and Thursday, respectively, from 2 pm to 4 pm. Various surgeries pertaining to gynecological endoscopy, urogynecology, and gynecological oncology are being performed regularly. Comprehensive ultrasonography services are provided for quality patient care including dating scan, nuchal translucency scan, anomaly scan, interval growth scan with color Doppler, folliculometry, and scans for gynecological pathologies. Faculty members have also participated in different public awareness programs held by AIIMS, Bhubaneswar such as World Birth Defects Day and Endometriosis awareness week. Two postgraduate students got admitted in Jul 2021 session and one in Jan 2022 session. One student joined in Minimal Invasive Gynecological surgery PDF course in Jan 2022 session.

The faculty members, and senior and junior residents attended several online Webinars, conferences, and workshops and presented various scientific papers. Faculty and residents brought laurels to the institute by winning different quiz competitions and paper presentations.

EDUCATION

The faculty members took theory classes for MBBS students as per curriculum and schedule. A total of 88, 83, 37, and 21 lectures were taken for the 2017, 2018, 2019, and 2020 batches, respectively. Clinical classes including bedside teaching and evening demonstration classes were taken by faculty and senior residents as per schedule with a total of 182, 170, 184, and 129 classes for 2017, 2018, 2019, and 2020 MBBS batches, respectively. The periodic assessment was done at the end of the clinical posting, the end of the semester, and the final summative examination.

The Departmental seminars were held thrice a week encompassing case presentations, guidelines discussion, topic presentations, and journal club by PG students, a total of 148 seminars. Faculty members also took classes and conducted panel discussions as per schedule. Theory and clinical examinations were held every 6 months for the PG students.

Twenty-one lecture classes were taken for M. Sc Nursing students by faculty and senior residents.

Perinatal review in collaboration with the Departments of Neonatology and Pediatrics, audit of cesarean sections & presentation of departmental statistics and morbidity and mortality were held monthly. The Department also participated in the interdepartmental seminars held every Friday from 4 pm to 5 pm and presented topics as per schedule.

CONFERENCES/CME/WORKSHOP ATTENDED & LECTURE DELIVERED/ PAPER PRESENTED:

Dr Saubhagya Kumar Jena

1. Participated as chairperson in the CME organised by Bhubaneswar Obstetrics & Gynaecology Society on the topics of Rh-isoimmunization & Prevention of PPH on 26 Nov 2021.
2. Participated in the Midterm ISOPARB Conference on 13 & 14 Nov 2021. I was an expert in the session on a case-based panel discussion on Anaemia in pregnancy on 14 Nov 2021.
3. Participated in the international academic programme on AUB & Anaemia on 12 Nov 2021.
4. Participated in the fetal medicine webinar on late second and third-trimester anomalies on 11 Nov 2021 organised by

Uttar Pradesh Chapter.

5. Participated in the online All India coordination committee- Royal College of Obstetricians and Gynecologists (AICC RCOG) 2021 Annual Conference from 1-3 Oct 2021.
6. Participated in the webinar on the Role of Nutrition in Physical and Mental Health of Women: Policy to plate on 25 Sep 2021 organised by the department of Psychiatry AIIMS Bhubaneswar & National Commission for Women. Presented a topic titled Holistic nutrition for pregnant women & lactating mothers.
7. Participated as a judge for the evaluation of posters on 21 Sep 2021 during the first research day celebration in AIIMS Bhubaneswar.
8. Participated in the world patient safety day webinar on 17 Sep 2021 organised by AIIMS Bhubaneswar.
9. Participated in the 8th Annual Conference of Indian Society of Perinatology and Reproductive Biology (ISOPARB), Burla/ Sambalpur Chapter and 38th Annual conference of Burla O&G Society on 14 & 15 Sep 2021. Presented a topic titled Adolescent PCOS – Management on 14 Sep 2021.
10. Participated in the series of webinars on a practical approach to thesis writing by Dr Gitanjali Batmanabane, Director of AIIMS Bhubaneswar on 28 Aug, 4 Sep & 11 Sep 2021.
11. Participated in the 44th Annual Conference of Association of Obstetricians & Gynecologist of Orissa (AOGO) on 28 & 29 Aug 2021. Presented a topic titled AUB – Practical Approach on 28 Aug 2021.
12. Participated in the webinar on the preparedness of AIIMS Bhubaneswar to manage the COVID -19 Third wave on 25 Aug 2021. Presented the preparedness of labour room services.
13. Participated in WISDOM 2021, FOGSI-AOFOG-SAFOG (Federation of Obstetric and Gynaecological Societies of India - Asia & Oceania Federation of Obstetrics & Gynaecology – South Asian Federation of Obstetrics & Gynaecology) Conference Blending evidence and experience into practice from 20-22 Aug 2021
14. Conducted the quiz as quiz master in the PG masterclass series organised by the department of Obstetrics & Gynaecology, AIIMS Bhubaneswar on 23 Jul on the topic Emergency & Operative Obstetrics.
15. Participated in the webinar on mutations & variants of COVID-19 & their clinical significance on 6 Jul 2021 conducted by AIIMS New Delhi & MoHFW.
16. Participated in the webinar of the AICC RCOG Masterclass series on the topic fetal medicine on 4 Jul 2021.
17. Organised, Coordinated & Participated in the 1st PG masterclass series on clinical Obstetrics on 25 Jun, 9 Jul, 23 Jul, 6 Aug & 20 Aug 2021.
18. Participated in the East Zone YUVA FOGSI from 18 to 20 Jun 2021 organised by Siliguri Obstetrics & Gynaecology society. Presented a topic titled borderline ovarian tumours as invited faculty on 20 Jun 2021.
19. Participated in MILAN – FOGSI & NNF meet on 12 to 13 Jun 2021. Presented a topic titled Intrapartum monitoring on 12 Jun 2021.
20. Participated in the webinar on challenges in COVID vaccination to pregnant and lactating women and new born & children on 4 Jun 2021 organised by NRHM & UNICEF.
21. Participated in the webinar on COVID-19 & pregnancy: clinical aspects and management on 27 May 2021.
22. Participated in the Karl Storz e-masterclass – mastering hysteroscopy techniques on 25 May 2021.
23. Participated in the online academic programme on vaccination in pregnant and lactating women & care of newborns and children during the COVID-19 pandemic on 14 May 2021 organised by UNICEF & NRHM.
24. Participated in the UK fetal medicine foundation webinar on small for gestational age and fetal growth restriction on 9 May 2021.
25. Participated in the FOGSI webinar series on COVID-19 & Women's healthcare, Managing infertility during COVID-19 pandemic on 4 May 2021.
26. Participated in the webinar Updates on vaccination for women on 30 Apr 2021 organized by the Royal College of Obstetricians and Gynaecologists (RCOG) East Zone
27. Participated in the webinar GEM Hysteroscopy: A Masterclass on 24 - 25 Apr 2021 organised by the Indian Association of Gynaecological Endoscopists (IAGE).
28. Participated in the 36th National Conference of the Indian Society of Perinatology and Reproductive Biology (ISOPARB) in Bhubaneswar from 9 -11 Apr 2021. I worked as co-chairperson of the scientific committee. Moderated a panel

discussion on HRT in Menopause on 10 Apr 2021.

29. Participated in the webinar Projecting Rising Indian Dynamic Endoscopists (PRIDE) II Conference from 3 - 4 Apr 2021 organised by the Indian Association of Gynaecological Endoscopists (IAGE).

Dr Sweta Singh

1. Faculty for One Day Training of Medicine and Paediatric specialists on Management of Dengue and Chikungunya held in two sessions on 25 Mar 2022 and 29 Mar 2022 at AIIMS Bhubaneswar, organized by National Vector Borne Disease Control Programme (NVBDCP), Directorate of Public Health, Odisha. Delivered a lecture on "Management of Dengue in Pregnancy".
2. Faculty for the Online Training in Basic Ultrasound for virtual capacity building of obstetrics and gynecology specialists of Odisha working in FRUs, organized by Centre of Excellence, Maternal Health, SCB Medical College, Cuttack in association with IFUMB, Cuttack, NHM and UNICEF on weekly basis from Jan to Aug 2022. Delivered a lecture on "The 10-14 weeks scan" on 4 Feb 2022.
3. Faculty at CME, organized by the Indian Society of Assisted Reproduction (ISAR) Odisha chapter on 3 Feb 2022 at Bhubaneswar. Spoke on "Sperm DNA Fragmentation Test-No" in the hot and short debates section.
4. Faculty for the 10th National Conference of Asia-Oceania Research Organisation in Genital Infections and Neoplasia (AOGIN) India "AOGIN INDIA 2021", held online from 3 to 5 Dec 2021. Delivered an invited talk on the topic "Epidemiology of cervical and breast cancer" at the Community Screening and Awareness Workshop on 3 Dec 2021. Was a judge for the free paper presentations on 4 Dec 2021. Was a speaker on the topic "Screening for precancers" at the Public Forum on Cervical Cancer, held online on 5 Dec 2021.
5. Invited faculty to the webinar on "Cancer situation and Preventive Oncology in India", organized by the Department of CMFM, AIIMS Bhubaneswar, in collaboration with IAPSM, India on 10 Nov 2021. Delivered a talk on "Screening and early diagnosis of cervical and breast cancers".
6. Attended XXIII International Federation of Gynecology and Obstetrics (FIGO) World Congress 2021 held online from 21-28 Oct 2021 and presented a scientific paper titled "Placental abruption: Our experience in a tertiary care center in eastern India" on 22 Oct 2021.
7. Faculty at the workshop "Augmentation of Teaching Skills of Senior Residents" organized by the Medical Education Unit (MEU), AIIMS Bhubaneswar on 30 and 1 Oct 2021. Was the resource person for the session "Ethics and Professionalism" on 1 Oct 2021.
8. Was faculty in-charge and resource person for the 4th session of WISSEN 4.0- National level undergraduate medical skills workshop, organized by MBBS students 2019 batch, AIIMS Bhubaneswar on 24 and 25 Sep 2021.
9. Invited faculty for the thematic webinar on World Breastfeeding Week on the theme-Protect breastfeeding: A shared responsibility on 6 Aug 2021, organized by Resource center for advancement on public health nutrition, Department of CMFM, AIIMS Bhubaneswar, in collaboration with UNICEF. Delivered a talk on "Promotion of breastfeeding among working mothers".
10. Invited faculty to the webinar 'Updates in ART' organized by the Indian society of Assisted Reproduction (ISAR), Odisha chapter on 1 Aug 2021. Was a panelist in the panel discussion "Pregnancy management after ART".
11. Delivered a talk on 16 Jul 2021 at the Regional Centre of Excellence AIIMS Bhubaneswar Clinical Excellence Programme organized with MoHFW, GOI, and H&FW, Government of West Bengal for the state of West Bengal on the topic "Management of COVID-19 in pregnancy and lactation and the changing issues of vaccination".
12. Scientific Chairperson for the First Postgraduate Master Class Series in Clinical Obstetrics 2021 held online and organized by the Department of Obstetrics and Gynaecology, AIIMS Bhubaneswar, held in 5 sessions on 25 Jun 2021, 9 Jul 2021, and 23 Jul 2021. 20 Aug 2021 and 3 Sep 2021. Delivered a talk on the topic "Current concept in diagnosis and management of fetal growth restriction" on 9 Jul 2021.
13. Faculty at IFCCPC 2021-The 17th World Congress for Cervical Pathology and Colposcopy held online from 1-5 Jul 2021, organized by Indian Society of Colposcopy and Cervical Pathology and the Department of Obstetrics and Gynaecology, VMMC College and Safdarjung Hospital, New Delhi supported by RCOG, AOGIN, IFCCPC. Part of the Organizing Committee for Quiz for MBBS and Interns held online on 4 Jul 2021 and a judge for the e-poster presentations on 20 Jun 2021.
14. Faculty for the Regional Clinical Excellence Program for the state of West Bengal as a panelist on 30 Jun 2021 and 2 Jul 2021, organized by AIIMS Bhubaneswar and IHFW Kolkata, West Bengal under MoHFW, GOI initiative for Management

of Covid-19.

15. Faculty for the webinar "Curbside clinics on endometriosis and infertility" organized by the Gynae Obs Dehradun Society (GODS) in association with FOGSI on 29 Jun 2021. Was a panelist on the topic "Infertility: Case-based scenarios".
16. Faculty for the webinar "Management of Pregnancy in COVID era", organized on 23 Jun 2021 by the Association of Obstetricians and Gynaecologists of Odisha (AOGO) and Department of Obstetrics and Gynaecology, SCB Medical College, Cuttack. Delivered a talk on "Covid vaccination in Pregnancy and lactation".
17. Faculty at the East Zone Yuva FOGSI 2020 Conference held online from 15-20 Jun 2021. Was a panelist on the topic "Troubleshooting in Caesarean Delivery" on 20 Jun 2021.
18. Faculty for the Regional Centre of Excellence AIIMS Bhubaneswar for COVID-19 and MoHFW, GOI and H&FW, Government of Odisha. Delivered a lecture on "Management of COVID-19 in pregnancy and lactation and issues of vaccination" on 15 Jun 2021.
19. Faculty for the webinar "Challenges in COVID vaccination to pregnant and lactating women and newborns and children", organized on 4 Jun 2021 by National Health Mission and UNICEF for the rural healthcare workers with 60 delegates logged in.
20. Faculty for the Online Comprehensive Module on "Cervical Cancer Elimination in North East India", organized by FOGSI on 1-2 May 2021. Delivered a lecture on "Swede Score" on 2 May 2021.
21. Faculty at the 36th ISOPARB National Conference 2021, held online by the Bhubaneswar Chapter of ISOPARB from 9-11 Apr 2021. Was co-moderator with Dr Maya Padhy for the RN Ganguly Public Awareness Forum "Atrocities on women: A brainstorming session" on 10 Apr 2021.

Dr Pruthwiraj Sethi

1. Attended CME to prevent postpartum haemorrhage with room temperature Stable Carbetocin and Estrogen free pills organized by Bhubaneswar O&G society on 12 Mar 2022
2. Participated as a panellist in a National CME organized by the O & G Department, AIIMS, Kalyani on the topic "Ease of Menopause" on 3 Mar 2022
3. Participated in CME on Rh-isoimmunization and prevention of postpartum haemorrhage on 26 Nov 2021 organized by Bhubaneswar O & G society and Bharat Serum Institute.
4. Attended monthly research talks on 27 Apr 2021, 1 Jun 2021, 29 Jun 2021, 31 Aug 2021, 31 Aug 2021, 28 Sep 2021, and 23 Nov 2021 at AIIMS, Bhubaneswar.
5. Participated in webinar intrapartum surveillance on 29 Oct 2021 organized by the practical obstetric committee Federation of the gynaecological society of India (FOGSI).
6. Participated online in All India coordination committee- Royal College of Obstetricians and Gynecologists (AICC RCOG) 2021 Annual conference from 1 Oct 2021 to 3 Oct 2021.
7. Participated as speaker in a seminar on International safe abortion day on 28 Sep 2021 organized by the Health & Family welfare department, Govt of India on the topic "MMA and post-abortion contraceptive" at Bhubaneswar
8. Participated in a Faculty development program on sample size calculation in biomedical research on 25 Sep 2021 organized by AIIMS, Bhubaneswar.
9. Participated as faculty in WISSEN 2021 on 25 Sep 2021.
10. Quiz master in 1st PG Masterclass series in clinical obstetrics 2021 session IV on theme intrapartum care making safe birth on 6 Aug 2021.
11. Participated in the webinar "G to Y masterclass series" on 30 Jun 2021, 4 Aug 2021, 8 Sep 2021, and 15 Sep 2021 organized by Shelcal masterclass.
12. Participated in the webinar 1st post graduate Masterclass series in clinical obstetrics on 25 Jun 2021, 9 Jul 2021, 23 Jul 2021, 6 Aug 2021, and 20 Aug 2021.
13. Attended one week of online National workshop on time series analysis & Biostatistics from 12 Jul 2021 to 18 Jul 2021, organized by Science tech institute, Lucknow.
14. Participated in the webinar on recent advances in Obs & Gyn on 15 Jul 2021 organized by the Association of Maharashtra Obstetrics & Gynecological Societies (AMOGS) endocrinology committee.

15. Participated as a panellist in a panel discussion in "Myomectomy- tips and tricks" on 7Jul 2021 organized by the Association of Obstetricians & Gynecologists of Orissa, Cuttack.
16. Participated in the webinar "Mutations & variants of COVID-19 & their clinical significance" on 6 Jul 2021 conducted by AIIMS, New Delhi & MOHFW.
17. Participated in the webinar "All India coordination committee- Royal College of Obstetricians and Gynecologists (AICC RCOG) Masterclass series" on the topic of maternal-fetal medicine on 4 Jul 2021.
18. Participated in the webinar on "Changing evidence on the management of COVID as per National guidelines" on 30 Jun 2021 conducted by AIIMS, New Delhi & MOHFW.
19. Participated in monthly CME organized by the Society of vaginal Surgeons of India(SOVSI), Odisha chapter held on 27 Jun 2021.
20. Participated as a panellist in a panel discussion on "Induction of labor" on 22 Jun 2021 organized by the Indian Society of Perinatology and Reproductive Biology (ISOPARB) Burla chapter.
21. Participated as a panellist in "36th the Indian Society of Perinatology and Reproductive Biology (ISOPARB) National conference" on the topic "DIC in pregnancy" on 11 Jun 2021 at IMS & SUM, Hospital, and medical college, Bhubaneswar.
22. Participated in the webinar on "COVID-19 & pregnancy: Clinical aspects and management" on 27 May 2021 conducted by PGIMER, Chandigarh.
23. Participated in the webinar "GEM Hysteroscopy: a masterclass" on 24-25 Apr 2021 organized by the Indian association of gynaecological Endoscopists.
24. Participated in the webinar "Projecting Rising Indian Dynamic Endoscopists (PRIDE) II" on 3- 4 Apr 2021 organized by the Indian association of gynaecological Endoscopists.

Dr Deepthy Balakrishnan

1. CME on "Future of ART" organized by Oasis fertility conducted on 31 Mar 2022 at Mayfair convention center, Bhubaneswar.
2. CME organized by Bhubaneswar Obstetric and Gynecology society on Prevention of PPH and progesterone only pill at Hotel W on 12 Mar 2022.
3. Webinar on adolescent health – medical concerns organized by Sir Ganga Ram hospital on 9 Mar 2022.
4. Participated in Endometriosis awareness campaign organized by Dept of OBG, AIIMS, Bhubaneswar on 4 Mar 2022.
5. Participated in the world birth defects campaign on 3 Mar 2022 on World birth defect day.
6. Training by Odisha Social Science Research and Consultancy on "Structured research documentation through MS word and Mendeley" from 31 Jan to 1 Mar 2022.
7. Webinar on Obstetric haemorrhage by Bangalore Baptist Hospital in association with Bangalore OBG society on 30 Jan 2022
8. Webinar conducted by the Association of Obstetricians and Gynecologists of Delhi on pelvic organ prolapse on 17 Jan 2022
9. Attended virtual meet on Oncology with a focus on Ca cervix- on 15 Dec 2021
10. Attended webinar on Medical Termination of Pregnancy awareness drive across the Nation -A Federation of Obstetric and Gynaecological Societies of India- Medical Termination of Pregnancy committee initiative conducted on 12 Dec 2021
11. Attended CME organized by Bhubaneswar Obstetrics and Gynecology society on Rh isoimmunization and prevention of Postpartum Hemorrhage on 26 Nov 2021 at Hotel Marriion Bhubaneswar
12. Underwent Training by Odisha Social Science Research and Consultancy on "Qualitative Research Techniques" from 23 Oct to 12 Dec 2021
13. Was Appointed ANodal officer for Wissen conducted on 24 -25 Sep 2021, and Judge for clinical case presentation of undergraduates for WISSEN 2021.
14. Participated in Faculty development Programme on Sample Size Calculation in Biomedical Research for the Junior faculty of AIIMS Bhubaneswar scheduled on 18 Sep 2021.
15. Participated in Faculty development Programme on Research methodology and Basic Biostatistics conducted by

AIIMS Bhubaneswar on 17 and 18 Jul 2021

16. Attended two-day online workshop on "Meta-analysis of Observational studies & RCTS" on 10 and 11 Jul 2021.
17. Participated in Online Teaching Programme for postgraduates from 9 Jul 2021 - 21 Jul 2021 conducted by medical college, Trivandrum.
18. Completed biostatistics certificate course on 6 Jun 2021 and 13 Jun 2021

Dr Subarna Mitra

1. Attended CME on "Future of ART", organized by Oasis Fertility on 31 Mar 2022
2. Conducted a session on "Team building and working in a team" for newly joined MBSS students as part of the foundation course from 1- 5 Mar 2022
3. Attended CME on ART Act and Management of ART pregnancy, organized by IFS Odisha Chapter on 27 Feb 2022
4. Conducted a session on "Professionalism and ethics" in the internship orientation program organized by Medical Education Unit, AIIMS, Bhubaneswar on 11-12 Feb 2022
5. Attended online conference FUSION 2022, organized by the Indian Society of Assisted Reproduction and Indian Fertility society from 4-6 Feb 2022
6. Underwent online training programs in SPSS organized by Science Tech Institute from 21 May 2022 to 27 May 2021 and in grant management for health and social science researchers, organized by St. Johns Institute, on 1 Feb 2022
7. Debated against the motion "Instrumental vaginal delivery have an important place in modern obstetrics" in the National Conference on "Optimising the rates of Cesarean section", organized by Dept. of OG, AIIMS Bibinagar, from 14-15 Dec 2021
8. Participated as a panellist in a panel on "Hypertensive disorders of pregnancy" in Indian Society of Perinatology and Reproductive Biology (ISOPARB) National Hybrid Conference 2021, organized by the Gorakhpur Chapter of ISOPARB and Gorakhpur Obs & Gyn Society, from 13-14 Nov 2021
9. Underwent online training in two modules organized by OSSRC – "Data Management and Analysis through MS Excel-Module-I" from 18 Sept 2021 to 17 Oct 2021 and "Structured research documentation through MS Word and Mendeley" from 23 Oct 2021 to 21 Nov 2021
10. Attended online workshops on "Ovum pick up" and "Embryo transfer" at New Delhi under the aegis of All India coordination committee- Royal College of Obstetricians and Gynecologists (AICC RCOG) North Zone held on 19 Sep 2021 and 26 Sep 2021, respectively
11. Participated as a judge for evaluation of e-poster competition at Happy Gynecon 2021 on 17 Sept 2021
12. Involved as resource person in the 4th Workshop on Augmentation of Teaching Skill for Senior Residents of AIIMS, Bhubaneswar on 30/09/2021 & 01/10/2021 wherein conducted a session on "Principles of adult learning" and assessed micro-teaching by the participants
13. Attended webinar on "Luteal phase support in infertility", organized by Indian Fertility Society Odisha Chapter on 12 Sep 2021
14. Participated in a workshop on online open book examination conducted by Medical Education Unit, AIIMS, Bhubaneswar on 24 Jul 2021
15. Was quiz co-ordinator and quiz master for the session "High risk obstetrics" in PG Master Class Series in Clinical Obstetrics, organized by Dept. of Obstetrics and Gynecology, AIIMS, Bhubaneswar on 9 Jul 2021
16. Attended "Curbside clinics on endometriosis and infertility", organized by Gynae Obs Dehradun Society with Federation of Obstetric and Gynaecological Societies of India (FOGSI) on 29 Jun 2021
17. Delivered a talk on "Importance of peri-conceptional care in today's perspective" in East Zone Yuva FOGSI, organized by Siliguri OBGYN Society from 18-20 Jun 2021
18. Attended Fertility Conclave conducted by Royal College of Obstetricians and Gynaecologists North Zone, India, on 6 Jun 2021
19. Attended Karl Storz e-masterclass – "Mastering the techniques of hysteroscopy" on 25 May 2021
20. Attended webinar on "Vaccination in pregnant and lactating women & Care of newborn and children during COVID 19 pandemic", organized by UNICEF & NRHM, on 14 May 2021

21. Attended webinar on "What is fatty liver", organized by PCOS Society of India on 8 May 2021
22. Attended FOGSI Webinar Series on COVID-19 & Women's healthcare, Managing infertility during COVID-10 pandemic on 4 May 2021
23. Attended webinars on p value and confidence intervals organized by SnapStats, BCBR (Basic Course in Biomedical Research) team, ICMR-NIE on 16 Apr, 2021 and 30 Apr 2021, respectively
24. Participated in hands on workshop on robotics, Robotics Onboarding Program and Education (ROPE) at AIIMS, Bhubaneswar on 8 Apr 2021
25. Attended Projecting Rising Indian Dynamic Endoscopists (PRIDE) II Conference organized by Indian Association of Gynecological Endoscopists (IAGE) from 3-4 Apr 2021

Dr Jasmina Begum

1. Passed and completed the "Certificate in Genetic Counselling Course" conducted by Medisys eVarsity, Division of Medisys Edutech Pvt. Ltd on 9 Mar 2022
2. Attended CME on to prevent PPH with room temperature Stable Carbetocin and Estrogen free Pill organized by Bhubaneswar O&G society on 12 Mar 2022
3. Attended CME on Future of ART conducted by OASIS Infertility Centre, Bhubaneswar on 31 Mar 2022.
4. Attended as a panellist in live webinar on Hypertensive disorder in Pregnancy organized by the Bhubaneswar Chapter of the Indian Society of Perinatology and Reproductive Biology (ISOPARB) on 19 Feb 2022.
5. Felicitated with Fellow in Indian college of Gynecologist (FICOG) honour by the Indian College of Obstetricians and Gynaecologists of the Federation of Obstetric and Gynaecological Society of India on 11 Jan 2022
6. Speaker and Resource person in Virtual capacity building of O&G Specialist of state working in FRUs to strengthen USG services, Conducted by Directorate of Family Welfare, Odisha (State maternal and Child Survival Cell). Delivered a talk on "Early Pregnancy 4-10 weeks Scan" on 28 Jan 2022.
7. Attended CME on Ovarian stimulation and Endometriosis conducted by Odisha Chapter Indian Fertility Society on 14 Nov 2021
8. Attended CME on Rh isoimmunization and Prevention of PPH organized by Bhubaneswar O&G Society in association with Bharat Serum on 26 Nov 2021
9. Participated in All India coordination committee- Royal College of Obstetricians and Gynecologists (AICC RCOG) Annual Conference on a virtual platform on 1-3 Oct. 2021
10. Attended webinar on the Role of Artificial Intelligence in Obstetrics and Gynaecology conducted by the Society of Fetal Medicine India on 5 Oct. 2021.
11. Resource person in WISEEN 2021, conducted by students' association AIIMS, Bhubaneswar along with the Dept. of Obstetrics and Gynecology on 24 Sep 2021.
12. Attended MEDHA Federation of Obstetric and Gynaecological Societies of India, Indian
13. College of Obstetricians & Gynaecologists (ICOG) PG Training Online educational Programme every week Wednesday at 7 pm from Jul 2021 to Mar 2022.
14. Attended webinar on Genetic Education Series – Basics of Genetics conducted by Federation of Obstetrics and Gynaecology of India on Webinar on 6 Oct 2021.
15. Attended the workshop conducted by IT department for IPD desk module taken the responsibility to initiate and smooth functioning of IPD desk module in the department, Sept 2021.
16. Attended and Successfully Completed the training on data management and analysis in MS Excel, Module-I from 15 Jul to 13 Aug 2021 organized by Odisha social science research and consultancy, Bhubaneswar.
17. One-day Hands-on educational training on Robotics surgery on manikin organized by surgical oncology on 8 Apr 2021 AIIMS, BBSR.
18. Attended Educational webinar on Labour Workshop conducted by Vijayawada Obstetrics & Gynaecological Society and Covai Obstetrics & Gynaecological Society on 14 Aug 2021
19. Attended monthly educational meet of the AIIMS Research Forum scheduled on 31 Aug, 29 Jun, 25 May, 27 Apr 2021 till Mar 2022.

20. Attended online workshop "Online Open Book Examination" to be held on 24 Jul 2021, Medical Education Unit AIIMS, Bhubaneswar.
21. Attended the Obstetrics and gynaecology society of southern India midyear conference 2021 in the online workshop on "multiple pregnancies and multiple challenges" held on 29 May 2021.

Dr Chandra Jyoti

1. Attended CME Future of ART organized by OASIS Fertility Centre, Bhubaneswar on 31 Mar 2022.
2. Attended Webinar on Cervical cancer: Screening to surgery on 13 Mar 2022 organized by Doxplexus.
3. Attended CME to prevent PPH with room temperature Stable Carbetocin and Estrogen free Pill organized by Bhubaneswar O&G society on 12 Mar 2022.
4. Participated in Endometriosis awareness week program held on 7 Mar 2022 organized by O&G Department, AIIMS, Bhubaneswar
5. Participated in the World birth defects day program organized by the department of Obstetrics and Gynaecology on 3 Mar 2022.
6. Attended Webinar on "Laparoscopy Tips and Tricks" on 3 Feb 2022 organized by Ian Donald Masterclass.

Dr Sushree Monika Sahoo

1. Attended CME Future of ART organized by OASIS Fertility Centre, Bhubaneswar on 31 Mar 2022.
2. Attended CME to prevent PPH with room temperature Stable Carbetocin and Estrogen free POP organized by Bhubaneswar O&G society on 12 Mar 2022.
3. Participated in and conducted the Endometriosis awareness week program on 7 Mar 2022 in the department of Obstetrics and Gynaecology, AIIMS, Bhubaneswar.
4. Participated in the World birth defects day program organized by the department of Obstetrics and Gynaecology on 3 Mar 2022.

AWARDS, HONOURS & SIGNIFICANT EVENTS

1. Dr Sweta Singh prepared the video of the Department of Obstetrics and Gynaecology, AIIMS Bhubaneswar "We Stand with you during COVID times" with for general public to highlight the work done by us during the pandemic.
2. The Department of Obstetrics and Gynaecology, AIIMS Bhubaneswar observed the month of Mar as 'Endometriosis Awareness month' and the week from Mar 3 to 9 Mar 2022 as 'Endometriosis Awareness week' with educational programme for patients being organized in the OPD.
3. We observed the 8th World Birth Defects on 3 Mar 2022 with an awareness programme for patients in the OPD block of Department of Obstetrics and Gynaecology, AIIMS Bhubaneswar and a slogan writing programme on "Why birth defects matter in India". Awareness was also spread on social media using the #WorldBDDay hashtag.
4. Dr Sweta Singh participated in WHO call for elimination of cervical cancer, contributed actively by being part of organizing team for public awareness programme and taking the pledge for elimination of cervical cancer on 16 and 17 Nov 2021.
5. Organized a hands-on training in Chorionic Villus Sampling (CVS) under the "Control of thalassemia and sickle cell disease project Odisha", on 1 Apr 2021 at AIIMS Bhubaneswar, with Prof Swati Rathore from CMC Vellore as chief resource person. 26 doctors of the department were given hands on training on mannequin during the workshop. Following the training, Dr Jasmina Begum, Dr Sweta Singh, Dr Saubhagya Kumar Jena did the first Chorionic Villus Sampling procedure at AIIMS Bhubaneswar on 3 Nov 2021.
6. Dr Jasmina Begum conducted and organized awareness programme on World breast feeding week in various areas of department of Obstetrics and Gynaecology by involving the postgraduates of the department on 7 Aug 2021.
7. Dr Sweta Singh was a part of the AIIMS Bhubaneswar Regional Centre of Excellence Clinical Excellence Programme for management of COVID-19 for the state of West Bengal and Odisha. This was a series of webinars organized with Ministry of Health and family Welfare, Government of India and the Health and Family Welfare Department, Government of West Bengal. Delivered a talk on "Management of COVID-19 in pregnancy and lactation and the changing issues of vaccination" on 16 Jul 2021.

8. Dr Sweta Singh received certificate of appreciation from FOGSI for commitment towards elimination of cervical and breast cancers in India in 4 Jun 2021.
9. Dr Jasmina Begum organized an Online PG master class series in "clinical obstetrics as organizing secretary on medical disorders in pregnancy" on 25 Jun 2021 on High-risk pregnancy, 9 Jul 2021, Emergency and operative obstetrics on 23 Jul 2021, Intrapartum care on 6 Aug 2021, Postpartum care on 20 Aug 2021. This was conducted by Department of Obstetrics and Gynaecology, AIIMS Bhubaneswar. Postgraduate students from different medical colleges across the Odisha state had participated.

PATIENT CARE / HOSPITAL SERVICES

Total number of patients seen in OPD is 32074 (New: 10250, Old: 20570 & Referral: 1254). Obstetrics – 7247 and Gynaecology- 24827. The total number of patients seen in Special Clinics is Infertility – 1240 & High-Risk Pregnancy- 2270. The total number of Ultrasonography done in the Department is 7325, out of which Obstetrics – 2036, Gynaecology – 1711, and in labor room 3578. Total number of Colposcopy done in the Department – 62. The total number of Intrauterine Devices Inserted – 37 (LNG IUS -36).

The total number of patients admitted in IPD – was 2815, out of which Obstetrics – 1973 and Gynaecology – had 842.

Total number of Surgeries performed in Operation Theatre –580 Out of which Major Surgeries – were 452 (Surgeries like vaginal hysterectomy with pelvic floor repair for pelvic organ prolapse, non-descent vaginal hysterectomy, total abdominal hysterectomy with bilateral salpingo-oophorectomy for an ovarian tumor, exploratory laparotomy, myomectomy for fibroid uterus and unilateral salpingo-oophorectomy for large ovarian cyst, Wertheim's hysterectomy, LSCS, etc). Minor Surgeries –128 (Surgeries like fractional curettage, LEEP, biopsy cervix, dilatation and curettage, examination under anesthesia, endometrial biopsy, polypectomy and evacuation for incomplete abortion, cervical cerclage, etc). Laparoscopic Surgeries – 36 (Surgeries like diagnostic laparoscopy, DHL, operative hysteroscopic procedures, laparoscopic ovarian cystectomy, TLH, LAVH, laparoscopic endometriosis surgery, sacrospinous fixation, laparoscopic radical hysterectomy, etc)

The total number of Deliveries is 1437. Out of which LSCS – 1050, Vaginal Delivery- 387, Live Births – 1440 & Still Births - 37.

**All India Institute of Medical Sciences,
Bhubaneswar - 751019**
(An Institute of National Importance under Ministry of Health & Family Welfare, Govt. of India)

Department of Obstetrics and Gynaecology
Cordially invites you for the

**FIRST POSTGRADUATE MASTER CLASS SERIES
IN CLINICAL OBSTETRICS 2021**



Dr. Gitanjali Batmanabane
Chief Patron



Dr. Debasish Hota
Patron



Dr. Sanbhagya Kumar Jena
Organizing Chairperson



Dr. Sweta Singh
Scientific Chairperson



Dr. Jasmina Begum
Organizing Secretary



Dr. Pruthwiraj Sethi
Co-Organizing Secretary



Dr. Deepthy Balakrishnan
Coordinator for Case Presentation



Dr. Subarna Mitra
Coordinator for Quiz

Awareness Programme for patients and pledge taken by the members of the Department of Obstetrics and Gynaecology, AIIMS Bhubaneswar towards elimination of cervical cancer in the OPD complex of Department of Obstetrics and Gynaecology (O&G), AIIMS Bhubaneswar on 17 Nov 2021



First Postgraduate Masterclass Series

World Birth Defects Day Awareness Programme
3 Mar 2022



Endometriosis Awareness Month-Mar 2022

OPHTHALMOLOGY

FACULTY

Additional Professor & HOD	Dr Sucheta Parija
Associate Professor	Dr Priyadarshini Mishra
Assistant Professor	Dr Bhagabat Nayak
	Dr Sandip Sahu
	Dr Bruttendu Moharana
	Dr Bijnya Panda

HIGHLIGHTS

The department of Ophthalmology is presently involved in patient care in the form of outpatient services, ophthalmic surgeries and inpatient services. Department is also involved in the screening of retinopathy of prematurity (ROP) in neonatal ICU. The department has been continuously providing its service in this year of COVID pandemic in the form of patient care, teaching and research. The department has contributed to COVID related publications from AIIMS Bhubaneswar also. As a significant success, the department has participated in Rapid Assessment of Avoidable Visual Impairment (RAAVI) in the population aged 40 years and above in Khordha District in Odisha in collaboration with Dr R.P. Centre, AIIMS, New Delhi and the report submitted to both the Ministry of Health and Family and welfare of India and Odisha by Dr R.P. Centre, AIIMS, New Delhi. The department of Ophthalmology has been the first in the state to start cataract and refractive surgeries with premium intraocular lenses (Panoptix, Eyhance, Acryva, Trinova) for cataract patients. Department has started the cataract surgery in the community ophthalmology programme in collaboration with AIIMS community health centre at Tangi, Khorda under National Programme for Control of Blindness (NPCB). It is involved in the Rastriya Bal Swasthya Kalyan Yojana (RBSK) activities and is continuing surgeries on congenital cataract, congenital glaucoma, strabismus and congenital nasolacrimal duct obstruction. Specialised services like Glaucoma, Neuroophthalmology, Oculoplasty and oncology and medical retina services are going on by trained faculties as tertiary care facilities in eye care.

EDUCATION

Department is involved in the teaching of Postgraduates, MBBS, BSc nursing students. Currently, five MS thesis/dissertations are going on. All theory and clinical ward teaching classes are conducted as per the schedule. Clinical ward round by faculties and evening ward teaching for junior residents are held regularly. Further, the department is involved in taking six monthly internal assessment examination for PGs and end posting examination of MBBS students in every two weeks. Seminars, Journal clubs and special guest lectures are held regularly in the department for better academic atmosphere among Junior residents, Senior Residents and interns. Surgical teaching of PGs is done through assisting the Junior residents step by step by faculties and SRs. There are CMEs, workshops and Guest lectures by visiting faculties to improve the surgical skills and keep updated with the recent advances.

CONFERENCES/CME/WORKSHOP ATTENDED & LECTURE DELIVERED/ PAPER PRESENTED

Dr Sucheta Parija

1. Participated as Speaker and Chairperson in Eastern India Zonal Ophthalmological Congress (EIZOC) annual conference 2022 at Puri and presented a topic on " Traumatic pediatric cataract surgeries" in the Pediatric Cataract sessions and "Pattern Strabismus- Overview" in Strabismus session and on 26-27 Mar 2022.
2. Guest Speaker for the Cataract and Refractive session presented on topic "Trifocal IOL- Pros and Cons" in EIZOC-2022 held at Puri on 26 Mar 2022.
3. Participated as moderator and panellists for Case Presentations in the Grand Round Series- VOICE of East in EIZOC 2022, virtual mode on 24 Feb 2022.
4. Participated as guest Speaker to deliver on topic " Lasers in Ophthalmology- Diagnostic and therapeutic uses" at International workshop on Radiation Transport and Applications organised by Indian Institute of technology (IIT) Bhubaneswar on 28 Jan 2022.
5. Participated as guest speaker to present on topic " Synergy Trifocal Intraocular lens-our experience " at Cataract session in Annual conference of Bihar Ophthalmological Society (BOSCON 2021) (Hybrid Mode) on 19 Dec 2021.

6. Participated as speaker on "Pediatric eye diseases" in Odisha Ophthalmological Conference at Rourkela on 7 Nov 2021.
7. Participated in webinar as a moderator and judge for National symposium on "Surgical Challenges in Cataract Surgery" on 17 Sep 2021.
8. Participated as panalist and group discussion on "Eye donation and hospital corneal retrieval program(HCRP) in various hospitals: CME conducted by Drishti Dan and LVEP Eye Institute Bhubaneswar on 27 Aug 2021.
9. Participated in webinar as a Judge and moderator for Pediatric Ophthalmology free paper session in All India Ophthalmological annual conference (AIOC) KOLKOTA 2021 on 24-27 Jun 2021.
10. Participated and presented a paper on the "Effects of Phacoemulsification in Myopia with OCT measurements- A prospective study in AIOC KOLKOTA 2021 on 24-27 Jun 2021.
11. Participated and presented as speaker in virtual mode in the Instruction course on topic- "Pediatric Cataract Management below 8 years" in Pediatric Ophthalmology session in AIOC KOLKOTA 2021 on 23 Jun 2021

Dr Priyadarshini Mishra

1. Participated as a faculty and gave talk on topic "Uncommon differential diagnosis of optic disc edema: Case based approach" in 3rd Annual conference of Indian Neuro- Ophthalmology Society in Delhi on 23 -24 Oct 2021.
2. Participated as a panelist on topic "Ocular surface disorder" in Odisha society of Ophthalmology(OSOS) webinar on 6 Oct 2021.
3. Participated as faculty gave a talk on topic "Malignant Hypertensive Retinopathy- Never miss the diagnosis" in 72nd Annual DOS International Hybrid Conference 2021 on 26 Sep- 3 Oct 2021.

Dr Bhagabat Nayak

1. Participated as invited speaker on "Post traumatic glaucoma" on the foundation day of Dr R.P.Center,AIIMS,New Delhi on 12 Mar 2022.
2. Participated in webinar as moderator for Case Presentations in the Grand Round Series on topic "Iridocorneal endothelial syndrome (ICE) and its management- A two case series" in EIZOC 2022 on 24 Feb 2022.
3. Participated as speaker in an instruction course on the childhood glaucoma and presented on topic "Normal IOP in children" in All India Ophthalmological Conference 2021 on 27 Jun 2021.

Dr Sandip kumar Sahu

1. Participated in Eastern India Zonal Ophthalmological Congress (EIZOC) annual conference and presented paper on topic "Retinopathy of Prematurity Screening -Need of the hour" at Puri on 26 Mar 2022.
2. Participated as speaker and delivered a talk on topic "Our strategy for Prevention & overview of Blindness in India" at 12th Annual Conference of Association of Community Ophthalmologists of India Virtual session on 22 Aug 2021.
3. Participated as guest speaker and delivered a talk on topic "Guidelines for the diagnosis, Staging and management of Rhino-Orbito-Cerebral Mucormycosis in the setting of COVID-19" in Indian Medical Association(IMA) Oration Mahakumbha at Bhubaneswar virtual forum on 25 May 2021.

Dr Bijnya Panda

1. Participated and presented as chief author in video presentation titled "Tips and tricks in bridge suture during cataract surgery" at TWO MINUTES TO WIN competition in 34th EIZOC 2022 at Puri on 26-28 Mar 2022.

PATIENT CARE / HOSPITAL SERVICES

Department has currently conducting speciality clinics as Glaucoma clinic, Paediatric ophthalmology and strabismus, Diabetic screening clinic and ROP screening activity. Cataract surgery in patients coming through community ophthalmology camp services already going on under NPCB programme as a reach-in activity and surgeries are conducted free of cost for the patients. Children are operated under RBSKY program for ocular eye diseases. Anterior segment laser (Nd: YAG), posterior segment laser (argon green laser) and Humphrey visual field machine installed in the previous year for better patient care. The total number of patients attended in ophthalmology OPD (including telemedicine and ROP screening) in the year 2021-2022 were 30,969, the no of patients admitted in IPD were 1096. A total of 1043 patients undergone surgery in main OT and 381 patients undergone minor OT procedures and laser procedures in casualty OT and OPD making a total

1424 patients who had undergone any intervention in terms of surgeries and lasers. The total number of diagnostic tests like intra ocular pressure(IOP) measurement, BIOMETRY, USG B SCAN, fundus fluorescein angiography(FFA), optical coherence tomography(OCT), automated refraction (AR) were 49,026, conducted on these patients.

VISITING SCIENTISTS

1. Prof Rajesh Sinha from Dr R.P.Centre,AIIMS,Delhi had an interactive session with faculties and residents on 5 Nov 2022

AWARDS, HONOURS & SIGNIFICANT EVENTS

1. Dr Sucheta Parija received the " Jagat Zita Nari Award" for her contribution towards community eyecare services in Odisha on International Women's day celebration by National Advocate association held at Bhubaneswar on 7 Mar 2022.
2. Dr Sucheta Parija received the "State Award" and felicitated in the Eastern Indian Zonal Ophthalmological Conference (EIZOC-2022) held at Puri for her exemplary work on patient care and scientific contribution in Odisha on 26 Mar 2022.
3. Dr Koyel Chakraborty, senior resident received the Young Researcher award 2022 for her paper on " Study of ganglion cell complex and retinal nerve fiber layer in perichiasmatic brain tumor patients: a prospective observational study' in EIZOC 2022 at Puri on 27 Mar 2022.
4. Dr Bhagabat Nayak, Assistant Professor is working as an external expert member in procurement committee for the department of Ophthalmology, AIIMS, Kalyani.
5. Dr Bijnya Panda Selected as participant of "Leadership development program" state representative from Odisha state Ophthalmological Society for the year 2022-23 under All India Ophthalmological Society academic research committee.
6. Department of Ophthalmology was involved in the celebration of "Glaucoma awareness week" on 10 Mar 2022 and World Sight Day – 14 Oct 2021 to spread awareness on the preventable causes of blindness. Media coverage done for the awareness purpose both in electronic and print media by the department of Ophthalmology.
7. Department of Ophthalmology was involved in the celebration of Retinoblastoma week in second week of May 2021.



Celebration of Glaucoma awareness week on 15 Mar 2022



Farewell meeting to our passing out PG students in Jan 2022



PG viva examination in presence of external examiners on 5 Nov 2022



All faculties in department with external examiner for PG examination, Prof Rajesh Sinha and Prof Jayshree Dora.

ORTHOPAEDICS

FACULTY

Additional Professor & HOD	Dr Bishnu Prasad Patro
Additional Professor	Dr Sujit Kumar Tripathy
Associate Professor	Dr Mantu Jain
Assistant Professor	Dr Gurudip Das
	Dr Gunjar Jain
	Dr Deepak Neradi

HIGHLIGHTS

The Department started with baby steps in 2013 and since then has taken giant leaps to become one of the most sought-after centers for excellence in the city which caters to not only the home state but regional and zonal area. The statistics state that Department has performed more than 1500 major surgeries and treated nearly 1,00,000 patients in OPD in this year which is apart from the telemedicine services. The IPD has 100% bed occupancy at any time with almost half of the private wards being occupied by orthopedic patients. The rising popularity is attributed to variety of surgical services that encompasses basic fractures to complex spine, joint replacement, sports injuries etc. related surgeries. The Department has performed more than with results at par with any other centre of excellence. The Department began post-graduation training programme in year 2018 and there has been overwhelming response. It has senior residents flowing from all across the country and this makes it a cosmopolitan Department. The first batch of MS students passed with distinction and joined back as senior resident to have some more training. The Department conducted extensive teaching programme for all batches of MBBS, MS and senior residents in the COVID pandemic. This year 5 the Department has been upgraded with lot of new instruments and state of art technology due to keenness shown by our esteem Director madam in the growth of the Department. The Department has immensely contributed in the COVID times diverting largest manpower for the call of humanity. It has done role plays and public awareness campaigns for sensitizing people for COVID appropriate behavior

EDUCATION

The Department is involved in postgraduate (MS), undergraduate (MBBS) and B.Sc. (Nursing) teaching. It has been following the new curriculum for undergraduate and postgraduate students formulated in AIIMS Bhubaneswar. MBBS students' theory and practical classes are designed to train them on basic aspects of Orthopedics and meet the need of primary health Centre. Postgraduate training span from basic orthopedics to complex orthopedic conditions with more emphasis on hands on training. There is regular departmental seminar and workshops to fulfil the cognitive, affective and psychomotor domains of learning. Students are encouraged to present papers in various conferences. There has been extensive online teaching owing to the COVID pandemic

CONFERENCES/CME/ WORKSHOP ATTENDED & LECTURE DELIVERED/ PAPER PRESENTED

Dr Bishnu Prasad Patro

1. Attended workshop on artificial intelligence on health care, on 4 Jul 2021 organized by MEU, AIIMS, Raipur.
2. Attended Faculty Development Program on Creative Thinking, from 12-14 Aug 2021 organized by division of research, JIPMER.
3. Attended national level annual workshop and academic fest WISSEN 4.0 as trainer from 24-26 Sep 2021 at AIIMS Bhubaneswar. Presented talk on "How to read an x-ray and basic plaster technique"
4. Attended Faculty Development programme, "Research Methodology and Basic biostatistics" on 17-18 Jul 2021 at AIIMS Bhubaneswar.
5. Attended Odisha Orthopaedic Annual Conference on 12 Mar 2022 at Puri. Presented a talk "Osteoporosis Fracture-Recent consensus"
6. Presented talk on "Bone cuts in Total Knee replacement", at Saw bone workshop on TKR, AIIMS, Bhubaneswar on 25 Sep 2021.
7. Presented talk on "Osteochondral defect" at national Knee preservation -The Revolutionary Advancement and the next Gold Standard on 26 Sep 2021.

Dr Sujit Kumar Tripathy

1. Organized AO Trauma Introduction to basic principles in fracture management at AIIMS Bhubaneswar on 12 Dec 2021.
2. Invited by Nepal Orthopaedic Association to deliver a lecture on "How to make a research question?", in their webinar on "Research for Busy clinicians" on 3 Jul 2021
3. Presented a paper in European Federation of National Associations of Orthopaedics and Traumatology (EFORT) from 30th Jun to 2 Jul 2021 on topic "External Fixation Versus Open Reduction and Internal Fixation In Complex Tibial Plateau Fracture: A Systematic Review And Meta-Analysis"
4. Invited by Ortho TV-young master forum on 20 Aug 2021 (Tibial spine fixation) to deliver a lecture on "Arthroscopic Tibial spine fixation: video demonstration"
5. Invited to the webinar by Ortho TV- Maharashtra orthopaedic Association Masters class on 29 Aug 2021 (Basic hip arthroplasty course) to deliver a talk on "Medical management of AVN"
6. Presented a paper at 41st SICOT Orthopaedic World Congress, Budapest Hungary from 14-18 Sep 2021 on topic "Intraarticular Hyaluronic acid instillation following arthroscopic anterior cruciate ligament reconstruction: a systematic review"
7. Presented a poster at 41st SICOT Orthopaedic World Congress, Budapest Hungary from 14-18 Sep 2021 on topic "Limb length discrepancy in total Knee arthroplasty and its impact on functional outcome: a prospective cohort study (Awarded SICOT-CCJR meeting award for the best poster in Arthroplasty)"
8. Delivered a lecture on "Difficult scenario on acetabulum fracture" and chaired a session in the online webinar of Odisha orthopedic association on Pelvi-acetabulum fracture on 10 Jun 2021
9. Invited faculty to AO Trauma Blended Course-Basic principles of fracture management from 8- 9 Oct at Bhubaneswar and delivered six lectures: Recap of module 1, 2, Video: Principles of Internal fixation using locking compression plate, Video: PFNA and DHS, Video: IM nail tibia and femur, Rational of preoperative planning: how I do it, Minimally Invasive Plate osteosynthesis: When to use it? Demonstrated the nailing, plating techniques on saw bones.
10. Invited faculty to 2nd International Conference on Advanced Treatment of Hip, Knee and shoulder pathology 2021 (Hybrid Congress) jointly organized by the Ukrainian Association of Orthopaedists and Traumatologists, EFORT (European Federation of National Associations of Orthopaedics and Traumatology) and European Hip Society from 15- 16 Oct 2021; delivered a lecture on topic "THR in acetabular fractures"
11. Invited as a faculty to Silver Jubilee conference of Indian Arthroplasty Association (IAACON) 2021 held at Mumbai between 22-25 Sep and delivered a lecture on "periprosthetic fracture around femoral component in THR". Moderated the best paper session as a Judge.
12. Invited faculty to symposium on "Cutting academy" organized by Stryker India at Bhubaneswar on 30 Oct 2021. Delivered a lecture on Cutting tools in orthopedics: the latest evidence
13. Invited as a faculty by the Deputy education committee to deliver two lectures on total hip arthroplasty (Tips and Tricks to achieve perfect version in THR, Gription cup: the ultra-porous acetabular cup fixation) in HIP-360 degree on 27 Nov 2021.
14. Invited to IOACON 2021 at Goa, India from 19- 25 Dec as a guest faculty and chairperson. Delivered a guest lecture on "Pelvic osteotomies for exstrophy bladder" and chaired a session on hip fracture.

Dr Mantu Jain

1. Participated as faculty and DOACON, New Delhi 25-28 Nov 2021 and a paper titled "Large intra spinal cement leak following multilevel cement augmented pedicle screw fixation"
2. Presented a free paper in BSSCON 2021 titled "Changes in the sagittal spino-pelvic parameter following THA in secondary hip arthritis" on 13 Nov
3. Invited as a faculty in the ASSI spine outreach programme at AIIMS Raipur on the theme "Degenerative Spine Disease" on 16.Oct.2021
4. Presented an e-poster at the Global Spine Congress titled "Histological difference in Ligamentum flavum between LSS and non-LSS groups" on 3-5 Nov 2021
5. Participated as a faculty in the AO trauma blended course in Bhubaneswar on 8-10 Oct 2021
6. Participated in faculty development programme on sample size calculation on 25 Sept 2021 at AIIMS Bhubaneswar

- Presented an interesting case virtually at the CME titled- Tuberculosis: recent updates and emerging challenges organized by department of microbiology, AIIMS Bhubaneswar on 23 Mar 2022
- Participated as delegate faculty development program by medical education unit on Sample size calculation

Dr Gurudip Das

- Completed the AO Spine National fellowship at Indian spinal injuries centre, New Delhi from 29 Nov – 25 Dec 2021.
- Attended as faculty the Pre conference Basic spine cadaveric course of Annual Conference of Indian Orthopaedic association 2022(IOACON 2022) held at Goa on 21 Dec 2021 and presented a talk "Anterior approach to cervical spine"
- Attended the Annual Conference of Odisha Orthopaedic association 2022(OOACON 2022) held at Puri on 12-13 Mar 2022 and moderated a session on Bone tumors.
- Attended the Annual Conference of Tamil Nadu Orthopaedic association 2022(TNOACON 2022) held at Trichy, Tamil Nadu on 18 – 20 Mar 2022. Participated as a faculty and gave a talk on "My approach to deal to deal with sagittal imbalance in ankylosing spondylitis"
- Attended the ASSI Basic research methodology workshop on 28 Jun – 2 Jul 2021 and successfully cleared the assessment. The workshop and the assessment both were in virtual mode.
- Attended the Faculty development program "Research methodology and basic biostatistics" on 17-18 Jul 2021 at AIIMS Bhubaneswar. The conference was held in Physical mode.
- Organised [organising secretary] and attended a saw bone workshop on "Total knee arthroplasty" conducted by the Dept. of Orthopaedics AIIMS Bhubaneswar on 25 Sep 2021. Delivered a lecture titled "Anatomical considerations in Total knee arthroplasty".
- Attended the "Basic course in Biomedical Research" organised by NPTEL, ICMR and National institute of Epidemiology [NIE]. Cleared the online assessments and proctored examination [Held on 22 Aug 2021] successfully with a consolidated score of 90%.
- Attended the "ASSI combined instructional course in spine and live Spine surgery course "2021 [Degenerative spine : Basic to advance management] on 27 - 29 Aug 2021 as a delegate. The conference was attended in virtual mode.

PATIENT CARE / HOSPITAL SERVICES

Round the clock online patient services through "AIIMS Bhubaneswar Swasthya App" and telemedicine during the COVID-19 pandemic. Regular OPD, IPD services during non- COVID-19 times and emergency patients in COVID-19 times Surgery includes basic trauma surgeries to advances surgeries in replacement, spine, arthroscopy and pelvi-acetabulum. (to name a few: MSK oncology patients, using Bone bank for allograft, uni-condylar knee arthroplasty, Primary and revision hip and knee arthroplasty, mega prosthesis for bone malignancies, Complex trauma cartilage preservation procedures, pediatric complex bony procedure for ectopia vesicae/ exstrophy bladder, OLIF and other novel spine surgeries including deformity correction. Faculty members in various committee such as medical board, Institute transfusion committee, Institute clinical advisory committee, Bone bank committee

AWARDS, HONOURS & SIGNIFICANT EVENTS

Dr Bishnu Prasad Patro

- Designed and applied for patent. Artificial intelligence in Orthopaedics, A method and system for preoperative surgical planning. Application No: 202131034547.
- Vice president of "Odisha Arthroscopy Society".
- Organizing secretary for Odisha Arthroscopic Society conference 2022 by Odisha Arthroscopy Society.
- Joint secretary of Odisha Orthopaedic Association.
- Selected as member of Editorial Board of Journal of Plastic and Aesthetic Surgery.
- Reviewed scientific article of various orthopaedic journals such as Orthopaedic Research and reviews, Cureus, Journal of Orthopedics, Traumatology and Rehabilitation etc.
- Nominated as resource person and technical expert to finalise procurement of Orthopaedic equipment's for upcoming new AIIMS by HLL, Govt of India.

8. Selected as resource person for setting question paper of MBBS students, JIPMER.
9. Selected as resource person for setting question paper of MS Orthopaedic final examination of AIIMS Raipur and AIIMS Rishikesh

Dr Sujit Kumar Tripathy

1. Awarded with SICOT-CCJR award for best poster in Arthroplasty for the year 2021 at 41st SICOT World Congress, Budapest Hungary (15-18 Sep 2021)
2. Awarded best scientific paper in 19th Annual Conference of Association of Nuclear Medicine Physicians of India, 2021(18 - 19 Sep 2021)
3. Awarded best poster in 19th Annual Conference of Association of Nuclear Medicine Physicians of India, 2021 (18-19 Sep 2021)
4. Felicitated by "Nishta" a NGO for my social work to raise the health status of the community on 9 Sep 2021
5. His thesis student Dr Raghavendra Balagod received ICMR Post-Graduate Thesis grant for session Jan, 2022

Dr Mantu Jain

1. Passed AO Spine Global Diploma Exam 2021
2. Continued role as AO Spine Indian subcontinent delegate 2021-2023

Dr Gurudip Das

1. Selected to be a faculty at AO Spine Principle course 2022, Guwahati, India.
2. Continued role as a member of the task force of "National Scoliosis School Screening Program" of ASSI (Association of spine surgeons of India)
3. Selected to be a member of the ASSI (Association of spine surgeons of India) task force on COVID-19 management.
4. Reviewed articles for Indian journal of Orthopedics and BMC Musculoskeletal disorders
5. Faculty in charge of Undergraduate teaching for Department of Orthopedics.
6. Continued role as AO Spine Indian subcontinent delegate 2021-2023

PATHOLOGY & LAB MEDICINE

FACULTY

Professor & HOD	Dr Susama Patra
Professor	Dr Amit Kumar Adhya
Additional Professor	Dr Pritinanda Mishra
Associate Professor	Dr Somanath Padhi
	Dr Gaurav Chhabra
	Dr Suvendu Purkait
	Dr Mukund N. Sable
	Dr Madhusmita Sethy
Assistant Professor	Dr Pavithra Ayyanar

HIGHLIGHTS

The Department of Pathology and Laboratory Medicine, started in 2013, consists of nine faculty members who are supported by eight senior residents and nineteen junior residents; and both permanent and contractual technical staff members. At present, four M.D. residents are taking admission per session. The Department has been full-fledged doing in-house histopathology and cytopathology since 2014, and hematopathology/clinical pathology services since 2016. The Department, in addition to routine surgical pathology, cytopathology, and routine hematology/clinical pathology services, also provides specialized laboratory services in nephropathology, hepatopathology, GI pathology, neuropathology, including nerve and muscle biopsy studies, pathological autopsies, immunofluorescence studies, lymph node, and bone marrow studies, HLA-B27 and leukemia immunophenotyping by flow cytometry, coagulation studies including factor assays, thrombotic work ups such as lupus anticoagulant, antithrombin, protein S, protein C assay. These services are an integral part of the outdoor and indoor patient services provided by the Institute. The Department is actively involved in the research and have a substantially large number of research publications in various reputed national and international journals. The Department has received extramural research grants from different funding agencies such as DST, SERB, DBT, ICMR, etc, with an overall budget of almost two crores. The state-of-the-art Bio-Brain Bank as well as Molecular diagnostic facility for Breast and Lung cancer as a part of DHR-ICMR Advance Medical Oncology Diagnostic Services (DIAMOnDs) initiative, will also soon become a reality.

Our motto is to train the future generation of highly skilled medical practitioners who will contribute to society, offer diagnostic services for better health care at an affordable cost, and develop an advanced research module integrating basic and clinical personnel to add knowledge to the scientific community.

EDUCATION

In 2016, the Department was the first among all to start the MD course in Pathology with two students per session. At present, there are 22 students in total, with seven residents successfully completing their courses. The enormous load and varieties of diagnostic material available in this Institute have facilitated post-graduate exposure and learning. The undergraduate teaching started with the first batch of fifty MBBS students and subsequently increased to 100 students; from 2020 onwards, the number stands at 125 per batch. Since 2012, nine batches of MBBS students have successfully passed the 2nd Professional examination.

Additionally, the Department is actively involved in the teaching of MLT and Nursing students. Two of our faculty (Dr Somanath Padhi and Dr Mukund N Sable) have been involved in the institutional academic activities in Medical Education; and both have participated as resource persons in 1st year Undergraduate Foundation Course, Faculty Development Programme, Interns' Orientation program, Interns' exit OSCE examination, SR orientation program, and faculty development program (FDP) of the Institute and outside faculty. Dr Amit Kumar Adhya and Dr Pritinanda Mishra served as faculty coordinators for the undergraduate teaching classes of the Department of Pathology at AIIMS, Kalyani, West Bengal. The faculty and residents are actively involved in undergraduate and postgraduate teaching. Integrated teaching, case-based learning, student seminars and symposia, tutorials, incorporation of OSPE charts, and regular internal assessments have been the mainstay in learning and training. More than 150 museum specimens have been set up to facilitate undergraduate training.

In addition to routine intradepartmental academic activities (slide and topic seminars; and journal clubs), interdepartmental clinicopathological conferences (CPCs) with several clinical departments such as neurosurgery, gastroenterology Oncology/ Hematology, pulmonary medicine, endocrinology, etc); has been a part of routine Departmental activities.

CONFERENCES/CME/WORKSHOP ATTENDED & LECTURE DELIVERED/ PAPER PRESENTED**Dr Susama Patra**

1. Attended as a Faculty-cum-Resource Person at the Annual Headquarter CME on "Non-neoplastic lesion of Liver" and "Case Based Approach and Interpretation of Liver Biopsies" organized by IAPM, Odisha Headquarter, held at Chahta, Cuttack, on 6 Mar 2022.

Dr Amit Kumar Adhya

1. Attended as a Panelist cum Judge for the Jwal Devi Award Paper session at Cytocon organized by Department of Pathology, AIIMS, New Delhi on 5 Nov 2021 (virtual).
2. Attended as a Panelist cum Judge for the Oral Paper session at IAPM-Odisha State Chapter conducted by Department of Pathology, VSS Medical College, Burla, on 12 Sep 2021 (virtual).

Dr Pritinanda Mishra

1. Attended as a Faculty-cum-Resource Person for Annual Headquarter CME organized by IAPM, Odisha on "Case Based Approach to and Interpretation of Liver Biopsies" held at Chahta, Cuttack, and presented cases on "Hepatic Granuloma" on 6 Mar 2022.

Dr Somanath Padhi

1. Attended as a Faculty-cum-Resource Person for Annual Headquarter CME on "Case Based Approach to and Interpretation of Liver Biopsies" held at Chahta, Cuttack, and presented a case on "Phenytoin induced hepatic granuloma" on 6 Mar 2022.
2. Attended as the Chairperson on Acute Myeloid Leukemia: Impact of Minimal Residual Disease on Management and Prognosis at 62nd HEMATOCON (Virtual) organized by Indian Society of Hematology and Blood Transfusion on 13 Nov 2021.
3. Participated as a Resource Person in 4th Workshop on Augmentation of Teaching Skills for Senior Residents of AIIMS Bhubaneswar, organized by MEU, AIIMS Bhubaneswar on 30 Sep 2021 and 01 Oct 2021
4. Participated as a Resource Person for the Faculty Development Program organized by Department of Medical Education Unit, AIIMS, Bhubaneswar on 14-16 Jul 2021.
5. Participated as a Resource Person for the Undergraduate Foundation Course on "Study Skill and Time Management" organized by Department of Medical Education Unit, AIIMS, Bhubaneswar on 5 Mar 2021.

Dr Gaurav Chhabra

1. Attended 62nd HEMATOCON (virtual) organized by Indian Society of Hematology and Blood Transfusion from 10-13 Nov 2021.
2. Participated in the workshop on Molecular diagnosis of Hematological malignancies in the 62nd HEMATOCON (virtual) organized by Indian Society of Hematology and Blood Transfusion on 10 Nov 2021.
3. Participated in the Faculty Development Programme on "Sample Size Calculation in Biomedical Research" organized and conducted by Research Cell, AIIMS Bhubaneswar on 18 Sep 2021.
4. Attended the workshop (Virtual) on Laboratory Diagnosis of Hemophilias, factor assays, Inhibitor screening and Bethesda Assays conducted by World Federation of Hemophilia and CMC, Vellore from 10-12 May 2021.

Dr Suvendu Purkait

1. Attended as an Invited Faculty and presented lecture on "Spinal IgG4 related disease" in 5th Annual National Conference of Neuropathology Society of India (NPSICON 2021) with Asia-Oceanian Society of Neuropathology (AOCN) Congress on 24 and 25 Sep 2021.
2. Participated as a Faculty and presented in the "case based approach session" in the Neuropathology Society of India Webinar on 25 Jun 2021.

Dr Mukund N. Sable

1. Participated as a Resource Person in Workshop on Online Open Book Examination for faculty from DOME KEM Mumbai & GSMC-FAIMER organised by MEU, AIIMS Bhubaneswar on 8 Dec 2021.

2. Participated as a Resource Person in Workshop on Online Open Book Examination for faculty from Pinnamaneni Siddhartha Institute of Medical Sciences Vijayawada (AP), organised by MEU, AIIMS Bhubaneswar on 23 Oct 2021.
3. Participated as a Resource Person in the 4th Workshop on Augmentation of Teaching Skill for Senior Residents of AIIMS Bhubaneswar, organised by MEU, AIIMS Bhubaneswar on 30 Sep 2021 and 01 Oct 2021.
4. Participated as a resource person in Workshop on Online Open Book Examination for AIIMS, Bhubaneswar nursing faculty organised by MEU, AIIMS Bhubaneswar on 18 Sep 2021.
5. Presented an e-poster online in AMEE 2021, Glasgow (UK) on 29 Aug 2021.
6. Participated as Resource Person in pre-conference workshop on Online Open Book Examination at AMEE 2021, Glasgow (UK) held on 28 Aug 2021.
7. Attended an Online workshop on Creative Thinking conducted for faculty of AIIMS Bhubaneswar organised by MEU, AIIMS Bhubaneswar, along with JIPMER, Pondicherry, from 12 to 14 Aug 2021.
8. Participated as a Resource Person in Workshop on Online Open Book Examination for AIIMS, Bhubaneswar faculty organised by MEU, AIIMS Bhubaneswar held on 24 Jul 2021.
9. Participated as a Resource Person in Workshop on Online open Book Examination for AIIMS, Bhubaneswar faculty organised by MEU, AIIMS Bhubaneswar held on 19 Jun 2021

PATIENT CARE / HOSPITAL SERVICES

Surgical pathology/Histopathology

1. 7951 cases (including small biopsies, large/resected specimen/ frozen section).
2. Special stains performed in 3808 cases for patient diagnosis.
3. 13868 immunohistochemical markers were used in 3185 cases for diagnosis.
4. Immunofluorescence facilities: 216 cases (kidney + skin biopsies)
5. Immunofluorescent markers used: 1211
6. Frozen section: 155 cases
7. Autopsies:
8. Pathological autopsies – 24

CYTOPATHOLOGY:

1. Total 8844 cases including Fine Needle Aspiration (blinded and imaging guided), body fluid cytology, cell block and immunocytochemistry.

HEMATOPATHOLOGY/CLINICAL PATHOLOGY:

1. Flow cytometry services used for the diagnosis of 56 cases of acute leukemia.
2. Bone marrow procedures performed and reported in 859 cases (aspiration and biopsies both).
3. 214055 tests of routine hematology (including routine CBCs, coagulation studies, Hb-HPLC, HLA-B27 workup)
4. Clinical pathology services performed in 19091 cases.

Started New Diagnostic Services in Hematology & Clinical Pathology Section

1. Thrombotic panel (Lupus Anticoagulant, Antithrombin, Protein S, Protein C)
2. HLA-B27 Analysis by Flow cytometry
3. Immunophenotyping for Chronic Lymphoproliferative Neoplasm
4. Coagulation Factor Assay

PAEDIATRICS

FACULTY

Professor & HOD	Dr Samarendra Mahapatro
Additional Professor	Dr Joseph John
	Dr Bhagirathi Dwibedi
	Dr Rashmi Ranjan Das
Associate Professor	Dr Amit Kumar Satapathy
	Dr Krishna Mohan Gulla

HIGHLIGHTS

A total number of 2034 of patients were admitted and treated in the inpatient Department and 14229 patients were seen in the outpatient Department. Pediatric ICU bed strength was increased to nine from five and it has catered clinical service to 324 sick children. Nine ventilators (including one HFO ventilator), and a pediatric flexible bronchoscope were installed in the Department. The Department is involved in ten funded studies, one non-funded studies apart from ten PG thesis. Pediatric sub-specialty services like Pulmonology, Nephrology, Epilepsy, Endocrinology, and Neurology have provided expert service to patients of Odisha and the nearby states through direct as well as tele-consultation. Need based research with focus on applied and operational research in the areas of important vaccine preventable diseases (Measles, Rubella, Rotavirus) antibacterial resistance, childhood asthma & pneumonia, autoimmune encephalitis, growth, nutrition, oral malignancy in adolescence, reflux nephropathy etc. were conducted that would supplement the current clinical management of patients as well as public health policy. Extramural research grants of more than Rupees 1.5 Crore were generated through funding from UNDP, ICMR, InClen India, DHR Govt. of India etc. The departmental faculty provided advisory/expert support as members of scientific academic and ethics committees of different institutes of repute (SOA University, ICMR-RMRC, KIIT University, VIMSAR, SCB Medical college etc.) and professional bodies (Indian Academic of Pediatrics, Lymphology Society of India) and Government. policy/program (NHM, ICDS, MoHFW, Odisha). Faculty contribution to academic, research, administration and medical education department of our parent institute (AIIMS, Bhubaneswar) were also significant as members of MEU, IRC, Intellectual property rights (IPR), and pharmaco-vigilance.

EDUCATION

The Department is involved in teaching postgraduates (MD; Paediatrics), undergraduates (MBBS), B.Sc. and MSc Nursing students as well as MCh Paediatric surgery residents. In view of COVID pandemic, virtual classes for PG as well as UG students were conducted including video demonstration of clinical cases. Evaluation of students is being done periodically using multiple choice questions, short answers and open book examination. Final year/Examinee batch (MBBS) are being trained on clinical skills with strict COVID guidelines. This was accomplished by dividing the group into small batches (max 10) to maintain effective social distancing. The department organized a hands-on training for paediatricians regarding bronchoscopy services for providing care to the children with Covid-19 related respiratory problems.

CONFERENCES / CME / WORKSHOP ATTENDED & LECTURE DELIVERED / PAPER PRESENTED

Dr Samarendra Mahapatro

1. Attended as a faculty for IAP-ALS Provider course at SVPPGIP, Cuttack on 26 - 27 Feb 2022.
2. Organized and participated as a resource person in the Orientation programme for nursing officers regarding Preparation for COVID-19 3rd wave from 1 - 9 Sep 2021.
3. Attended as a Panellist in Pediatric Hematology and Oncology Meet 2021 at SUM Hospital on 19 Sep 2021.
4. Participated as a speaker in a scientific session during POSHAN month on 25 Sep 2021 (A webinar organized by Dept of Psychiatric, AIIMS, Bhubaneswar and National Commission for Women).
5. As organizing chairman of the First Pediatric Bronchoscopy Hands-on workshop at AIIMS Bhubaneswar on 19 Oct 2021.
6. Attended as a chairperson in 23rd National Conference of Pediatric Infectious Diseases at Bhubaneswar on 13 Nov 2021.
7. As organizing chairperson of the 8th National Conference on Pediatric Education at AIIMS, Bhubaneswar from 26 - 28 Nov 2021.

Dr Bhagirathi Dwibedi

1. Attended the Acute encephalitis syndrome (AES) management sensitization workshop for health professionals of state of Odisha organized by NVBDCP, India & Odisha and delivered a session on AES management in children, held at AIIMS Bhubaneswar, 29 - 30 Mar 2022.
2. Attended the Acute encephalitis syndrome (AES) management sensitization workshop for health professionals of state of Odisha organized by NVBDCP, India & Odisha and delivered a session on AES management in children, held at AIIMS Bhubaneswar, 29 - 30 Mar 2022.
3. As a resource person participated in the orientation programme for Nursing officers on COVID 19 management among children at AIIMS Bhubaneswar from 1- 9 Sep 2021.
4. Participated in the webinar on role of nutrition in physical and mental health of women policy to plate as a chairperson in a scientific session conducted on POSHAN month event through collaboration of National commission for women and dept of psychology AIIMS Bhubaneswar on 25 Sep 2021.
5. Contributed to souvenir publication of VACCIODICON (5th vaccinology conference of IAP Odisha, Sep 2021) titled "Vaccination initiative and regional challenges: Academic Responsibility" on 26 Sep 2021.
6. Delivered an invited talk on "Research on education & Research in education" in 8th National conference on Pediatric education, AIIMS Bhubaneswar from 26 - 28 Nov 2021.
7. Part of organizing team of 8th National conference on Pediatric Education under central IAP at AIIMS Bhubaneswar from 26 - 28 Nov 2021.

Dr Joseph John

1. Participated in the annual CME of Jagannath Hospital on 13 Mar 2022 at Bhubaneswar as Chairperson for the interesting case scenarios session.
2. Appointed as East Zone Coordinator of the prestigious IAP Pediatric Quiz for Undergraduates for 2 years from 1 Jan 2022 - 31 Dec 2023.
3. Participated as a resource person in the Orientation Programme for Nursing Officers regarding Preparation for the 3rd wave of COVID-19 from 1 - 9 Sep 2021 at AIIMS, Bhubaneswar.
4. Attended VACCIODICON as Chairperson for the session on the logistics and infrastructure required for an ideal immunization clinic held on 26 Sep 2021 at Bhubaneswar.
5. Was Organizing Secretary of the 8th National Conference on Pediatric Education at AIIMS, Bhubaneswar from 26 - 28 Nov 2021.
6. Participated in the 8th National Conference on Pediatric Education at AIIMS, Bhubaneswar from 26 - 28 Nov 2021 as speaker and chairperson too.
7. Organising team member and faculty of the 1st Pediatric Bronchoscopy hands-on workshop at AIIMS Bhubaneswar organized by the Department of Pediatrics on 19 Oct 2021.
8. Attended the 23rd National Conference of Pediatric Infectious Diseases to receive the Best Poster Award for our work on Pediatric Scrub Typhus at Bhubaneswar on 13th Nov 2021
9. I was involved in creating the content and for reviewing content created by others led by the National HRH Cell, Ministry of Health and Family Welfare towards developing training content for all healthcare workers for effective management of COVID-19 from 6 Dec 2021 onwards.

Dr Rashmi Ranjan Das

1. As an invited faculty delivered a talk and created Covid-19 awareness among the students, staff and faculties of Central University of Ranchi, Jharkhand on 13 Jan 2022.
2. As faculty in Basic Bronchoscopy Module – 2022; Online workshop by IAP National Respiratory Chapter on 16 Jan 2022.
3. As a faculty participated in the East Zone Asthma Training Module 2021 organized by IAP National Respiratory Chapter on 2 May 2021.
4. As a faculty participated in the Webinar on "Recurrent/persistent respiratory symptoms in children: a case-based discussion" organized by IAP on 8 May 2021.

5. As a faculty participated in the Webinar (Respinar) on "Radiology of pneumonia in children" organized by IAP National Respiratory Chapter on 3 Aug 2021.
6. As a resource person participated in the orientation programme for Nursing officers on COVID 19 management among children at AIIMS Bhubaneswar from 1 - 9 Sep 2021.
7. As a faculty participated in the Webinar on "How to manage a coughing infant" organized by IAP Ahmedabad on 8 Sep 2021.
8. As scientific committee member of VACCIODICON – 2021; 5th IAP Odisha State Vaccine Conference at Bhubaneswar on 27 Sep 2021.
9. As scientific committee member of East Zone NEOCON – 2021, 3rd Annual Conference at Bhubaneswar on 9 Oct 2021.
10. Organizing secretary of the "First Pediatric Bronchoscopy Hands-on Workshop" at AIIMS Bhubaneswar organized by Department of Pediatrics on 19 Oct 2021.
11. As faculty delivered a talk on "What is evidence based guideline", moderated "PG case presentation", and judged "free paper presentation" in the National Conference of IAP Respiratory Chapter (RESPICON), Jaipur on 23 - 24 Oct 2021.
12. As faculty judged "award paper presentation" in the National Conference of IAP Infectious Disease Chapter (NCPID), Bhubaneswar on 13 Nov 2021.
13. As faculty judged "award paper presentation" in the 8th National Conference on Pediatric Education (NCPE) at AIIMS Bhubaneswar from 26 - 28 Nov 2021.
14. As part of the organizing committee of NCPE (National Conference on Pediatric Education) at AIIMS Bhubaneswar from 26 - 28 Nov 2021.
15. As scientific committee member of Odisha PEDICON – 2021; 41st Annual Conference of the Indian Academy of Pediatrics, 12 - 13 Dec 2021, Bhubaneswar.
16. As faculty moderated panel discussion on "First episode of wheeze in children" in Odisha PEDICON, Bhubaneswar on 13 Dec 2021.

Dr Amit Kumar Satapathy

1. Appointed as Associate Editor of Research and Reviews in Pediatrics Journal, Official Journal of Odisha state IAP on 29 Mar 2022.
2. Faculty in CoE (Centre of Excellence) program for all COVID hospitals/Corporate Hospitals/ESI hospitals/nursing homes/dispensaries/clinics for the state of Odisha in Jun 2021.
3. Attended Annual Conference of IAPS Odisha Chapter and IPNA Teaching course on "Paediatric Nephro-Urology - Current Practice" which was held through a virtual platform and delivered a Talk on "Assessment of Renal Function on 27 Jun 2021.
4. Faculty in CoE (Centre of Excellence) program for all COVID hospitals/Corporate Hospitals/ESI hospitals/nursing homes/dispensaries/clinics for the state of West Bengal in Jul 2021.
5. Resource person for the Webinar "Re-orientation virtual Training for Active Management of Pediatric Novel Corona COVID-19 in the Odisha State" organized by the Health & Family Welfare, Department Government of Odisha in collaboration with Directorate of Nursing Odisha & AIIMS Hospital & College of Nursing Bhubaneswar, Odisha from 5 - 7 Jul 2021.
6. Faculty conference on nursing care of children with COVID-19 organized by AIIMS BBSR on 27 Jul 2021.
7. Participated as Faculty to train nursing staff of AIIMS Bhubaneswar as a part of COVID-19 third wave preparation from 1 - 9 Sep 2021.
8. Attended VACCIODICON 2021 and conducted the quiz for the post-graduate students held at Bhubaneswar on 26 Sep 2021.
9. Conducted 4th Workshop on Augmentation of Teaching skill for Senior Residents on 30 Sep 2021 & 1 Oct 2021.
10. Organising team member of the "First Pediatric Bronchoscopy hands-on workshop" at AIIMS Bhubaneswar organized by the Department of Pediatrics on 19 Oct 2021.
11. I was part of the Organizing team of the 8th National Conference on Pediatric Education (NCPE) at AIIMS Bhubaneswar from 26-28 Nov 2021.

12. Participated as chairperson in the 8th National Conference on Pediatric Education (NCPE) at AIIMS Bhubaneswar from 26 - 28 Nov 2021.
13. Part of Organizing team of NCPE (National Conference on Pediatric Education) at AIIMS Bhubaneswar on 26 - 28 Nov 2021.
14. Participated as Faculty in a workshop on Low fidelity simulation in Pediatrics in NCPE (National Conference on Pediatric Education) at AIIMS Bhubaneswar from 26 - 28 Nov 2021.

Dr Krishna Mohan Gulla

1. Invited as Faculty for Webinar on Ventilator Graphics organized by NBE as part of teaching for DNB students in Pediatrics on 21 Feb 2022.
2. Faculty in Basic Pediatric Cardiac Intensive Care (BPCIC) workshop in IAP annual national conference, PEDICON-2022, organized by Indian Academy of Pediatrics at India Expo Mart, Greater Noida, Uttar Pradesh on 19 Mar 2022.
3. Organizer of online VV-ECMO symposium for AIIMS Bhubaneswar Faculty, Residents from 25 - 29 May 2021.
4. Faculty in CoE (Centre of Excellence) program for all COVID hospitals/Corporate Hospitals/ESI hospitals/nursing homes/dispensaries/clinics for the state of Odisha in Jun 2021.
5. Faculty in CoE (Centre of Excellence) program for all COVID hospital/Corporate Hospitals/ESI hospitals/nursing homes/dispensaries/clinics for the state of West Bengal in Jul 2021.
6. Resource person for the Webinar "Re-orientation virtual Training for Active Management of Pediatric Novel Corona COVID-19 in the Odisha State" organized by the Health & Family Welfare, Department Government of Odisha in collaboration with Directorate of Nursing Odisha & AIIMS Hospital & College of Nursing Bhubaneswar, Odisha from 5 - 7 Jul 2021.
7. Faculty conference on nursing care of children with COVID-19 organized by AIIMS BBSR on 27 Jul 2021.
8. As an external expert in one-month certificate course of Pediatric Intensive Care, NEIGRIHMS in Jul 2021.
9. Participated in the Faculty Development Programme on Research Methodology and Basic Biostatistics on 17 - 18 Jul 2021.
10. Participated as Faculty to train nursing staff of AIIMS Bhubaneswar as a part of COVID-19 third wave preparation in Aug 2021.
11. Organizing secretary for "First Pediatric Bronchoscopy Workshop" at AIIMS Bhubaneswar on 19 Oct 2021.
12. Participated as Faculty in workshop on Point of Care Ultrasound in Pediatrics in NCPE (National Conference on Pediatric Education) at AIIMS Bhubaneswar from 26 - 28 Nov 2021.
13. Part of the Organizing team of NCPE (National Conference on Pediatric Education) at AIIMS Bhubaneswar on 26 - 28 Nov 2021.
14. Participated as Chairperson in NCPE (National Conference on Pediatric Education) 26 - 28 Nov 2021 at AIIMS Bhubaneswar.
15. Invited as Faculty for Workshop on Pediatric Emergencies in Odisha PEDICON 2021 at SCB Medical College, Cuttack on 10 Dec 2021.
16. Invited as Chairperson to moderate session on Congestive Heart Failure in Odisha PEDICON-2021 on 11 - 12 Dec 2021.
17. Delivered a lecture on Invasive Fungal Infections in Pediatric ICU for Pediatric Intensivists organized under the aegis of IAP - Intensive Care Chapter on dIAP platform on 16 Dec 2021.
18. Invited as Panelist for Webinar on Severe Dengue in Pediatric ICU organized by NBE on 20 Dec 2021 as part of teaching for DNB students in Pediatrics.

PATIENT CARE / HOSPITAL SERVICES

1. Outpatient services

General OPD: 14,229

Specialty clinics: Epilepsy clinic and Child guidance clinic are running in collaboration with Psychiatry Department; Nephrology and DSD clinic in collaboration with Pediatric surgery Department. Pediatric chest clinic, and adolescent clinic are running independently

2. Inpatient services

Total admissions to ward: 2034

Total admissions to PICU: 324

AWARDS, HONOURS AND SIGNIFICANT EVENTS

Dr Samarendra Mahapatro

1. Nominated as a technical expert from Department of Pediatrics to attend pre-bid meeting conducted by HLL Infra Tech Services Ltd for the upcoming AIIMS under PMSSY-IV & PMSSY-V.

Dr Bhagirathi Dwibedi

1. Ethics committee member of SCB medical college, SOA university, and VIMSAR, Burla.
2. Trainer of pediatric basic life support (BLS) course.

Dr Joseph John

1. Our PG thesis with me as thesis guide received the Second Prize amongst all research presentations amongst all postgraduates show-cased on the 9th Annual day and 1st Institute Research Day of AIIMS Bhubaneswar on 21 Sep 2021.

Dr Rashmi Ranjan Das

1. Selected to the post of "Managing Editor" of the "Journal of Pediatric Pulmonology", official journal of Indian Academy of Pediatrics National Respiratory Chapter (IAP-NRC) on 1 Jan 2022.
2. As an expert member of the "Evidence Based Guideline Development Group" formed by Indian Academy of Pediatrics National Respiratory Chapter (IAP-NRC) to form various guidelines related to pediatric respiratory diseases on 26 Aug 2021.
3. Member of Expert Committee on "Oxygen therapy for management of Covid 19 patients at home" by MOHFW, Govt of India (Committee constituted by DGHS), Sep 2021.
4. Received "first prize" in the research presentations show-cased on the 9th Annual day and 1st Research day of AIIMS Bhubaneswar on 21 Sep 2021.
5. As a resource person in the development of a digital PG Module by Jaypee Brothers, for training of postgraduates in Pediatrics on the topic "Pleural effusion in children" on 5 Nov 2021.
6. As an expert committee member in the development of STG (Standard Treatment Guidelines) by IAP on childhood pneumonia on 12 Nov 2021.
7. "Purbanchal Pioneer Award" by East Zone Academy of Pediatrics awarded in 27th East Zone PEDICON 2021 at Jamshedpur on 4 Dec 2021.
8. pHERMES: Diploma in Pediatric Respiratory Medicine awarded by European Respiratory Society (ERS) on 7 Dec 2021.
9. Participated in a debate on "Opening of school during Covid-19 pandemic" among others on Zee Odisha New Channel on 29 Dec 2021.
10. Became member of the clinical trial team, ICMR Advanced Centre for Clinical Trials (ACTT) – AIIMS Bhubaneswar on 29 Dec 2021.

Dr Amit Kumar Satapathy

1. Attended Technical Committee meeting on need of administration of IVIg for children with PIDs in the Odisha State and its possible modalities of operation on 10 May 2021.
2. Core team member Guidelines on Operationalization of COVID Care Services for Children & Adolescents by MoHFW, GOI released on 16 Jun 2021.

Dr Krishna Mohan Gulla

1. As an Expert for Comprehensive Guidelines for Management of COVID-19 in CHILDREN (below 18 years) (Revised edition) by DGHS, MoHFW, GOI released in Jan 2022.

- Contributed for STG 2022 (Standard Treatment Guidelines) on Pediatric Emphysema under Indian Academy of Pediatrics action plan 2022 on 15 Mar 2022.
- As an Expert for STW (Standard Treatment Workflows) on Pediatric Lymph node Tuberculosis published by ICMR and Department of Health Research, MoHFW, GOI on 24 Mar 2022.
- Core team member of Guideline group on Operationalization of COVID Care Services for Children & Adolescents by MoHFW, GOI released on 16 Jun 2021.
- National Convener of Procedure of the Month (PROMO): An online platform to train pediatric intensivists on common procedures that are being done in Pediatric ICU under IAP Intensive Care Chapter 2021 action plan.



Flexible bronchoscopy service, first of its kind in the state of Odisha was installed and inaugurated in Jul 2021.



Eighth National Conference on Pediatric Education (NCPE) was organized by the Department of Pediatrics at AIIMS, Bhubaneswar from 26 to 28 Nov 2021



The department conducted hands-on flexible bronchoscopy training for pediatricians from the state as well as outside of the state on 19 Oct 2021.



The department created history by doing whole lung lavage in a child with rare genetic lung disease on 21 Sep 2021, and the child is the youngest in the country to undergo such a procedure.



Dr Rashmi Ranjan Das was awarded European Diploma in Paediatric Respiratory Medicine by the European Respiratory Society on 4 Sep 2021.



Neonatal resuscitation protocol (NRP) training was conducted in the state of Odisha on 13 Mar 2022 and Dr Samarendra Mahapoatro was the trainer.

PEDIATRIC SURGERY

FACULTY

Professor	Dr Kanishka Das
Additional Professor	Dr Manoj Kumar Mohanty Dr Bikasha Bihari Tripathy
Associate Professor	Dr Akash Bihari Pati Dr Subrat Kumar Sahoo Dr Santosh Kumar Mahalik

HIGHLIGHTS

The Department was actively involved in framing nursing and patient care protocols for core paediatric surgical entities and index procedures along with the faculty from College of Nursing and the nursing officers in the wards. The Department was awarded a BIRAC -BIG project (Dr Akash Bihari Pati as PI) entitled "A novel device for detecting the proximal extent of pathology (levelling) in Hirschsprung disease." Dr Santosh Kumar Mahalik's ICMR extramural Adhoc project "Incidence of neural tube defect and its detection on antenatal ultrasonography in an eastern Indian state- A population based cross sectional study" also got approval and received budget allocation. Two faculty members were elected as Executive Committee members of the National Association of Pediatric Surgeons (Dr Subrat Kumar Sahoo- PESI, Dr Bikasha Bihari Tripathy- APSO). The first outgoing MCh student of the Department, Dr Narahari Janjala was appointed as a regular faculty in Pediatric Surgery at AIIMS, Mangalagiri.

EDUCATION

The Department was involved in undergraduate (MBBS, BSc Nursing, BSc OTAT), postgraduate (MSc Nursing) and post-doctoral (MCh, Paed Surg) training. Four academic senior residents pursued the MCh Paediatric Surgery during 2019-20, two students have completed the course successfully.

CONFERENCES/CMES/WORKSHOPS ATTENDED & LECTURES DELIVERED/ PAPERS PRESENTED

Dr Kanishka Das

1. Attended and delivered a video lecture on 'Approach to abdominal distension in the newborn' for the National Neonatology Forum lecture repository in Apr 2021.
2. Attended the 17th Annual Pediatric Surgical CME (online) conducted by B J Wadia Hospital for Children, Mumbai from 17th to 20th Jun 2021 as faculty and conducted teaching sessions on 'Hirschsprung disease' and 'Disorders of Sex Differentiation'.

PATIENT CARE / HOSPITAL SERVICES

COVID-19 related restrictions limited patient care activities to emergency, semi-emergency and treatment of malignancy for most part of the year. Total 3928 patients (Average 327 per month) were benefitted through OPD consultation. Most attendances were online (Tele-medicine, AIIMS Bhubaneswar Swasthya App.). 503 patients were admitted in Pediatric Surgery ward for management of their diseases. A total of 428 surgical procedures were performed (263 major, 165 minor). 29 neonates were operated out of which 23 were operated in emergency/ semi-emergency. Out of total 97 minimal access procedures, 58 were major surgeries.

Amongst the specialty clinics, the multidisciplinary, institutional "Paediatric Solid Tumour Board" continued its deliberations. The multidisciplinary "Hydrocephalus Spina Bifida Clinic" registered 19 new cases in the year. The "Paediatric Nephrourology Clinic" registered 40 new cases in the year to make a total of 151 till date.

Apart from providing services for the entire range of pediatric surgical conditions, the Department was able to provide several newer and advanced treatments for pediatric surgical conditions including single stage transanal endorectal pull through for hirschsprung disease, esophageal replacement, laparoscopic reconstructive surgery, laminectomy and repair of occult spinal dysraphism, single stage repair of exstrophy bladder, repair of cloacal exstrophy, genitoplasty for disorders of sex differentiation and major pancreatico-enteric surgery.

AWARDS, HONOURS & SIGNIFICANT EVENTS

Dr Kanishka Das

1. Has been appointed 'Member of Specialist Board in Paediatric Surgery' of the National Board of Examinations (NBE) in Medical Sciences, New Delhi on 18th Jun 2021.

PHARMACOLOGY

FACULTY

Professor & HOD	Dr Debasish Hota
Professor	Dr Rituparna Maiti
Additional Professor	Dr Biswa Mohan Padhy
Associate Professor	Dr Monalisa Jena
	Dr Bikash Ranjan Meher
	Dr Anand Srinivasan

HIGHLIGHTS

The Department of Pharmacology became officially functional from 20th Apr 2013. The Department is currently engaged in super speciality (DM in clinical pharmacology), postgraduate (MD), undergraduate (MBBS), B.Sc. (Nursing), B.Sc. (OTAT) teaching, and clinical research. All faculty members were actively involved in teaching theory, practical, and tutorial classes for students. The department had adopted the modern teaching-learning methodology that includes computer assisted learning to replace animal experiments for undergraduate practical. Emphasis was given to applied and clinical pharmacology, which has direct bearing on patient care. Students were sensitized and encouraged to get involved in research activities. Apart from teaching faculty and students are also involved in various research activities. Currently six MD thesis, one DM thesis, and six other research projects are going on. Department is functioning as an adverse drug monitoring centre (AMC) under Pharmacovigilance Program of India (PvPI) and medical device adverse event monitoring centre under the Materiovigilance Program of India (MVPI). The department has also started Therapeutic Drug Monitoring facilities for selected drugs. The Pharmacogenetic research unit will be commenced soon.

EDUCATION

At present department is involved in super speciality (DM in clinical pharmacology) postgraduate (MD), undergraduate (MBBS) B.Sc. (Nursing) and, B.Sc. (OTAT) teaching only. Students are evaluated for their progress periodically in an objective manner using multiple choice questions, short answers covering entire topics including practical exercises. Department regularly conduct journal club and seminar for MD and DM students.

CONFERENCES/CME/WORKSHOP ATTENDED & LECTURE DELIVERED/ PAPER PRESENTED

Dr Rituparna Maiti

1. Attended 'Cloud-based Hands-on workshop: Computational Structure-based screening and explicit molecular dynamics' conducted by Schrodinger, Inc. from 23-24 Nov 2021.
2. Participated in the virtual symposium titled 'Utilization of Generic Medicines in India: Where do we stand?' conducted by Department of Pharmacology, AIIMS, Bibinagar on 31 Mar .2022.

Dr Monalisa Jena

1. Participated in online workshop on designing and conducting clinical trials on 3-7 May 2021 conducted by Public Health Foundation of India, Gurugram – India
2. Participated in virtual national workshop on 'Medical Negligence – Bridging the Gap between Knowing and doing' on 10 Jul 2021 organized by Department of Forensic Medicine and Toxicology, SCB Medical College and Hospital, Odisha
3. Participated in "Computational Structure Based Screening and Explicit Molecular Dynamics" cloud based hands-on workshop from 23-24 Nov 2021 organized by Schrödinger

Dr Bikash Ranjan Meher

1. Participated as an expert person in State Level CME on Pharmacovigilance on 13 May 2021 conducted by AMC, MKCG Berhampur in collaboration with IPC, PvPI, Ghaziabad.
2. Participated in Induction-cum-Training Programme to educate/aware Coordinators/Deputy Coordinators/ Materiovigilance Associates of newly recognized Medical Device Adverse Event Monitoring Centre (Virtual) on 29 Jul 2021 conducted by IPC, Ghaziabad.
3. Participated in Webinar on world patient safety day on 29 Jul 2021 conducted by IPC, Ghaziabad.

4. Participated as an expert in Online faculty development program on recent advances in biosimilar development on 13 Dec 2021 conducted by NIPER, Kolkata.
5. Participated in Webinar on Orientation session on Sentinel Surveillance for Adverse Events of Special Interest (AESI) study (Virtual) on 31 Jan 2022 conducted by Ghaziabad Department of Medicine, Lady Harding Medical College, New Delhi.



Celebrating National Pharmacovigilance week



Residents creating awareness about pharmacovigilance and Materiovigilance among patients in OPD foyer

PHYSICAL MEDICINE & REHABILITATION (PMR)

FACULTY

Additional Professor & HOD in-charge	Dr Jagannatha Sahoo
Additional Professor	Dr Apurba Barman

HIGHLIGHTS

The Department of Physical Medicine & Rehabilitation has established itself as a center for comprehensive rehabilitation, catering to patients from all parts of Odisha and the neighboring states. The Department has provided quality outpatient and inpatient care for locomotor disability with all the available resources during the last year. The Department has already earned a place in the 'point-of-care center among the select few in India for rehabilitation surgery and neuro-rehabilitation.

A total of 20,486 patients with various disabilities were seen in PMR OPD, and the Department admitted 237 patients with deformity correction surgery and rehabilitation of patients with neurologic disorders and musculoskeletal and locomotor disorders. A total of 205 major rehabilitation surgeries and 512 other interventions were done for patients with disabilities. The Department has a fully-fledged Physiotherapy Section, advanced robotic gait training center, occupational therapy, and Prosthetic & Orthotics section that provides all kinds of holistic therapy daily. The Department has been striving hard for the last nine years to be a center of excellence, strengthened by the steady rise in OPD and indoor attendance.

EDUCATION

The Department is actively involved in providing quality undergraduate and postgraduate teaching. Apart from regular undergraduate teaching, seminars are held twice weekly in the form of journal club, case presentations, and topic seminars for the postgraduate trainee and senior residents.

CONFERENCES/CME/WORKSHOP ATTENDED & LECTURE DELIVERED/ PAPER PRESENTED

Dr Jagannatha Sahoo

1. Attended a certified course on "Basic training program for advanced rehabilitation" at AIIMS, Bhubaneswar from 15 to 22 Oct 2021.
2. Delivered a lecture on "ACL tunnel Preparation" on 10 Oct 2021 at Odisha Arthroscopic Society Webinar.
3. Delivered a lecture on "Saw Bone Workshop" in CME, conducted by Orthopedics Department, AIIMS Bhubaneswar on 25 Sep 2021.
4. Presented a poster on "Injection Botulinum Toxin-A in treatment of Resistant Chronic Low Back Pain: A prospective open level study" on 21 Sep 2021 in "9th annual day and 1st research day" at AIIMS, Bhubaneswar.
5. As an organizing secretary, organized the Annual Conference of "Association of Physical Medicine & Rehabilitation of Odisha (APMRO)" on 22 Aug 2021.

Dr Apurba Barman

1. Attended a certified course on "Basic training program for advanced rehabilitation" at AIIMS, Bhubaneswar, from 15 to 22 Oct 2021.
2. Attended as a delegate at the Annual Conference of "Association of Physical Medicine & Rehabilitation of Odisha (APMRO)" on 22 Aug 2021.

PATIENT CARE / HOSPITAL SERVICES

Physical Medicine & Rehabilitation OPD

1. Total PMR OPD patients: 20,486
2. Telemedicine OPD: 561
3. Total OPD Procedures: 992
4. Total number of patients attending Physiotherapy Section: 15,468
5. Total number of patients attending Occupation Therapy Section: 1294

6. Total number of patients attending Prosthesis & Orthosis Section: 226
7. Total number of patients received Robotic Gait training: 24
8. Botulinum toxin Injection: 35
9. Serial Casting: 244
10. Pain intervention (Nerve block, Intra-articular injection etc.): 116

Physical Medicine & Rehabilitation IPD

1. Admission in PMR Ward: 237

Rehabilitation Surgeries in Physical Medicine & Rehabilitation

1. Major Surgeries: 205
2. Pain Intervention under Fluoroscope: 93

PHYSIOLOGY

FACULTY

Professor & HOD	Dr Pranati Nanda
Additional Professor	Dr Manisha Kar
	Dr Amit Ghosh
	Dr Manish Goyal
	Dr Priyadarshini Mishra
Associate Professor	Dr B. N. Rao
	Dr Kalpana Barhwal
	Dr Nibedita Priyadarsini
Assistant Professor	Dr Mangani Mangalavalli.S

HIGHLIGHTS

Physiology is the study of the biological processes supporting life. The Department of Physiology provides a platform for research in basic science to understand the interaction of physiological systems at molecular, cellular, organ systems and organism level. We are committed to undertaking basic science to new heights by providing a thorough understanding of normal body function, thus enabling students to appreciate various disease states. Working along with the Medical Education Unit, AIIMS Bhubaneswar, the faculty members of our Department are actively involved in medical curriculum development and improving medical education. The Department also provides EEG diagnostic services, screening for genetic disorders, and intraoperative neurophysiological monitoring services to the clinical departments with a future plan of extending the diagnostic facilities.

EDUCATION

The Department imparts post-graduate teaching-learning process through seminars, group discussions, practical, and discussion of research articles in Journal Club. The Department envisages preparing post-graduate students as highly competent Medical Teachers and Researchers. Thus, the Department of Physiology contributes to the bigger goal of generating highly competent human resources in Medical Education and Research. Currently the department has seven MD students. The UG curriculum, examination pattern, marking scheme, and absentee rules are newly introduced by AIIMS, Bhubaneswar. The Department imparts integrated teaching classes in collaboration with other basic science Departments and clinical disciplines intending to understand abnormal disease states and develop clinical acumen. All the faculty members are involved in undergraduate teaching of MBBS, B. Sc. Nursing (Hons) and Paramedical lectures, tutorials, practical classes, and conducting internal examinations.

CONFERENCES/CME/ WORKSHOP ATTENDED & LECTURE DELIVERED/ PAPER PRESENTED

Dr Pranati Nanda

1. Participated in the webinar as a speaker in the International Yoga Day on "Yoga in Post Covid Era" on 21 Jun 2021 conducted by Dhanalakshmi Srinivasan Medical College & Hospital, Chennai.
2. Participated in the 6th BMJ- conclave 2021 on "A true partnership between clinicians, librarians and BMJ to create a healthier world on 28 Oct 2021.

Dr Manisha Kar

1. Participated "Data management and analysis in MS Excel, Module-I" from 18 Sep - 17 Oct 2021 organized by Odisha Social Science and Research Consultancy.
2. Participated in "IUPS workshop on designing assessment to evaluate critical thinking skills in Physiology" organized by AIIMS, Guwahati on 29-30 Sep 2021.
3. Participated in workshop on "Sample size calculation in Biomedical Research" as a part of Faculty Development Program organized by Research Section, AIIMS, Bhubaneswar on 25 Sep 2021.
4. Participated in "Online Faculty Development Program on Critical thinking" conducted by JIPMER, Puducherry and Medical Education Unit, AIIMS Bhubaneswar from 12-14 Aug 2021.

5. Participated in "Qualitative Research techniques" from 12 Jun - 01 Aug 2021 organized by Odisha Social Science and Research Consultancy.
6. Participated in "Brain imaging and mapping protocols in humans" on 3,10,17,24 and 31 Jul 2021 as organized by Indian Academy of Neurosciences, Delhi-NCR chapter.

Dr Priyadarshini Mishra

1. Invited speaker in National CME Programme on Intraoperative Neuromonitoring held on 27 Nov 2021.
2. Participated in FAIMER Global Forum and 20th Anniversary Celebration held on 20-22 Oct 2021
3. Participated in online CME and workshop on "Recent trends in assessing lifestyle stress and the road to recovery" conducted by Department of Physiology, Maulana Azad Medical College, New Delhi on 14 Sep 2021.
4. Participated in Brain imaging and mapping protocols in humans" on 3,10,17,24 and 31 Jul 2021 as organized by Indian Academy of Neurosciences, Delhi-NCR chapter.

Dr Manish Goyal

1. Participated online in Annual Symposia "Rhythm-21" on 28 Dec 2021 held at K.G. Medical University, Lucknow and delivered an invited lecture online on "Circadian Rhythm of cognitive Functions".

Dr B N Rao

1. Attended as an online Subject Expert in Physiology at National Level Seminar Competition (Cerebration The 3rd Colloquium 2021) held at AIIMS-Mangalagiri, Andhra Pradesh from 24-25 Sep 2021.
2. Attended an online CME entitled "Recent trends in assessing lifestyle stress and the road to recovery", held at Department of Physiology, Maulana Azad Medical College, New Delhi on 14 Sep 2021.
3. Attended an online workshop entitled "Tools and techniques to assess lifestyle stress", held at Department of Physiology, Maulana Azad Medical College, New Delhi on 14 Sep 2021.

Dr Kalpana Barhwal

1. Delivered an invited talk during the symposium entitled 'Stress, anxiety and depression: Cause or consequence' organized by ESI hospital Faridabad, 67th Annual national conference of Association of Physiologists and Pharmacologists of India (APPICON) 2021-2022 from 14-16 Apr 2022

Dr Mangani Mangalavalli.S

1. Participated in TEDx AIIMS Bhubaneswar, held on 19 Feb 2022
2. Attended the CME and Workshop on Ethos of Behavioural Physiology- continuum in translational research held on 29 Jan 2022, by AIIMS Bibinagar
3. Attended two days workshop on Animal cell culture – Isolation and culture of Peripheral blood mononuclear cells (PBMC), organized by the Department of Biochemistry, 28-29 Apr 2021 AIIMS Bhubaneswar.
4. Attended the webinar on "S-5 Formula for Leadership Development"- organized by University Centre for Health Professions Education, Sri Devaraj Urs Academy of Higher Education and Research on 22 Jan 2022.

PATIENT CARE / HOSPITAL SERVICES

1. Dr Amit Ghosh has provided Medical Genetics Service: Thalassemia, G6PD, Congenital Deafness, Congenital Cataract
2. Dr Priyadarshini Mishra has provided Intraoperative Neurophysiological Monitoring services to Neurosurgery Department.

PSYCHIATRY

FACULTY

Additional Professor & HOD	Dr Biswa Ranjan Mishra	Assistant Professor	Dr Shree Mishra
Additional Professor	Dr Susanta Kumar Padhy		Dr Debadatta Mahapatra
	Dr Suravi Patra		Dr Arpit Parmar

HIGHLIGHTS

Clinical work

The department provides in-patient and out-patient clinical care to patients with a diverse range of psychiatric disorders, including treatment resistance. The department is also involved in community outreach through community clinic and community-based treatment camps.

The department faculty members are involved in capacity-building work through various national governmental/non-governmental agencies and universities.

The department conducts regular seminars/symposium and training workshops for institute students, staffs, and other professionals.

Research

The department faculty members have been involved in various funded/non-funded research projects and have published many research papers in reputed indexed international and national psychiatry journals. In its effort to promote evidence-based medicine, the department faculty members are involved in various Randomized controlled trials studying the effects of different psychiatric medications.

EDUCATION

The department has successfully trained MD candidates with regular academic, clinical and research exposure. Two final year MD exam have been successfully conducted for the outgoing candidates. the trainees have participated in many national and international academic events

CONFERENCES/CME/WORKSHOP ATTENDED & LECTURE DELIVERED/PAPER PRESENTED

Dr Biswa Ranjan Mishra:

1. External examiner for setting of questions for MD Psychiatry Final examination in May 2022, for department of Psychiatry, AIIMS, Patna.
2. External examiner for M.Phil (Cl Psy) I and M.Phil (Cl Psy) I Special Annual Examination on Apr 2022 at Central Institute of Psychiatry, Ranchi. Jharkhand.
3. External examiner for the interview of SR (under residency scheme) in Psychiatry, at AIIMS, Patna on 30 Mar 2022.
4. Participated as a delegate at 73rd ANCIPS, 2022, Vizag held from 24-26 Mar 2022.
Presented a symposium on "Nomophobia" with a session on the "Management strategies in Nomophobia" on 26 Mar 2022.
5. Organized a guest lecture on "Opioid substitution therapy practices" in collaboration with OSACS, on 10 Mar 2022 in the department of Psychiatry, AIIMS, Bhubaneswar, with talks delivered by Dr V. L. Narashima, (Assistant Professor, AIIMS, Deoghar), Mung Ngaihte, Vijay Singh (NACO Officials).
6. Participated in a national webinar cum workshop on "Therapy in everyday practice", organized by department of Psychiatry, KIMS, Bhubaneswar on 29 Jan 2022 and chaired a session on "Interview skills in ethical clinical practice for Medical Professionals".
7. Organized a guest lecture on "Parkinson's Disease-Psychosis" and "Drug induced movement disorders" delivered by guest speaker Dr Abhisek Lenka, on 5 Jan 2022 at AIIMS, Bhubaneswar
8. Guest lecture on "Barriers in Psychiatry training in Postgraduate Psychiatry training", in the "Sunday special 60 minutes with Psychiatry teachers"-A pan India platform to share experiences, conducted by the IPS Faculty training task force,

on 19 Dec 2021 Participated as a delegate in the 31st Annual Conference of IPS, Odisha state branch at Paradip on 19 Dec 2021.

9. Guest Lecture on "Epidemiology of Elderly depression", in the National Conference of Indian Geriatric Society (IAGMH), on 27 Nov 2021.
10. Participated in the CME of IPS, Odisha state branch on 31 Oct 2021 on the theme, Understanding pain- A neuropsychiatric approach.
11. Participated in the National CME on the theme "Mental health in an unequal world" organized on World Mental Health Day on 10 Oct 2021, by the IPS, Odisha state branch.
12. Resource person for conducting the workshop on "Hands-on training in RTMS" on 10 Oct 2021 on the World Mental Health Day.
13. Organizing co-chair for webinar on "Role of nutrition in physical and mental health of women: Policy to plate." (Hybrid mode) on 25 Sep 2021 at AIIMS, Bhubaneswar. And chaired an academic session on "Local food stuffs and Gut health".
14. Chaired a session on "The changing landscape in Psychotherapy- by Prof. Uday Chaudhuri", in the CME for PG trainees of Indian Psychiatric Society, Eastern Zonal branch on webinar platform on 18th and 19 Sep 2021.
15. Participated in the International Conference on Schizophrenia (IConS)- IX of SCARF, 2021, organized (virtual) on 24 and 31 Jul 2021.

Received the first Best Poster, titled "Comparison of maintenance ECT versus Clozapine on psychopathology and regional cerebral blood flow in treatment-resistant schizophrenia (TRS): A randomized controlled trial", in the Poster Competition, organized by Ninth International Conference on Schizophrenia (IConS) of SCARF on 31 Jul 2021, Chennai, India.

16. Participated in workshop on "How to read/interpret systematic review and meta-analysis?" organized by Indian Psychiatric Society, Research, Education and Foundation Sub-committee through virtual platform on 23 Jul 2021 Participated as an expert in the programme "Doctor's speak" on the theme "COVID-19 'O' Manasika Santulana" on 2 Jul 2021 organized by DD Odia.
17. Appointed as Examiner to evaluate the thesis of MD exit examination in Psychiatry, Jul 2021. Appointed as Examiner (May 2021) to evaluate the thesis of MD Psychiatry of Jul 2021 Examination, AIIMS, Raipur.

Dr Susanta Kumar Padhy:

1. Reviewer for national and international pub med indexed scientific journals like PLOS1, Asian Journal of Psychiatry, Community mental health journal, Australian & New Zealand Journal of Psychiatry, Journal of Developmental Disabilities, Indian Journal of Psychiatry, Indian Journal of Psychological Medicine, Industrial Psychiatry Journal and others.
2. Reviewer for national and international PubMed indexed scientific journals Journal of Psychosomatic obstetrics and Gynecology, BMJ Public Health, Asian Journal of Psychiatry, Community mental health journal, Indian Journal of psychiatry, Indian Journal of Psychological medicine.
3. Invited research-participant for World health organization (WHO)-ICD-11 field trial on eating disorder
4. Participated in foundation day CME on 15 Sep 2022 on ICD-11 Mental, Behavioural or Neurodevelopmental Disorders: How does it impact your psychiatric training and practice? Organized by Department of Psychiatry, PGIMER, Chandigarh.
5. Invited resource person for a virtual training for participants of SAARC countries on GMHAT Leadership Training Program on Screening and Management of Mental Disorders, in Dec 2021, organized by SDG School of Public Health, IIHMR University, Jaipur, University of Manchester, UK, and Centre for Autism, Neurodevelopmental Disorders and Intellectual Disabilities (CANDDID, Cheshire and Wirral Partnership (CWP), NHS Foundation Trust, UK).
6. Invited talk for 16th Batch of Induction Training Program – Medical Officers, Govt. of Odisha held on 10 Dec 2021 organized by department of CM&FM, AIIMS, Bhubaneswar.
7. Organizing Chair for a funded webinar for public titled " Role of Nutrition in Physical and Mental Health: Policy to Plate" under POSHAN Maah celebration on 25 Sep 2021.
8. Participated in the Professor N.N. Wig Oration (Institute Oration) to be delivered by Prof. S. Malhotra on 16 Sep 2021 organized by department of Psychiatry, PGIMER, Chandigarh
9. Member, National Advisory Committee, World Association for Social Psychiatry (WASP) Asia Pacific Hybrid Congress Organized by AIIMS, New Delhi from 16 to 18 Sep 2021.

10. Co-Presented an oral paper titled Delusion of pregnancy in a case of gynecological malignancy with traumatic childbirth: a psychodynamic conceptualization at the World Association of Social psychiatry Asia Pacific hybrid Conference, Delhi, organized by AIIMS, Delhi from 16 to 18 Sep 2021..Chaired a symposium titled "Community and Preventive Psychiatric Services (CAPS): An initiative to combat impact of COVID-19 on mental health" in the World Association for Social Psychiatry (WASP) Asia Pacific Hybrid Congress Organized by AIIMS, New Delhi.
11. Presented a symposium titled "Biopsychosocial Underpinnings of Gender discrepancies in Organ Donation: East versus West" in the World Association for Social Psychiatry (WASP) Asia Pacific Hybrid Congress Organized by AIIMS, New Delhi from 16 to 18 Sep 2021.
12. Co-Presented an oral paper titled Sex in mind; a confluence of behavioral addiction, organic brain changes and the curiosity at the World Association of Social Psychiatry Asia Pacific Hybrid Conference, Delhi, organized by AIIMS, Delhi from 16 to 18 Sep 2021.
13. Member, Organizing Committee, international Conference (virtual) on Healthy Ageing 2021 in association with Institute of Insight, United Kingdom (UK) on 14 Aug 2021.
14. Invited research-participant for World health organization (WHO)-ICD-11 field trial on somatoform disorder.
15. Invited research-participant for World Health Organization (WHO)-ICD-11 field trial on Body Dysmorphic Disorder (BDD).
16. Presented a symposium titled No more in silo? Health care institutions and Psychiatry in pandemic era in the World Association for Social Psychiatry (WASP) Asia Pacific hybrid Congress Organized by AIIMS, New Delhi.
17. Co-presented a paper titled "Telepsychiatry becoming a pathway to reduce stigma and to uncover the sensitive mental health issues" in the World Association for Social Psychiatry (WASP) Asia Pacific Hybrid Congress Organized by AIIMS, New Delhi.
18. Chaired a symposium titled No more in silo? Health care institutions and Psychiatry in pandemic era in the World Association for Social Psychiatry (WASP) Asia Pacific Hybrid Congress Organized by AIIMS, New Delhi.
19. Chaired a symposium titled "Biopsychosocial Underpinnings of Gender discrepancies in Organ Donation: East versus West" in the World Association for Social Psychiatry (WASP) Asia Pacific hybrid Congress Organized by AIIMS, New Delhi.
20. Invited expert for planning a program on designing a roadmap for development of perinatal mental health services in the state of Odisha by Public health Foundation of India (PHFI), New Delhi.
21. Invited talk titled "Deaddiction: A way forward" in an online CME organized by AIIMS, Mangalagiri titled "Drug abuse: An insight to a never-ending challenge "on 26 Jun 2021.
22. Co-presented a poster in 2021 NIDA International Forum (Virtual) held from 22 to 24 Jun 2021.

Dr Suravi Patra:

1. Delivered a lecture on 'Climate change and mental health' to District Nodal Officers on 24 Feb 2022 by Directorate of Public Health Odisha Was Selected for ICD-11 Diagnostic Guidelines for Mental, Behavioral and Neurodevelopmental Disorders:
2. Presented a poster (Online): 'COVID-19 and adolescent suicide and suicidal behaviors: A systematic review' during the Faculty of Child and Adolescent Psychiatry Annual Conference, Royal College of Psychiatrists, 23 & 24 Sep 2021.
3. Mr. Shaurya Pharasi, an intern (under guidance of Dr Suravi Patra) presented poster titled: 'Prevalence of burnout and its association with resilience in medical students of AIIMS Bhubaneswar.' This poster was based on his ICMR sponsored Short Term Student research in ninth Annual Day cum 1st Research Day on 21 Sep 2021 at AIIMS Bhubaneswar.
4. Attended World Association of Social Psychiatry, Asia Pacific Hybrid Congress, AIIMS New Delhi 2021 online on 17 and 18 Sep 2021.
5. Symposium titled (Online): 'Adoption: Need for specialized training' on 18 Sep 2021 during the World Association Social Psychiatry 2021, Asia Pacific Hybrid Congress.
6. Symposium titled (Online): 'COVID-19 pandemic: Challenges in Child Psychiatry Evaluations' on 17 Sep 2021 during the World Association Social Psychiatry 2021, Asia Pacific Hybrid Congress.
7. Delivered a lecture on: 'Firsthand management of suicide attempt.' On World Suicide Prevention Day on 11 Sep 2021 at AIIMS Bhubaneswar.

8. An online Comprehensive Course for Psychiatrists. 9-30 Apr 2021.

Dr Shree Mishra:

1. Attended guest lecture on "Opioid substitution therapy practices" in collaboration with OSACS, in the department of Psychiatry, AIIMS, Bhubaneswar, with talks delivered by Dr V. L. Narashima, (Assistant Professor, AIIMS, Deoghar on 10 Mar 2022
2. Resource person for a session on stress Management & Healthy Lifestyle organised by College of Nursing, AIIMS Bhubaneswar on 4 Mar 2022
3. Attended and presented a topic on "Behavioural Addiction and Substance Use Disorder" organized by the Nursing Division, Govt. of India which will be held on 28-29 Jan 2022.
4. Co presented an E-Poster on "Training and learning to reduce the mental health gap in pandemic era" at the National CME for Psychiatry Education and Faculty Training on 15 Jan 2022
5. Attended and organized guest lecture on "Parkinson's Disease-Psychosis" and "Drug induced movement disorders" delivered by guest speaker Dr Abhisek Lenka, at AIIMS, Bhubaneswar on 5 Jan 2022.
6. Chaired a session in CME for Psychiatry Education and Faculty training – Jan 2022.
7. Co presented and won the best poster award for "A walk on thorns: Motivation and resilience in addiction management." At the 31st Annual Conference 2021 Indian Psychiatric Society Odisha state branch on 19 Dec 2021.
8. Co presented Poster on, "Pseudo-pseudo bulbar affect: an atypical dissociative presentation "at the 31st Annual Conference 2021 Indian Psychiatric Society Odisha state branch on 19 Dec 2021.
9. Resource person for workshop on " Unit Management" organized by college of Nursing, AIIMS Bhubaneswar from 6 to 12 Dec 2021.
10. Attended and completed Perinatal Mental Health Certificate Course in Perinatal Mental Health conducted by VKN NIMHANS Bangalore from Oct to Dec 2021.
11. Attended virtual conference ADDICON 2021 organized by Addiction Psychiatry Society of India (APSI) & National Drug Dependence Treatment Centre (NDDTC) and Department of Psychiatry, AIIMS, New Delhi 10 and 11 Dec 2021.
12. Delivered guest lecture for the topic "psychopharmacology of chronic pain" in the CME of IPS, Odisha state branch on the theme, Understanding pain - A neuropsychiatric approach on 31 Oct 2021.
13. Attended workshop on "Hands-on training in RTMS" on the occasion of the World Mental Health Day on 10 Oct 2021.
14. Co-organized the webinar on "Role of nutrition in physical and mental health of women: Policy to plate." (Hybrid mode) at AIIMS, Bhubaneswar in collaboration with National Commission for Women (NCW), Govt of India as organizing secretary on 25 Sep 2021.
15. Revised (PDPI-R) Odia version 365th Annual National Conference of the Indian Public Health Association (IPHACON 2021) being organized by the Department of Preventive and Social Medicine, JIPMER International School of Public Health (JISPH), and IPHA Pondicherry State Branch from 24-26 Sep 2021
16. Presented a symposium titled "Psychiatrist and human resource: will pandemic era encourage inclusion and destigmatization in health care organizations?" at the World Association of Social psychiatry Asia Pacific hybrid Conference, Delhi, organized by AIIMS, Delhi from 16-18 Sep 2021.
17. Co-Presented an oral paper titled Sex in mind; a confluence of behavioral addiction, organic brain changes and the curiosity at the World Association of Social psychiatry Asia Pacific hybrid Conference, Delhi, organized by AIIMS, Delhi from 16 to 18 Sep 2021.
18. Co-Presented an oral paper titled Delusion of pregnancy in a case of gynecological malignancy with traumatic childbirth: a psychodynamic conceptualization at the World Association of Social psychiatry Asia Pacific hybrid Conference, Delhi, organized by AIIMS, Delhi from 16-18 Sep 2021.
19. Co presented a poster on title "Tele Psychiatry becoming a pathway to reduce stigma and to uncover the sensitive mental issues" at World Association of Social psychiatry Asia Pacific hybrid Conference, Delhi, on 16 to 18 Sep 2021.
20. Attended the MAMA (Maternal Mental Health Africa) Virtual Congress, Thursday 16 Sep 2021.
21. Co presented an Oral paper on " Validation of Postpartum Depression Predictors Inventory.
22. Attended the Webinar organized by AIIMS Bhubaneswar COVID 19 preparedness on third wave held at 25 Aug 2021.

23. Delivered a guest lecture on topic "Stress, Distress and Burnout among medical students "at the CME on Medical Students Wellness: initiatives and challenges" organized by the Department of Psychiatry, AIIMS New Delhi on 10 Jul 2021.
24. Chaired a session on National CME on World social media Day organised by IPSOSB on 30 Jun 2021.
25. Was an invited speaker for "Promoting Mental Health during Covid-19 Pandemic" organised by Society of Civil Engineers in association with ASCE & ICE Student Chapters by KIITS Bhubaneswar on 22 May 2021.

Dr Debadatta Mohapatra:

1. Participated in a national webinar cum workshop on "Therapy in everyday practice", organized by department of Psychiatry, KIMS, Bhubaneswar on 29 Jan 2022.
2. Participated as a member of organizing committee in the 31st Annual Conference of IPS, Odisha state branch at Paradip on 19 Dec 2021.
3. Invited as a guest to chair a session by Prof P T Shiv Kumar on "Interventions of Loneliness" in National mid-term CME of Indian association of Geriatric Mental Health (IAGMH) on 27 and 28 Nov 2021 held in Cuttack.
4. Invited as a speaker in Conference of Eastern Zone Indian Psychiatric Society (CEZIPS) and delivered lecture on "neuropsychiatric disorders post COVID-Challenges for future" on 13 Nov 2021 in Agartala in hybrid mode.
5. Invited as an expert in the programme "Hello Doctor" on the theme "school reopening" on 16 Oct 2021 organized by Naxatra News.
6. Organized National CME on World Mental Health Day on 10 Oct 2021.
7. Participated in Faculty Development Program on Sample Size Calculation in Biomedical Research 25 Sep 2021.
8. Invited as an expert in the Programme "Panel Discussion" on the theme "Suicide" on 11 Sep 2021 organized by Naxatra News.
9. Invited to judge a debate on "Gender Bias in diagnosis does not exist in psychiatric disorders" in Indian Psychiatric Society debate on 21 Aug 2021 on virtual mode.
10. Invited as a speaker in a panel discussion in Mid-term CME, Eastern Zonal branch, Indian Psychiatric Society on "Community intervention of Integrated Mental health care" on 15 Aug 2021.
11. Participated in online faculty development program on creative thinking from 12-14 Aug 2021.
12. Participated in Faculty development Program on Research methodology and Basic Biostatistics for the junior faculty of AIIMS Bhubaneswar schedules on 17-18 Jul 2021.
13. Participated in workshop on "online open book examination" held on 19 Jun 2021.
14. Conducting "Child Clinics of India" on behalf of Indian Psychiatric society, Child psychiatry specialty section as a committee coordinator on third Friday every month. Till now eight case series have been conducted.

Dr Arpit Parmar:

1. Attended and presented a symposium on "Opioid Agonist Maintenance Treatment (OAMT) in India: History, current status, evidence of its effectiveness, and future directions" at Annual National Conference of Indian Psychiatric Society on 25 Mar 2022.
2. Delivered a lecture on "Liver and alcohol: How alcohol affects liver"" for Project LEAD, Institute of Liver and Biliary Sciences, New Delhi, as part of "An online training program for physicians in identification and management of alcohol-related liver diseases' on 22 Mar 2022.
3. Delivered a lecture on "Liver and alcohol: How alcohol affects liver"" for Project LEAD, Institute of Liver and Biliary Sciences, New Delhi, as part of "An online training program for physicians in identification and management of alcohol-related liver diseases' on 16 Feb 2022.
4. Attended and presented a symposium on ""Harm reduction for people who inject drugs (PWID) during COVID-19 pandemic: Challenges and India's response" as symposium in Addiction 2021 - first National Conference of Addiction Psychiatry Society of India on 10 Dec 2021.
5. Attended and chaired an oral presentation session Addiction 2021 - first National Conference of Addiction Psychiatry Society of India on 10 Dec 2021.
6. Conducted a five days residential OST training of doctors, nurses, counselors, data manager, outreach workers, and

program officers organized by Madhya Pradesh State AIDS Control Society (MPSACS) from 20th Nov to 3rd Dec 2021.

7. Attended and presented an invited symposium on "HIV, HCV, and bacterial infections among people who use drugs: Optimal practice in the "new normal" of the COVID-19 world" at International Society of Addiction Medicine Global Congress (Virtual) on 21 Nov 2021.
8. Attended and presented a symposium on "Moving towards online capacity-building of healthcare workers in addiction management: Strategies for adapting to the new normal" at International Society of Addiction Medicine Global Congress (Virtual) on 20 Nov 2021.
9. Attended and presented a poster on "Alcohol use disorders medications in essential medicines lists of 135 countries: An observational study" at International Society of Addiction Medicine Global Congress (Virtual) on 19 Nov 2021.
10. Attended as a panellist on the topic of "The impact of stigma on transgender identity development and mental health" at CME "Gender Dysphoria in children with DSD: The crux of management" organized by Department of Pediatric Surgery, MAMC, New Delhi on 13 Nov 2021.
11. Attended and delivered an interactive session on "Alcohol withdrawal management: Focus on symptom triggered regimen" in Online Annual Conference of Indian Psychiatric Society – Uttar Pradesh State Branch on 25 Sep 2021.
12. Attended Training of Trainers on Opioid Substitution Therapy programme organised by National AIDS Control Organization on 20-22 Sep 2021.
13. Attended and chaired an oral presentations session at World Association of Social Psychiatry Asia Pacific Congress on 18 Sep 2021.
14. Delivered a lecture on "Liver and alcohol: How alcohol affects liver" for Project LEAD, Institute of Liver and Biliary Sciences, New Delhi, as part of "An online training program for physicians in identification and management of alcohol-related liver diseases" on 11 Aug 2021.
15. Delivered a lecture on "Liver and alcohol: How alcohol affects liver" for Project LEAD, Institute of Liver and Biliary Sciences, New Delhi, as part of "An online training program for physicians in identification and management of alcohol-related liver diseases" on 15 Jul 2021.
16. Attended and presented a poster on "Do n-acetyl aspartate levels predict treatment response in unmedicated obsessive compulsive disorder patients? A Magnetic Resonance Spectroscopy study" at World Federation of Societies of Biological Psychiatry World Congress (virtual) on 28 Jun 2021.
17. Attended and presented a poster on "Essential Medicines List for Asia Pacific Countries and the Deprivation of Medications for Substance Use Disorder Treatment" at College on Problems of Drug Dependence Virtual Scientific Meeting and National Institute of Drug Abuse International Forum on 21 Jun 2021.
18. Attended as a key-organizer of guest lecture for AIIMS Psychiatry department by Mr Mung Ngaihte, Consultant – Targeted Interventions, National AIDS Control Organization on 11 Mar 2021.
19. Attended as a key-organizer of guest lecture for AIIMS Psychiatry department by Dr GVL Narasimha, AIIMS Deogarh on 11 Mar 2021.
20. Conducted a five days residential OST training of doctors, nurses, counselors, data manager, outreach workers, and program officers organized by Odisha State AIDS Control Society (OSACS) and Jharkhand State AIDS Control Society from 7-11 Mar 2021.

AWARDS, HONOURS & SIGNIFICANT EVENTS

Dr Biswa Ranjan Mishra:

1. Awarded with **Late Prof. Dr G. C. Boral Memorial Award** for our research paper in the 30th Annual Conference of IPS, Odisha state branch, Apr 2022 at Bhubaneswar.
2. Received the **First Best Poster**, titled "Comparison of maintenance ECT versus Clozapine on psychopathology and regional cerebral blood flow in treatment-resistant schizophrenia (TRS): A randomized controlled trial", in the Poster Competition, organized by Ninth International Conference on Schizophrenia (**IconS**) of SCARF on 31 Jul 2021, Chennai, India.

Dr Suravi Patra:

1. Successfully cleared Member of Royal College of Psychiatrists Paper A and Paper B in 2021-2022

2. **Mr Shaurya Pharasi** won the best poster presentation award in Ninth Annual Day cum First Research Day on 21 Sep 2021 at AIIMS, Bhubaneswar under Dr Suravi Patra's guidance .
3. Editorial team of Outlook magazine, my featured article on the impact of COVID pandemic on children: 'The psychological pandemic' was published in Jun 2021 and was widely acclaimed.

Dr Debadatta Mohapatra:

1. Awarded with "IPS Travel Fellowship" from Indian Psychiatric Society for the year 2021-22 for two weeks in "Brain Stimulation" at NIMHANS, Bangalore.
2. Received the **First Best Poster**, titled "Comparison of maintenance ECT versus Clozapine on psychopathology and regional cerebral blood flow in treatment-resistant schizophrenia (TRS): A randomized controlled trial", in the Poster Competition, organized by Ninth International Conference on Schizophrenia (**IconS**) of **SCARF** on 31 Jul 2021, Chennai, India.
3. Selected as Convenor of Covid and Mental Health Task Force, Indian Psychiatric Society.
4. Selected as Committee Coordinator of Child Psychiatry Specialty Section, Indian Psychiatric Society.
5. Selected as CME Chairperson, Indian Psychiatry Society, Odisha State Branch.

Dr Arpit Parmar:

1. Selected as Master Trainer for National AIDS Control Organization Opioid Substitution Therapy Programme
2. International Society of Addiction Medicine (ISAM) Young Investigator Bursary 2021.
3. Association for Multidisciplinary Education and Research in Substance use and Addiction (AMERSA) conference registration award 2021.
4. World Association of Social Psychiatry (WASP) Asia Pacific Hybrid Congress Early Career Fellowship 2021.
5. Best poster award for co-authored paper at World Association of Social Psychiatry (WASP) Asia Pacific Hybrid Congress 2021.
6. National Institute of Drug Abuse (NIDA) International Forum/The College on Problems of Drug Dependence (CPDD) Annual scientific meeting scholarship 2021.
7. International AIDS Society (IAS) Educational Fund Scholarship 2021.
8. World Federation of Societies of Biological Psychiatry (WFSBP) Young Investigator Award 2021.

PULMONARY MEDICINE & CRITICAL CARE

FACULTY

Professor & HOD	Dr Prasanta Raghav Mohapatra
Additional Professor	Dr Sourin Bhuniya
	Dr Manoj Kumar Panigrahi
Assistant Professor	Dr Shakti Kumar Bal

HIGHLIGHTS

The Pulmonary Medicine and Critical Care Department has established itself as a centre for comprehensive respiratory care, catering to patients from all parts of Odisha and the neighbouring states. The Department is equipped with Endobronchial Ultrasound (EBUS) guided Trans-bronchial Needle Aspiration (TBNA) facility, which is not only the first in Odisha but also the first in Eastern India among Govt sectors. The Department has already earned a place for itself as a 'point of care' centre among the select few in India for the diagnosis and treatment of Lung cancer under the guidance of a certified Medical Oncologist. The total number of lung cancer cases diagnosed and managed in the Department has reached over to 1500.

The Department has published over 15 papers in 'Pubmed' indexed Journals and has research presentations at one of the most prestigious International conferences to its credit. The faculty have become members of the editorial board of leading National Journals. Our centre has completed the recruitment of participants for ICMR TB vaccine trial. The third and fourth batches of DM fellow completed their course in Jul 2021 and Jan 2022, respectively. The tenth batch had joined without interruption of any batch.

EDUCATION

Regular theory classes and bedside clinical teaching, as and when allotted, are carried out by all the faculty and senior residents. The interns posted in our Department are also taught about different diagnostic procedures and clinical cases, and they are assigned a topic for presentation before their completion of posting.

Apart from regular bedside clinical teaching, seminars are held thrice every week in the form of a Journal club, case presentations and topic seminars for the postgraduate students. Besides, inter-Departmental education programmes like clinicopathological meet and radiology meet are also held with the Department of Pathology and Radiodiagnosis from time to time. Besides, a review of mortality is done on a monthly basis in order to find answers to the unanswered questions and, as a quest to improve the services provided to the patients. Prof Dr P R Mohapatra has been working as member secretary of core committee for National TB Elimination Program. In addition to quarterly core committee meeting, NTEP sensitisation programme for faculty and Senior Resident were held on 30th and 31st Mar 2022.

CONFERENCES/CME/WORKSHOP ATTENDED & LECTURE DELIVERED/ PAPER PRESENTED

Dr Prasanta Raghav Mohapatra, Professor

1. Delivered lectures on two topics 1. Clinical diagnosis and radiology and 2. Targeted therapy of Lung Cancer and took part in the tumour board discussion during the Lung Cancer Workshop at Deendayal Hastkala Sankul, Varansai on 31 Mar 2022.
2. Attended the BMJ webinar on 25 Mar 2022, Clinical Update Diabetes Mellitus (virtually).
3. Delivered talk on COVID-19 and Pulmonary Tuberculosis The Tsunami will follow the earthquake " on world TB day on 24 Mar 2022.
4. Delivered a talk and participated as a panellist in the panel discussion on Clinical Updates & Innovation in Tuberculosis 2022 (Update in TB Management) organized by IMA, Delhi on 19-20 Mar 2022.
5. Participated as a panellist for COVID 19 Odisha Grand Round, on 25 Feb 2022 (concluding session for COVID-19) organised by Govt of Health and Family Welfare, Govt of Odisha, Bhubaneswar.
6. Attended the BMJ webinar on 28 Jan 2022, Clinical Update on Ischemic Heart Diseases (virtually).
7. Delivered an introduction talk on 'Clinical Integration: Need of the Hour' during the International Virtual Conference conducted by College of Nursing, AIIMS, Bhubaneswar on 20 Jan 2022.
8. Participated in the 6th Annual Meeting of the American College of Physicians (India Chapter) held at Goa (virtual conference) on 11-12 Dec 2021.

9. Participated as an invited Faculty (delivered lectures and joined as a panellist) and was a member of Scientific Committee of 12th National Lung Cancer Conference (NALCCON) held in Nov 2021 (hosted by JIPMER, Puducherry).
10. Participated as a faculty (on a virtual platform) in the NACCON 2021 (Annual Conference of the Indian Society of Study on Lung Cancer) during 26-27 Nov 2021 and 3-4 Dec 2021.
11. Attended session on "How to write Medical Books" on 26 Nov 2021 by Taylor and Francis Group (CRC Press)
12. Delivered talk on Acute Exacerbation of COPD at AIIMS Deoghar on 16 Nov 2021.
13. Participated and attended the Sepsis Management Session virtually on 13 Sep 2021, organized by the Indian Association of Microbiologists, Delhi Chapter.
14. Participated as a panellist (on a virtual platform) on The spotlight on Lung Cancer Diagnostics on 18 Aug 2021
15. Delivered a NBE (National Board of Exam) webinar session to DNB students on Sarcoidosis on 4 Aug 2021
16. Delivered a talk on Post COVID Syndrome by Indian Medical Association Bhubaneswar on 15 Jun 2021
17. Participated in Panel Discussion on COVID-19 in India: Pulmonologist Perspective (along with Dr Swaumya Swaminathan, Dr Randeep Guleria) moderated by President Indian Chest Society on 13 Jun 2021
18. Participated as faculty in the American College of Chest physicians ACCP (CHEST 2021) and conducted review of posters and abstracts (virtually) held in USA from 17-20 Oct 2021
19. Coordinated for Centre of Excellence (as designated by MoHFW Govt of India) webinars. He had moderated 12 online webinars for Odisha and 12 for West Bengal (total of 24 CoE sessions on COVID) from 27 May -13 Aug 2021
20. Chairperson in a session on Endobronchial Ultrasound at Cheston Odisha (Annual Conference of Odisha Chest Society) on 4 Apr 2021 at KIMS, Bhubaneswar
21. Worked as a panellist on Centre of Excellence webinars on Covid-19 Management (10 training discussion sessions) with Prof Randeep Guleria, AIIMS, New Delhi from 29 Apr 2022 and continued till 31 May 2021 and again resumed during Omicron wave during Jan 2022
22. Coordinator and Chief discussant for following topics as Regional Centre of Excellence webinars on Covid-19 Management for Odisha and West Bengal separately with the help of Govt of Odisha (28 May - 17 Aug 2021) and West Bengal from 30 Jan -13 Aug 2021 (by the direction of MoHFW, Govt of India)
23. Delivered a lecture on 'Re-looking Evidence & Guidelines for Biomarkers and Drugs in the management of COVID' for KIIT University (27 May 2021), for AIIMS staff, and CoE Webinar for Odisha (28 May 2021) and West Bengal (9 Jul 2021) respectively

Dr Sourin Bhuniya, Additional Professor

1. Faculty for WISSEN workshop at AIIMS Bhubaneswar and delivered a lecture on 'Interpretation of Chest x-ray' on 24 Sep 2021
2. Faculty for NTEP sensitisation program at AIIM Bhubaneswar and delivered lecture on 'Treatment of pulmonary and extra-pulmonary tuberculosis' on 21-22 Sep 2021
3. Invited faculty in CHESTCON 2021, held at KIMS Bhubaneswar and delivered a lecture on 'COPD-OSA Overlap Syndrome' on 4 Apr 2021

Dr Manoj Kumar Panigrahi

1. Was invited as faculty to the annual state conference of Orissa Chest Society 'CHESTCON 2021', held at KIMS Bhubaneswar and delivered a lecture titled "EBUS – Can it replace EUS in pulmonary interventions" on 04 Apr 2021
2. Attended the series of webinars on COVID-19 management between 30 Apr - 11 May 2021, organised by AIIMS New Delhi in collaboration with the Ministry of Health and Family Welfare, Govt. of India for regional and state centres of excellence under the Clinical Excellence Program
3. Attended the training program as a representative panellist for the centre of excellence for COVID-19 management in AIIMS Bhubaneswar on 30 Apr 2021, organised by Disaster Management Cell, Ministry of Health & Family Welfare, Government of India
4. Attended the webinar on COVID management protocol in AIIMS Bhubaneswar on 15 May 2021
5. Participated as a panellist for the webinar "Relooking the evidence and guidelines for biomarkers and drugs in the management of COVID: what should be avoided?" on 28 May 2021 conducted by AIIMS Bhubaneswar for Odisha under

the clinical excellence program on COVID-19 by the Ministry of Health & Family Welfare, Govt. of India.

6. Participated as a panellist for the webinar "Oxygen – Hope of Life" on 1 Jun 2021, conducted by AIIMS Bhubaneswar for Odisha under the clinical excellence program on COVID-19 by the Ministry of Health & Family Welfare, Govt. of India.
7. Delivered a virtual talk titled "Use and use of steroids in COVID-19" on 3 Jun 2021 conducted by AIIMS Bhubaneswar for Odisha under the clinical excellence program on COVID-19 by the Ministry of Health & Family Welfare, Govt. of India.
8. Participated as a panellist for the webinar "Management of ARDS in COVID-19" on 8 Jun 2021, conducted by AIIMS Bhubaneswar for Odisha under the clinical excellence program on COVID-19 by the Ministry of Health & Family Welfare, Govt. of India.
9. Participated as a panellist for the webinar "Management of COVID-19 in children" on 10 Jun 2021, conducted by AIIMS Bhubaneswar for Odisha under the clinical excellence program on COVID-19 by the Ministry of Health & Family Welfare, Govt. of India.
10. Participated as a panellist for the webinar "Management of COVID-19 in pregnancy and lactation and issues of vaccination" on 15 Jun 2021 conducted by AIIMS Bhubaneswar for Odisha under the clinical excellence program on COVID-19 by the Ministry of Health & Family Welfare, Govt. of India.
11. Participated as a panellist for the webinar "Non-ICU management of COVID-19 – The evolving evidence and recommendations" on 17 Jun 2021 conducted by AIIMS Bhubaneswar for Odisha under the clinical excellence program on COVID-19 by the Ministry of Health & Family Welfare, Govt. of India.
12. Participated as a panellist for the webinar "Management of Hyperglycaemia in COVID-19" on 22 Jun 2021 conducted by AIIMS Bhubaneswar for Odisha under the clinical excellence program on COVID-19 by the Ministry of Health & Family Welfare, Govt. of India.
13. Participated as a panellist for the webinar "Dos and Don'ts in COVID-19 home isolation" on 24 Jun 2021 conducted by AIIMS Bhubaneswar for Odisha under the clinical excellence program on COVID-19 by the Ministry of Health & Family Welfare, Govt. of India.
14. Participated in online CME on "Role of ECMO in respiratory failure" on 26 Jun 2021, organised by Orissa Chest Society
15. Participated as a panellist for the webinar "Changing evidence on the management of COVID as per new national guideline" on 30 Jun 2021 conducted by AIIMS Bhubaneswar for West Bengal under the clinical excellence program on COVID-19 by the Ministry of Health & Family Welfare, Govt. of India.
16. Delivered a talk titled "Fungal Infections in COVID-19" on 01 Jul 2021 conducted by AIIMS Bhubaneswar for Odisha under the clinical excellence program on COVID-19 by the Ministry of Health & Family Welfare, Govt. of India.
17. Participated as a panellist for the webinar "COVID-19 management in Home isolation and treatment" on 02 Jul 2021 conducted by AIIMS Bhubaneswar for West Bengal under the clinical excellence program on COVID-19 by the Ministry of Health & Family Welfare, Govt. of India.
18. Participated as a panellist for the webinar "Post-COVID rehabilitation" on 08 Jul 2021 conducted by AIIMS Bhubaneswar for West Bengal under the clinical excellence program on COVID-19 by the Ministry of Health & Family Welfare, Govt. of India.
19. Participated as a panellist for the webinar "Relooking evidence and guidelines for biomarkers and drugs in the management of COVID-19" on 09 Jul 2021 conducted by AIIMS Bhubaneswar for West Bengal under the clinical excellence program on COVID-19 by the Ministry of Health & Family Welfare, Govt. of India.
20. Attended the webinar on "COVID-19 in India – The pulmonologist's perspectives" jointly organised by the Indian Chest Society and National College of Chest Physicians on 11 Jul 2021
21. Delivered a talk titled "Corticosteroids in COVID-19 – use, misuse and abuse" on 14 Jul 2021 for the webinar on COVID-19 conducted by AIIMS Bhubaneswar for West Bengal under the clinical excellence program on COVID-19 by the Ministry of Health & Family Welfare, Govt. of India
22. Participated as a panellist for the webinar "Management of COVID-19 in pregnancy and lactation and changing issues of vaccination" on 16 Jul 2021 conducted by AIIMS Bhubaneswar for West Bengal under the clinical excellence program on COVID-19 by the Ministry of Health & Family Welfare, Govt. of India.
23. Participated as a panellist for the webinar "Clinical manifestations of COVID-19 in children" on 20 Jul 2021 conducted by AIIMS Bhubaneswar for Odisha under the clinical excellence program on COVID-19 by the Ministry of Health & Family Welfare, Govt. of India.

24. Participated as a panellist for the webinar "Antibody cocktail in COVID-19" on 22 Jul 2021 conducted by AIIMS Bhubaneswar for Odisha under the clinical excellence program on COVID-19 by the Ministry of Health & Family Welfare, Govt. of India.
25. Participated as a panellist for the webinar "Ventilation and ICU management of COVID-19" on 23 Jul 2021 conducted by AIIMS Bhubaneswar for West Bengal under the clinical excellence program on COVID-19 by the Ministry of Health & Family Welfare, Govt. of India.
26. Participated in online CME on "Protean presentation of covid 19- an evidence-based study /post covid complications" on 24th Jul 2021, organised by Orissa Chest Society
27. Participated as a panellist for the webinar "Management of COVID-19 in children" on 28 Jul 2021, conducted by AIIMS Bhubaneswar for West Bengal under the clinical excellence program on COVID-19 by the Ministry of Health & Family Welfare, Govt. of India.
28. Participated as a panellist for the webinar "Mutations, variants and its implications of vaccine" on 04 Aug 2021 conducted by AIIMS Bhubaneswar for West Bengal under the clinical excellence program on COVID-19 by the Ministry of Health & Family Welfare, Govt. of India.
29. Participated as a panellist for the webinar "Management of Rhinocerebral mucormycosis" on 06 Aug 2021 conducted by AIIMS Bhubaneswar for West Bengal under the clinical excellence program on COVID-19 by the Ministry of Health & Family Welfare, Govt. of India.
30. Participated as a panellist for the webinar "Infection Prevention and Control practices" on 11 Aug 2021 conducted by AIIMS Bhubaneswar for West Bengal under the clinical excellence program on COVID-19 by the Ministry of Health & Family Welfare, Govt. of India.
31. Participated as a panellist for the webinar "Role of ECMO in management of COVID-19" on 12 Aug 2021 conducted by AIIMS Bhubaneswar for Odisha under the clinical excellence program on COVID-19 by the Ministry of Health & Family Welfare, Govt. of India.
32. Participated as a panellist for the webinar "Post-COVID rehabilitation" on 13 Aug 2021 conducted by AIIMS Bhubaneswar for West Bengal under the clinical excellence program on COVID-19 by the Ministry of Health & Family Welfare, Govt. of India.
33. Attended the webinar on "preparedness of AIIMS Bhubaneswar to manage 3rd wave of COVID-19" on 17 Aug 2021
34. Participated in online CME on "Role of Nintedanib in IPF and PF-ILD" on 21 Aug 2021, organised by Orissa Chest Society
35. Participated in online CME on "Pulmonary rehabilitation – A comprehensive review" on 18 Sep 2021, organised by Orissa Chest Society
36. Faculty for WISSEN 2021 at AIIMS Bhubaneswar and delivered a lecture and conducted the workshop on 'Basic Spirometry' on 24 Sep 2021
37. Participated in online CME on "Zoonotic infections affecting the pulmonary system" on 23 Oct 2021, organised by Orissa Chest Society
38. Participated in online CME on "Acute exacerbations of ILD" on 20 Nov 2021, organised by Orissa Chest Society
39. Participated in the 12th National Lung Cancer Conference (NALCCON) held virtually on 26-27 Nov and 3 & 4 Dec 2021 (hosted by JIPMER, Puducherry)
40. Participated in online CME on "Informing public policy in tuberculosis" on 18 Dec 2021, organised by Orissa Chest Society
41. Delivered an invited lecture titled "Antibody therapy in COVID-19" on 20th Jan 2022 in the monthly CME of Orissa Chest Society
42. Participated in online CME on "A pulmonologist's approach to manage allergic rhinitis" on 19 Feb 2022, organised by Orissa Chest Society
43. Participated in online CME on "Lung cancer: controversies to Consensus" held on 12 Mar 2022, organised by the Indian Chest Society
44. Participated in online CME on "What pulmonologists should know about home NIV" on 19 Mar 2022, organised by Orissa Chest Society

45. Delivered a talk on 'Endobronchial ultrasound in Mediastinal staging of lung cancer in Lung Cancer Workshop on 31 Mar 2022 on behalf of the National Conference on Pulmonary Diseases held at Deendayal Hastkala Sankul, Varanasi and served as the resource faculty for the workshop

Dr Shakti Kumar Bal

1. Attended the TESCON conference in Ahmedabad 17-19 Dec as a delegate.

PATIENT CARE

The Department caters to patients coming from various parts of Odisha and neighbouring states of eastern India. The outpatient Department functions six days per week and on average, over 100 patients visit every day with various respiratory ailments (weekly patients attendance about 2500 during peak period). Besides, special clinics like the sleep clinic and lung cancer clinic run on a weekly basis. The Department provides inpatient care to all categories of respiratory diseases including critically ill patients, who require mechanical as well as non-invasive ventilation in the existing respiratory ICU (RICU) and the four bedded HDU in the ward. The Department is one among the select few centres in India to provide point-of-care management of lung cancer. Lung cancer chemotherapy has been administered under the guidance of a certified Medical Oncologist in our Department for more than a year adhering to international standards. The Department provides various diagnostic and therapeutic services like thoracentesis, tube thoracostomy, chemical pleurodesis, spirometry, flexible bronchoscopy, thoracoscopy, percutaneous lung biopsy, and polysomnography on a regular basis for a wide spectrum of respiratory diseases. The Department is the first in the state to start Endobronchial Ultrasound (EBUS) guided trans-bronchial needle aspiration (TBNA) for the diagnosis and staging of lung cancer and other non-malignant conditions.

AWARDS, HONOURS & SIGNIFICANT EVENTS

Prasanta Raghav Mohapatra:

1. Prasanta Raghav Mohapatra was Awarded as a Fellow of the American Thoracic Society (ATSF), USA announced during Dec 2022)
2. Prasanta Raghav Mohapatra was Awarded as a Fellow of Infectious Disease Society of America (FIDSA) on 16 Nov 2021
3. Prasanta Raghav Mohapatra was honoured with the Oration Award;; the oration was delivered on 3rd Apr 2021 physically during the Annual Odisha Chest Society Oration for 2021Conference of Odisha Chest Society at Kalinga Institute of Medical Sciences, Bhubaneswar.
4. Prasanta Raghav Mohapatra was Coordinator and Chief discussant for total 25 sessions as Regional Centre of Excellence (RCOE) webinars on Covid-19 Management for Odisha and West Bengal separately. Video Conferences were transmitted with the help of Govt of Odisha and West Bengal.(by the direction of MoHFW, Govt of India) to update the doctors and healthcare staff in a remote part of India.
5. Prasanta Raghav Mohapatra Central team member for COVID-19 to the state of Maharashtra (deputed to serve Dist: Bandara) during Apr 2021. Govt of India appointed me as a central team member and Nodal clinical experts and resource persons to Odisha state.
6. Prasanta Raghav Mohapatra One of the two designates of Central Team members for COVID-19 to the state of Odisha during Jul 2021
7. Prasanta Raghav Mohapatra (along with Prof Digambar Behera, Chandigarh) had conducted Lung Cancer Workshop on 31 Mar 2022 on behalf of National Conference on Pulmonary Diseases held at Varanasi.
8. Prasanta Raghav Mohapatra was elected as Vice President of Indian Society of Study for Lung Cancer (ISLSC) during 2021.

Prasanta R Mohapatra has been Fellows of Different Medical Societies

- Fellow of Royal College of Physicians (London), FRCP(London)
- Fellow of Royal College of Physicians (Glasgow), FRCP(Glasg)
- Fellow of American College of Physicians (FACP), USA
- Fellow of American College of Chest Physicians (FCCP), USA
- Fellow of Indian College of Physicians (FICP) – Fellow

- Fellow of the Asian Pacific Society of Respiriology (FAPSR)
- Fellow of National College of Chest Physicians (India), FNCCP
- Fellow of Indian Association for Bronchology (Life Fellow-016) FIAB
- Fellow of International Medical Sciences Academy (FIMSA)
- Fellow of Indian College of Allergy Asthma and Applied Immunology (FCAI)
- Fellow of Academy of Pulmonary Sciences (FAPS)
- Fellow of Indian Sleep Disorder Association (FISDA)
- Fellow of Indian Chest Society (FICS)

Sourin Bhuniya:

- Assistant editor, the Journal of Association of Chest Physicians
- Fellow of the American College of Chest Physician (FCCP)
- Fellow of the Asian Pacific Society of Respiriology (FAPSR)
- Member of National Academy of Medical Sciences (MAMS)
- Member of European Respiratory Society (ERS)
- Member of Indian Chest Society (ICS)
- Member of National College of Chest Physicians (NCCP)
- Member of Indian Sleep disorders Association (ISDA)
- Member of Indian Association of Bronchology (IAB)
- Member of Indian Association of the Study of Lung Cancer (IASLC)
- Manoj Kumar Panigrahi
- Fellow of the American College of Chest Physician (FCCP)
- Fellow of the Asian Pacific Society of Respiriology (FAPSR)
- Member of National Academy of Medical Sciences (MNAMS)
- Member American Thoracic Society
- Member of European Respiratory Society (ERS)
- Member of Indian Chest Society (ICS)
- Member of Indian Society for Study of Lung Cancer (ISSLC)

RADIODIAGNOSIS

FACULTY

Professor & HOD	Dr Nerbadyswari Deep (Bag)
Associate Professor	Dr Suprava Naik
	Dr Sudipta Mohakud
Assistant Professor	Dr Biswajit Sahoo
	Dr Tara Prasad Tripathy
	Dr Ranjan Patel
	Dr Manoj Nayak

HIGHLIGHTS

The Department is equipped with all state-of-the-art equipment such as a 3 Tesla Magnetic resonance imaging (MRI), 1.5 Tesla MRI, 256 slice Computed tomography (CT) scanner, 64 slice CT, biplane digital subtraction angiography (DSA), 3D mammography with digital breast tomosynthesis, high-end ultrasonography machines, flat-panel digital fluoroscopy, the digital x-ray and the portable x-ray machines for diagnosis & therapeutic purpose. The Department provides 24 x 7 hours services to the patients of Odisha and from neighboring states attending AIIMS, Bhubaneswar, with its advanced & modern equipment.

Currently, three senior residents and seventeen junior residents (PG students) are also part of the departmental workforce. The Department is actively engaged in the diagnosis, interventional procedures, research & training of (undergraduate, postgraduate, B.Sc. Radiography) students.

EDUCATION

The Department is running the Postgraduate course (PG) and a BSc. course in Radiography (Medical Technologist in Radiology- MTR) since 2016. The faculty are actively involved in intra- and inter departmental academic activities. All the faculty members are involved in the teaching-learning activities and evaluation process of PG, MBBS, and BSc (MTR).

CONFERENCES/CME/WORKSHOP ATTENDED & LECTURE DELIVERED/ PAPER PRESENTED

Dr Nerbadyswari Deep (Bag)

1. Participated in the virtual webinar on "Non-Alcoholic Fatty Liver Disease (NAFLD): Population-level strategies for prevention" held jointly by the Institute of Liver and Biliary Sciences, New Delhi, and AIIMS, Bhubaneswar on 30 Jun 2021

Dr Suprava Naik

1. Attended the International e-workshop on "Radiation Transport and applications" conducted by IIT Bhubaneswar on 22 Jan 2022 and delivered a talk on "Radiation in Diagnostic Imaging."
2. Participated in the "Faculty development programme on Sample size calculation in Biomedical Research" conducted by Research cell, AIIMS Bhubaneswar. (25 Sep 2021)
3. Participated in the "Faculty development programme on Research methodology & Basic Biostatistics" conducted by Research cell, AIIMS Bhubaneswar. (17-18 Jul 2021)

Dr Sudipta Mohakud

1. Participated in the "Faculty development programme on Sample size calculation in Biomedical Research" conducted by Research cell, AIIMS Bhubaneswar. (25 Sep 2021)
2. Delivered a lecture on "Biliary Interventions - Planning, technique and hardware" in the webinar organised by Indian college of Radiology and Imaging (ICRI)/ Indian Radiological and Imaging Association (IRIA) (13 Sep 2021).
3. Delivered a lecture on "Abdomen: Biliary tract imaging with MRI" in the webinar organised by Indian college of Radiology and Imaging (ICRI)/ Indian Radiological and Imaging Association (IRIA) (6 Sep 2021).
4. Participated in the "Faculty development programme on Research methodology & Basic Biostatistics" conducted by Research cell, AIIMS Bhubaneswar. (17-18 Jul 2021)

- Participated in the workshop on- "Online Open Book Examination: A novel assessment method during pandemic and beyond" conducted by MEU, AIIMS Bhubaneswar. (19 Jun 2021)

Dr Biswajit Sahoo

- Participated in the Indian National Association for Study of the Liver (INASL) – Mid-Term Single Theme Meeting on Hepatocellular Carcinoma (HCC), held on 27-28 Nov 2021
- Participated and selected in the poster presentation during the virtual 28th annual scientific meeting of the Indian national association for the study of the liver (INASL) held from 6-8 Aug 2021
- Participated in the virtual webinar on "Non-Alcoholic Fatty Liver Disease (NAFLD): Population-level strategies for prevention" held jointly by the Institute of Liver and Biliary Sciences, New Delhi, and AIIMS, Bhubaneswar on 30 Jun 2021

Dr Tara Prasad Tripathy

- Attended ISVIR 2021 (Mar -Apr) conference 2021 and won 2nd prize in oral paper category.
- Delivered lecture on basic imaging for CTVS surgeons in CME and wet lab workshop, Feb, 2022 organized by Dept of CTVS at AIIMS, Bhubaneswar.

Dr Ranjan Patel

- Delivered lecture on basic imaging for CTVS surgeons in CME and wet lab workshop, Feb, 2022 organized by Dept of CTVS at AIIMS, Bhubaneswar.

Dr Manoj Nayak

- Joined the department on 20 Jun 2022 and started Neurointervention in AIIMS Bhubaneswar.

PATIENT CARE / HOSPITAL SERVICES

The Department provides uninterrupted routine and 24 x 7 emergency radiological services to all the OPD, IPD, and emergency Department patients.

The following radiological investigations and procedures are being done routinely-

- The interventional radiological procedures under Digital Subtraction Angiography (DSA) include- four-vessel cerebral angiography, peripheral and abdominal angiography, hepatic, splenic, left gastric & gastroduodenal, renal, uterine and external carotid arteries pseudoaneurysm embolization, bronchial artery embolization, Sclerotherapy, Transarterial chemoembolization of Hepatocellular carcinoma (TACE), Transjugular liver biopsy (TJLB), Balloon retrograde transvenous obliterations (BROTO), Tumor embolization, and embolization of arteriovenous malformation (AVM)
- The MRI services provided by the Department are- Angiography, Neuroimaging, Spinal imaging, Body imaging, Head and neck MRI, MR Mammography, magnetic resonance cholangiopancreatography (MRCP), Musculoskeletal MRI, Cardiac MRI, MRI of Prostate, Pelvic MRI, Functional MRI, Perfusion MRI, Diffusion tensor imaging (DTI), arterial spin labelling (ASL), MRS (MR spectroscopy), MR Neurography, MR Urography, and MR Lymphangiography.
- The Ultrasonography services include imaging of the abdomen, Pelvis, Thorax, Small parts- Thyroid, Breast, Musculoskeletal, transvaginal (TVS), transrectal ultrasonography (TRUS) and guided biopsy, Antenatal USG, NT scan, Anomaly scan, Doppler Studies-Renal, Hepatic, Extremity, Carotid, Obstetrics, Fetal echocardiography, Bedside USG, Transcranial, USG guided clip placement and wire localization of breast lesions, Therapeutic reduction of intussusception and ultrasonography-guided procedures like fine-needle aspiration cytology (FNAC), biopsy, and percutaneous drainage (PCD), etc.
- The various CT scan investigations are, CT Spine, Head & Neck, Thorax, Abdomen & pelvis, Cardiac CT, CT Angiography- (pulmonary, abdominal, aortogram, neck, brain, peripheral), Coronary angiography, Coronary calcium scoring, Cisternography, Perfusion imaging, Dual-energy C.T., Musculoskeletal, and CT guided procedures (P.C.D., FNACs, Biopsy- Lung, vertebra, retroperitoneal mass, etc., neural block)
- We perform hepatobiliary interventions like percutaneous transhepatic biliary drainage (PTBD), percutaneous transhepatic biliary brush cytology, and biliary stenting in malignant biliary obstructions cholangitis and obstructive jaundice and urological interventions like percutaneous nephrostomy (PCN).
- The Department provides x-ray services, fluoroscopy-guided conventional radiological procedures (barium swallow, barium meal and follow-through, barium enema, loopogram, urological procedures like retrograde urethrography,

micturating cystourethrography, and intravenous pyelography), portable x-rays, and bedside ultrasonography services.

7. We provide mammography services which include Screening mammography, Diagnostic Mammography, and Digital Breast Tomosynthesis.
8. The Department provides dedicated services to COVID patients in the form of bedside Ultrasound, bedside X-rays, CT and MRI of admitted (ward and ICU) patients, and emergency radiological interventional procedures. We are providing uninterrupted CT and MRI services for COVID associated Mucormycosis.



His Excellency, The Governor of Odisha, Prof. Ganeshi Lal visited our Department in Mar 2022.



Emergency embolization procedure in COVID positive patient being performed by Interventional radiology team in Sep 2021



PG Students participated in the Institute Research Day in Sep 2021 with poster presentation of their original thesis works



PG examination in the department in Nov 2021



Dr Tara Prasad Tripathy, Assistant Professor, won second prize for Podium paper presentation in the 22nd Annual conference of ISVIR 2022 in Mar- Apr 2022

RADIATION ONCOLOGY

FACULTY

Professor & Head	Dr Dillip Kumar Parida
Additional Professor	Dr Saroj Kumar Das Majumdar
Assistant Professor	Dr Sandip Kumar Barik
	Dr Deepak Kumar Das

HIGHLIGHTS

The department is actively involved in patient care, teaching, providing training to various students, research and administrative activities. Faculty members have also participated in different public awareness as well as Academic programs.

EDUCATION

The department is involved in various undergraduate and post graduate teaching activities.

1. Post graduate
2. Undergraduate
3. M. Sc Nursing
4. B.Sc. Nursing
5. MTRT
6. MTR

Various teaching activities like seminars, bed side clinics, Multidisciplinary Cancer Clinics, Tumor Board and Cancer Education and Learning (CEAL) for residents and general public are conducted by faculties.

CONFERENCES/CME/Workshop ATTENDED & LECTURE DELIVERED/ PAPER PRESENTED

Dr Dillip Kumar Parida

1. Presented a talk on "Current Cancer Scenario with special mention to the State of Odisha" A NEW HOPE OF CANCER CARE IN ODISHA-2022"; 17 May 2022
2. Delivered a lecture on "Importance of Nutrition on Cancer Management" on World Healthy Day, AIIMS, Bhubaneswar; 7 Apr 2022
3. Chairperson in "Recent Management of Prostate Cancer" session of 3rd Mid-Term Conference of Indian Society of Oncology (ISO) 2022; 9-10 Apr 2022, Lucknow,
4. Chairperson in "Pediatric Brain Tumor Session" of Neuro & Spine Onco-Update Organised by Indian Society of Neuro-oncology & Delhi Neurological Association 12 of Mar 2022, Delhi
5. Panellist in "Management of LABC" Session in 5th Global Cancer Summit-2022; 30 Jan 2022, Bangalore.
6. Panellist in Management of NSCLC" Session; 8th National Annual Conference of ISMPOCON 2022" 28-30 Jan 2022, Mumbai

Dr S. K. Das Majumdar

1. Visiting scientist position at NISER Bhubaneswar in the centre for Medical and Radiological Physics for a period of 5 years from 22 Oct 2021.
2. Member in Indian Clinical Trial and Education Network (INTENT) proposal for ICMR
3. Member of telemedicine and cancer care of India under ICMR

Dr Sandip Kumar Barik

1. CME Talk on Whole Breast vs Partial Breast Irradiation, When and Why on 13 Aug 2021.
2. Talk on Sequencing of Chemotherapy in Metastatic Triple Negative Breast Cancer in Doc Plus on 12 Sep 2021.
3. Panelist on Medical Management of Metastatic Bone Disease on 14 Nov 2021.

4. Training on Data Management and Analysis in MS Excel conducted by Odisha Social Science Research and Consultancy on 15 Dec 21
5. Completion of Certified Tobacco Cessation Specialist Course (CTCS) by Gujarat University 28 Jan 22
6. Panelist on "Symposium on Hypopharyngeal cancer" 19 Feb 2022 conducted by Dr B. Barooah Cancer Institute (BBCI), Guwahati and Foundation of Head and Neck Oncologist (FHNO) India.

Dr Deepak Kumar Das

1. Attended CME on Recent Advances in Oncology at PGIMER, Chandigarh on 26 Mar 2022.
2. Peer Reviewer of the Article "Surviving With Mycosis Fungoides for Twenty Years: An Autobiographical Case Report" (Dec 19, 2021), for Cureus Journal of Medical Sciences.
3. Panel Discussion on 'Ovarian cancer' and 'prostate cancer' in 4 th Annual Meeting of Odisha Society of Oncology (OSOCON 2021).
4. Moderated a panel discussion on 'management of renal cell carcinoma' in monthly meeting of Temple City Oncoclub.
5. Presented a topic on 'Rationality of adjuvant radiotherapy in carcinoma endometrium' in monthly meeting of Temple City Oncoclub.

PATIENT CARE / HOSPITAL SERVICES PATIENT CARE / HOSPITAL SERVICES

MONTH	OLD OPD	NEW OPD	IPD	DAYCARE	HELA FRACTIONS	BRACHY	CT SIM
Apr -2021	1581	310	114	733	1059	29	90
MAY-2021	1028	131	84	573	1194	02	37
Jun-2021	1300	235	104	642	1330	10	76
Jul-2021	1478	224	99	677	1181	07	63
Aug-2021	1417	237	101	718	1230	15	83
Sep-2021	1581	335	106	769	1184	15	80
Oct-2021	1245	285	98	719	1168	08	59
Nov-2021	1629	312	103	846	1211	29	109
Dec-2021	1893	310	46	922	1515	17	109
Jan-2022	1459	204	112	705	1406	12	66
Feb-2022	1815	279	112	772	1162	11	62
Mar-2022	2040	343	110	1016	1348	23	97
TOTAL	18466	3205	1189	9092	14988	178	931

AWARDS, HONORS & SIGNIFICANT EVENTS

- The Department of Radiotherapy entered into MoU with National Institute of Science Education and Research (NISER), Bhubaneswar and BARC for initiating Internship program for Medical Physicist at AIIMS, Bhubaneswar
- Dr SK Das Majumdar awarded Visiting scientist position at NISER Bhubaneswar in the centre for Medical and Radiological Physics for a period of 5 years from 22 Oct 202

SURGICAL GASTROENTEROLOGY

FACULTY

Assistant Professor Dr Bramhadatta Pattnaik
 Dr Tanmay Dutta
 Dr Sunita Gupta

HIGHLIGHTS

The Department of Surgical Gastroenterology started functioning from 29th Jan 2020. The OPD services started from 15th Feb 2020, and the operation theatre from 24th Apr 2020. The Surgical Gastroenterology ward was inaugurated on 15th Jan 2021, and the GI Surgery ICU was inaugurated in May 2022. The department has been doing the majority of the gastrointestinal and hepato-pancreato-biliary surgical procedures at present, including surgeries for all kinds of abdominal malignancies. Many advanced laparoscopic procedures such as right hemicolectomy, left hemicolectomy, low anterior resections, distal and total gastrectomy, choledochal cyst excision with hepatico-jejunostomy, common bile duct exploration etc. are being performed routinely in the department. Surgeries for portal hypertension e.g. proximal spleno-renal shunt and modified Sugiura procedure, were started in AIIMS, Bhubaneswar by the department. Many complex open surgical procedures like Pancreatico-duodenectomy, Liver resections, Colonic transpositions for corrosive strictures etc. are being performed routinely. The department is about to start Liver Transplantation in the near future. The required infrastructure and logistics for Liver Transplantation is under process.

EDUCATION

The department at present has one senior resident (non-academic). The MCh. seats are already approved by the competent authority and the residents will join from Jan-2023. The department conducted a live workshop on 3D laparoscopy and Thoracoscopy recently. Ward rounds are being taken every day on a minimum twice daily basis. Radiological imaging is being discussed in evening rounds, mostly for patients planned for surgery. Important and relevant new publications are being reviewed routinely. The department is actively involved in interdepartmental academics. Regular skill development and training programmes are being conducted routinely in the operation theatre for the paramedical staff.

Departmental Activities:

OPD – Tuesday/Thursday/Saturday
 Special Clinics – Tuesday & Thursday
 Ward – 30 beds, including 4 HDU beds
 OT – Monday to Friday
 ICU - 5 beds

Special Clinics – From Apr 2022

HPB Cancer Surgery Clinic Tuesday 2-5 pm
 GI Cancer Surgery Clinic Thursday 2-5 pm

PATIENT CARE / HOSPITAL SERVICES

Total patients visited Surgical Gastroenterology Department	3475
Total Outdoor patients	6440
Total Indoor patients	504
Total Surgeries performed	323
Total Laparoscopic Surgeries	35
Minor OPD procedures	75

1. Outpatient services
2. Indoor services

3. Modular Operation Theatre
4. Procedure room in outpatient department
5. Thromboelastography laboratory
6. Liver Surgery planning workstation

AWARDS, HONOURS & SIGNIFICANT EVENTS

The Department won the award for best ward in AIIMS, under Swachhata category.

SURGICAL ONCOLOGY

FACULTY

Professor & HOD	Dr Madhabananda Kar
Additional Professor	Dr Dillip Kumar Muduly
Assistant Professor	Dr Mahesh Sultania
	Dr Jyoti Ranjan Swain (Resigned on 01.11.2021)
	Dr Sudhakar G
	Dr Raghuram

HIGHLIGHTS

Department of Surgical Oncology is functioning with its dedicated OPD, IPD, and OT. At present, there are Six faculty members, eleven Senior Residents in the department. In addition to routine surgical oncology procedures, the department has started VATS (Video-assisted thoracoscopic surgery) procedure for patients with lung cancer, esophageal cancer, metastasectomy, mediastinal tumours, and thymectomy. Our department is a referral centre for VATS procedures in the state, including the neighbouring states. The 3D Video Laparoscopic Set has been installed in the department, which helps in critical clinical view while maintaining image orientation, greater depth of field, and optimal depth perception. The department has started cytoreduction surgery & HIPEC for peritoneal carcinomatosis, Sentinel Lymph Node Biopsy (SLNB) using Gamma Probe for breast, penile and cutaneous malignancies, and Lung Sparing Surgery (Sleeve Resection) for carcinoma of the lungs. With a dedicated and integrated MOT and one OT table per day, a total of 277 major surgeries have been successfully carried out in the last year. To minimize the patient waiting and discomfort, the department has started organ-based surgical oncology clinics on fixed days to address the follow-up of patients operated in the department and completed oncological treatment. The department has designed, developed, and maintained an Integrated surgical oncology database & Software based Auditing system in the department, which helps inpatient management and day-to-day working, auditing, research, and publications.

EDUCATION

Presently the department of surgical oncology is involved in the training of undergraduate (MBBS, BSc Nursing, and Operation Theatre Technology), Post-graduates, and MCh Surgical Oncology and training of non-academic senior residents. The department performs regular academic activities, like case presentations, journal clubs, seminars, invited lectures, tumor board, radio-conference, gastro-onco meet, operation theatre learning, in addition to regular weekly, monthly and long-term departmental audits. At present the department has 14 Academic (MCh) senior residents.

CONFERENCES/CME/WORKSHOP ATTENDED & LECTURE DELIVERED/PAPER PRESENTED

Dr Madhabananda Kar:

1. Virtually participated as subject expert in faculty recruitment at AIIMS Deoghar on 3 May 2021.
2. Virtually participated in Leadership & Advocacy Summit 2021 by American College of Surgeons from 15-17 May 2021.
3. Virtually participated as External Expert in Selection Committee for Departmental Promotion at Dr Ram Monohar Lohia of Medical Sciences, Lucknow on 3 Sep 2021
4. Virtually participated as Nominated Member 3rd Meeting of the Project Review and Monitoring Committee (PMRC) of the project 'Multi-centric Clinical Trials of the Indigenous Total Knee Prosthesis 2.4 (TKP 2.4) and its Pilot Production' By O/O Principal Scientific Advisor to Govt. Of India (Virtual Mode) on 14 Sep 2021
5. Participated as Chairperson in 19th Annual Conference of Association of Nuclear Medicine Physicians of India (ANMPICON 2021 virtual) at Dept. of Nuclear Medicine, AIIMS Bhubaneswar on 17-19 Sep 2021
6. Participated as Guest of Honour & Panellist in World Hospice & Palliative Care Day at AHPGIC, Cuttack on 9 Oct 2021
7. Participated as Special Invitee in Meeting on Smac Mimetic and Popular Health talk at CSIR, Lucknow on 12-13 Nov 2021
8. Virtually participated as Faculty & Chairperson 11th Annual Conference of Indian Society for Study of Lung Cancer (NALCCON 2021) at JIPMER Puducherry on 26-27 Nov 2021 & 03-04 Dec 2021
9. Virtually participated as panelist in 81st National Conference of the ASI on 17-19 Dec 2021

10. Participated as Expert Member in Technical Committee meeting for rolling out Cancer Registry (HBCR & CBCR) in Odisha at Directorate of Public Health, HOD Building, Govt. of Odisha on 30 Dec 2021
11. Participated as invited Faculty in LEADCON 2022 at Sheraton Grand, Mahabalipuram Road, Chennai on 19 Mar 2022
12. Participated as invited faculty in MIDCON IASO 2022 at Shillong on 25 - 27 Mar 2022

Dr Dillip Kumar Muduly:

1. Participated as Expert Member in Technical Committee meeting for rolling out Cancer Registry (HBCR & CBCR) in Odisha at Directorate of Public Health, HOD Building, Govt. of Odisha on 30 Dec 2021
2. Virtually attended the weekly Chestwall Perforator Flap Web Series organised by ABSICON in May 2021.
3. Participated as Examiner for the practical examination for DNB Superspeciality by National Board of Examinations, New Delhi in the specialty of SURGICAL ONCOLOGY held at Deenanath Mangeshkar Hospital, Pune, Maharashtra on 19-20 Jan 2022
4. Participated and presented virtually an oral presentation on the topic "Locally advanced breast cancer with ≤ 2 cm residual tumor after neoadjuvant chemotherapy have prognosis similar to early-stage breast cancer with ≤ 2 cm primary lesion" for "7th Edition of Year In Review Breast Cancer Conference from 10-15 Jan 2022 organised by Tata Memorial Hospital and Nag Foundation, Mumbai.
5. Participated virtually in "Year In Review: Gynecological Cancers" held on 18-19 Dec 2021 organized as a part of "Women's Cancer Initiative - Tata Memorial Hospital, Mumbai.
6. Participated as a member in the Technical Committee Meeting for Rolling Out Hospital Based Cancer Registry (HBCR) and Community Based Cancer Registry (CBCR) at Directorate of Public Health, Government of Odisha on 30 Dec 2021
7. Participated as a Scientific committee chairman in Biannual conference of Odisha Society of Oncology (OSOCON 2021) held on 14 Nov 2021 at Bhubaneswar
8. Participated as a Moderator in the session on "Multimodality management of Gastric Cancer" at Biannual conference of Odisha Society of Oncology (OSOCON 2021) held on 14 Nov 2021 at Bhubaneswar

Dr Mahesh Sultania:

1. Virtually attended Faculty Master Videos Neck Dissection (Head and Neck) at NATCON 2021 - 34th Annual Conference of Indian Association of Surgical Oncology (IASO) on 23-24 and 30-31 Oct 2021.
2. Virtually attended Panel Discussion on the topic "Borderline respectable oral cavity cancer" at NATCON 2021 - 34th Annual Conference of Indian Association of Surgical Oncology (IASO) - 23-24 and 30-31 Oct 2021.
3. Participated in Oral Presentation on the topic "Metronomic Therapy in Oral cancer" at Faculty Monthly Meet conducted by AIIMS Bhubaneswar Research Forum on 30 Mar 2022.
4. Virtually participated Poster Presentation on the topic "Triple Positive Oral Squamous Cell Carcinoma Patients Show Poorer Survival" organised by ACS Clinical Congress on 23 - 27 Oct 2021.
5. Virtually participated Poster Presentation on the topic "Validation of Clinical Measurement of Depth of Invasion for Tumor Staging in Oral Cancer patients according to 8th AJCC" in 21st Annual conference Foundation of Head and Neck Oncology (FHNO 2021) at Thiruvananthapuram, Kerala, held on 10 - 12 Dec 2021.
6. Attended the Midterm Annual Conference of IASO - MIDCON IASO Shillong - 26 - 27 Mar 2022.

Dr Raghuram K:

1. Participated as panelist in Management of axillary Breast Cancer at Midterm Annual Conference of IASO - MIDCON IASO Shillong - 26 - 27 Mar 2022.

PATIENT CARE / HOSPITAL SERVICES

1. Surgical Oncology OPDs are running 2 days a week (Tuesday & Thursday) and dedicated organ-based cancer clinics running 4 days a week. Head & Neck cancer (Monday), Thoracic Oncology, Upper GI & HPB (Tuesday), Breast & Gynae Oncology, Colorectal cancer (Wednesday), Breast cancer, Bone & Soft tissue tumour clinic (Friday).
2. A total of 8064 patients (New-2378 & Old-5686 patients) have consulted in OPD during the period and 380 major complex surgical procedures have been carried out under general anaesthesia in spite of COVID-19 pandemic

3. Dedicated Surgical Oncology OT is functional on 5 days a week for surgical procedures under general anesthesia.
4. One dedicated minor OT is running on all OPD days in OPD area for biopsy and surgery under local anesthesia.
5. Follow up clinics for all operated patients are being conducted in every day in Follow-up Clinics

TRANSFUSION MEDICINE

FACULTY

Associate Professor & HOD	Dr Somnath Mukherjee
Assistant Professor	Dr Satya Prakash
	Dr Ansuman Sahu
	Dr Debasish Mishra

HIGHLIGHTS

Department of Transfusion Medicine was established with a Blood Storage Unit in 2014. The Department is now well equipped and fully functional with the facility to provide all the blood components round the clock to patients of AIIMS, Bhubaneswar, and patients of other hospitals in Odisha. The Department also started M.D in Transfusion Medicine in Jul 2019 and to date, all the post-graduate seats were occupied, and Six students are pursuing the course. Presently the department is collecting blood from both in-house donations as well as by conducting blood donation camps in the department. Since safe blood transfusion is the first and foremost priority for the department, we are screening for the transfusion-transmitted infections by fully automated Chemiluminescent-based analyser. The Department also had a fully automated Immunohematology analyser to perform various task like blood grouping, Coombs test and Cross-matching. The department also regularly observes World Blood Donor Day and World AIDS Day, National Blood Donor Day each year by conducting camps and creates awareness on blood donation and blood safety by conducting and participating in CMEs in the Institute. Blood components like Packed red cell, Platelet concentrates, FFP, cryoprecipitate are readily available for the patients. Besides, the department is also providing various specialised blood components like pediatric units, leukodepleted packed red cells, and saline washed red cells. Apheresis facility is available for Single donor platelet concentrate collection as well as for other therapeutic apheresis procedures for use in different clinical conditions. Therapeutic apheresis like therapeutic plasmapheresis, leukapheresis, and erythrocytapheresis are being performed as indicated in different clinical conditions. The department has also been established as a referral centre of immunohematology services and many unresolved cases of immunohematology are now referred to the department for resolution.

EDUCATION

The Departmental faculties are involved in the teaching of undergraduate MBBS students of 4th and 6th semester, second-year BSc (nursing) and second-year BSc Medical Laboratory Technology students. Faculty members are also engaged in the teaching of postgraduate residents of Transfusion Medicine, Pathology and Clinical Hematology who come on a rotation basis. Presently, Six postgraduate residents are continuing M.D. degree in Transfusion Medicine. The Department conducts Journal Club and seminar twice weekly along with bench side teaching exercises on regular basis. The department has taken initiation to start a blood centre technician course for DMLT and BSc MLT passed out students.

CONFERENCES / CME / WORKSHOP ATTENDED & LECTURE DELIVERED / PAPER PRESENTED

Dr Somnath Mukherjee

1. Attended and presented an oral presentation on "Comparative evaluation of efficacy and safety of automated versus manual red cell exchange in Sickle cell Disease: A systematic review and meta-analysis" in the 3rd joint AABB and AATM Virtual congress on 4 Dec 2021.
2. Attended and invited as a speaker on a debate topic "Should reporting under hemovigilance program of India be mandatory or voluntary?" on National Hemovigilance conference on 9 Dec 2021 (Virtual Conference).
3. Attended and invited as a speaker on panel discussion "Ethical and medicolegal issues related to blood donation" in Virtual CME on Current Practices of Blood Donor Management Blood Safety and Quality on 26 Mar 2022, Organised by AIIMS, New Delhi.

Dr Satya Prakash

1. Attended and presented an oral presentation on "Efficacy of therapeutic plasma exchange in severe COVID-19 disease: a meta-analysis." in the National Conference of Indian Society of Transfusion Medicine, TRANSMEDCON, 2021 virtually on 18 Dec 2021.
2. Attended the Good Clinical Training Program organized by AIIMS, Deoghar on 26 Oct 2021.

3. Participated in the Workshop on Stepwise Access to Safe Plasma Proteins in Resource Constrained Countries: Local Production & Pathways to Fractionation organised by International Society of Blood Transfusion on 21-23 Sep 2021.
4. Attended Virtual CME on Current Practices of Blood Donor Management Blood Safety and Quality on 26 Mar 2022

Dr Ansuman Sahu

1. Attended 3rd joint AABB and AATM Virtual congress, 3-4 Dec 2021
2. Attended the National Conference of Indian Society of Transfusion Medicine, TRANSMEDCON 2021 virtually 17-18 Dec 2021
3. Attended Virtual CME on Current Practices of Blood Donor Management Blood Safety and Quality on 26 Mar 2022

Dr Debasish Mishra

1. Attended the virtual CME on "Blood Safety and Quality: Current Practices of Blood Donor Management" organised by Department of Transfusion Medicine, All India Institute of Medical Science (AIIMS), New Delhi, India on 26 Mar 2022.

PATIENT CARE / HOSPITAL SERVICES

Hospital activity:

1. Blood Collection and Blood donation camp:

The department had screened 13139 blood donors and collected 10867 units of whole blood from Apr 1st 2021 and till 31st Mar 2022 through in-house blood donation. The department is regularly conducting blood donation camps in the campus to create awareness on safe and voluntary blood donation and the importance of blood and blood products. The department has conducted six (06) Blood Donation camps. We have reported 54 adverse donor reactions to the hemovigilance programme of India in this session, mostly of mild syncopal events.

2. Cross Match and Issue of blood and blood component:

From Apr 1 2021, to 31st Mar 2022, a total of 28391 blood components were prepared. In this session, a total of 16812 units of Red cell components were cross-matched, and 20038 units of all blood components were issued to patients belonging to different clinical disciplines. Moreover, a total of 366 blood components were also utilized for quality control purposes. Department is in the process of procurement of blood irradiator for the purpose of irradiation of various blood components like granulocyte product and blood components transfusion in stem cell transplant patients to prevent transfusion-associated graft-versus-host disease.

3. Laboratory diagnostic workup:

The department is also conducting routine blood grouping for both the patients as well as donors regularly. Till 2022, Mar 31, a total of 27679 blood groupings were done, including both patients and donors. The department also performs extended Rh typing in some special cases. Besides this, the department also regularly performs special diagnostic tests, especially the coombs test (both Direct and Indirect). From Apr 2021 till Mar 2022, a total number of 2056 Direct Coombs Test (DCT) were performed, and the total number of indirect coombs tests (ICT) performed were 1698. The department is also conducting serial titre of ICT + ve cases whenever it is indicated. The department is equipped with rare antisera and other reagents and had also routinely providing immune-hematological services like antibody screening, identification, and antigen typed and matched Packed red cells to alloimmunised needy patients, and a total of 241 complete I.H. workup were done. A total of 50 transfusion-related adverse events were reported in this session and I.H. workup for the same depicted non-hemolytic, mostly allergic, or febrile non-hemolytic type of transfusion reaction. To prevent this adverse reaction, the department also started providing leukoreduced and saline-washed red blood cells to the special category of patients. In- future department has a plan to begin molecular HLA typing and thus facilitating solid and bone marrow transplant services. In addition, the department is also on the process of starting the Platelet function test by platelet aggregometer to diagnose functional defects in platelet aggregation and assessing dose-response of aspirin. Blood grouping and antigen typing for multi-transfused patients is also done in patients when serological test gives inconclusive result.

4. Transfusion Transmitted Infection testing services:

Department is doing the Transfusion Transmitted Infections testing on advanced fully automated chemiluminescence platform to decrease the time of testing as well as workload. The donated blood units were regularly tested for: HBsAg, Anti-HCV, Anti-HIV, Syphilis on chemiluminescence for all except malaria (Rapid). Till Mar 2022, a total of 10920 units

of blood have been tested for the above five mandatory infectious disease markers. Department has finalized the process of procurement of Nucleic acid testing (molecular testing for TTI) for the screening of donated blood for mandatory testing of infectious diseases.

5. Apheresis services:

- Apheresis Donation:
 - o Single donor platelet by apheresis (SDAP): Till Mar 2022 the department has also collected 54 SDAP with apheresis cell separator and providing apheresis blood component services required mainly for leukaemia and other haematological indications.
- Therapeutic Apheresis Services
 - o Therapeutic plasma exchange (TPE): Till Mar 2022, The department had performed a total of Eight TPE procedure in both adult and paediatric patients
 - o Therapeutic Red cell exchange: The Department had also performed 6 prophylactic, therapeutic red cell exchange procedure successfully in patients of sickle cell disease posted for routine surgery.
 - o Therapeutic thrombocytapheresis: Total of 2 patients undergone emergency lifesaving thrombocytapheresis post-splenectomy

6. Coagulation and Platelet Aggregation studies:

The department also have Coagulation analyser ECL 760 in the quality control laboratory for checking the quality of Fresh Frozen Plasma and cryoprecipitates. It can perform coagulation factor estimation as well. The department has initiated platelet aggregation studies by Platelet aggregometer PAP 8E.

AWARDS, HONOURS & SIGNIFICANT EVENTS

1. Dr Somnath Mukherjee, Additional Professor, has received best poster award in patient safety category on Annual Research Day, AIIMS Bhubaneswar on 21 Sep 2021
2. Dr Somnath Mukherjee, Additional Professor, has received J.R. Jolly award from the Indian Society of Blood Transfusion and Immunohematology (ISBTI) for the contribution to the field on 13 Feb 2022

TRAUMA AND EMERGENCY

FACULTY

Professor & I/c Head	Dr Tushar S. Mishra (General Surgery)
Associate Professor	Dr Chitta Ranjan Mohanty (Anaesthesia/Emergency Medicine)
	Dr Upendra Hansda (Anaesthesia/Emergency Medicine)
Assistant Professor	Dr Sangeeta Sahoo (Anaesthesia/Emergency Medicine)
	Dr Satyabrata Guru (General medicine/Emergency Medicine)
	Dr Sadananda Barik (Pulmonary medicine/Emergency Medicine)
	Dr Chinmaya Dash (Neurosurgery)
	Dr Boyina Kiran Kumar (Maxillofacial surgery)
	Dr Ritesh Panda (Burns and Plastic surgery)
	Dr Saroj Kumar Patra (Orthopaedics)
	Dr Ajitesh Sahu (Anaesthesia)
	Dr Subhashree Das (Anaesthesia)
	Dr Saroj Kumar Sahoo (Cardiology)

HIGHLIGHTS

The Department of Trauma and Emergency has thirteen faculty members of various broad and super specialities. It has provided acute and resuscitative care to more than 44000 emergencies, including medical, surgical and trauma patients, in the year 2021-22. The department provided comprehensive care and management from the Emergency Room through Operation theatre till discharge, for the emergency close to 700 General Surgical, Neurosurgical, Orthopaedic, Plastic surgical and Maxillofacial cases. With the joining of faculty in discipline of Cardiology, the Department has started providing comprehensive care for all cardiac emergencies as well.

It also effectively managed seven incidences of mass casualties, including burns, bus accidents etc.

(A dedicated 85-bedded Trauma care building is in its final stages of construction to cater to the growing need for the trauma care in this part of the country).

The "Screening Desk" initiated by the department took the responsibility of screening all patients coming into the casualty for segregating COVID suspects from the Non-COVID patients. The Department took charge of a 16-bedded SARI (Severe Acute Respiratory Illness) ward and I.C.U., which served as a gateway of all COVID suspect patients. It provided the acute care management before they could be objectively segregated to COVID positive or negative by RTPCR.

CONFERENCES/CME/WORKSHOP ATTENDED & LECTURE DELIVERED/ PAPER PRESENTED

Dr Upendra Hansdah

1. Faculty during Internship orientation program held on 11-12 Feb 2022 as a member of the Medical Education Unit at AIIMS Bhubaneswar.
2. Invited as Faculty during the workshop on "Unit management for Senior Nursing Officers" on 28 Feb 2022 at AIIMS Bhubaneswar. I conducted a session on "Team management and leadership".
3. Conducted "Basic Life Support" workshop for first-year MBBS students during Foundation course from 1-5 Mar 2022 as a member of the Medical Education Unit.
4. Assigned as a member of the Human Resource Development Cell of the Institute.

Dr Sangeeta Sahoo :

1. Participated in Faculty Development Program: Research Methodology and Biostatistics on 17-18 Jul 2021
2. Participated in Faculty Development Program: Sample Size Calculation in Biomedical Research on 25 Sep 2021
3. Presented my paper, Macintosh laryngoscope with king vision video laryngoscope for endotracheal intubation using a COVID-19 barrier box: A Randomized Control Trial in poster presentation on 9th annual day and first research day of AIIMS BBSR on 21 Sep 2021

4. Presented my original study "Macintosh laryngoscope with king vision video laryngoscope for endotracheal intubation using a COVID-19 barrier box: A Randomized Control Trial" in Research Forum of AIIMS Bhubaneswar on 29 Jun 2021.
5. Faculty in BLS training of 7th semester student in WISEN-2021 as Faculty on 25 Sep 2021
6. National speaker and presented my research paper, Point of care versus central laboratory measurements of electrolytes and hemoglobin: a prospective observational study in critically ill patients in a tertiary care hospital at EM-INDIA 2021 on 20 Dec 2021.
7. Participated the virtual world academic congress of Emergency Medicine (WACEM 21) in Dec 2021.

Dr Satyabrata Guru :

1. Attended training program on Research methodology and Basic Biostatistics at AIIMS Bhubaneswar on 17th and 18 Jul 2021 and completed the course successfully.
2. Attended training program on Sample size calculation on 25 Sep 2021 at AIIMS, Bhubaneswar.
3. As a faculty in BLS workshop on 24 -25 Sep 2021 at National level Annual workshop event WISEN 4.0 at AIIMS, Bhubaneswar and delivered lectures.

Dr Sadananda Barik:

1. Attended annual chest conference NAPCON 2021 held at Varanasi from 31 Mar to 3 Apr 2022.

Dr Chinmaya Dash :

1. Participated as an invited faculty in the AIIMS Annual Microsurgery workshop held from 31 Mar 2021 at AIIMS New Delhi

Dr Kiran Kumar Boyina

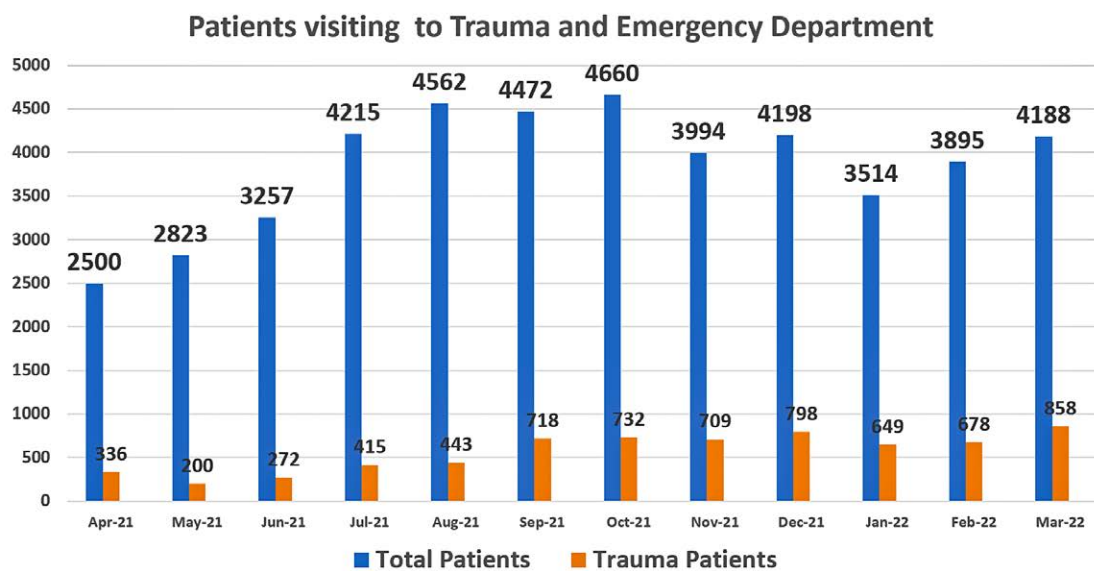
1. Attended an online course on "Literature Search and Use of Reference Managers" organized by the Department of Clinical Research, Sibar Institute of Dental Sciences, Guntur, Andhra Pradesh, India on 13 & 14 Aug 2021.
2. Presented a poster titled Facial Reconstruction Technology: 3 D printed titanium implants for orbit, baby steps for the paradigm shift in the future of facial reconstruction at 9 th Annual Day, AIIMS Bhubaneswar on 21 Sep 2021.
Got 3rd prize for the same under faculty intramural research category.
3. Presented in the monthly faculty presentation, under research in progress category. Title: Surgical Correction of Craniofacial Fibrous Dysplasia Involving Orbits: A Unique Application of Patient- Specific Implants, on 23 Nov 2021, at AIIMS, Bhubaneswar.
4. BLS instructor for BLS training program in AIIMS, Bhubaneswar.
5. Attended 3D Reconstruction of Severe Defects with National Osteology Group UK- Osteology Foundation (Online) – 22 Mar 2022.
6. Presented a prize paper presentation on the title: Patient-specific implants (3 D printed) in craniofacial bony defects at a National AOMSI conference, held at TMA Pai international convention centre, Mangalore, 20-24 Dec 2021- Contributed as a Chairperson during a scientific session.
7. Attended Surgery First Approach for Orthognathic Procedures: Its Clinical Advantages and Scientific Backgrounds (Online)- SORG- (Strasbourg Osteosynthesis Research Group) – 30 Mar 2022.

Dr Ritesh Panda:

1. Attended Faculty Development Programme on "Research Methodology and Basic biostatistics" on 17-18 Jul 2021 at AIIMS, Bhubaneswar.
2. Attended Faculty Development Programme on "Sample size calculation in Biomedical Research" on 25 Sep 2021, at AIIMS, Bhubaneswar.
3. Attended online "55th Annual conference of Association of Plastic Surgeons of India- APSICON 2021(virtual conference)" on 22-24 Oct 2021 and presented a paper titled "A novel prefabricated patient-specific titanium cranioplasty: reconsideration from a traditional approach."

Dr Saroj Kumar Patro:

1. Presented a paper on 'Different fixation techniques in A.C.L. reconstruction' in the annual arthroscopy conference cum webinar organized by Odisha arthroscopy society on 10 Oct 2021.



UROLOGY

FACULTY

Additional Professor and HOD	Dr Prasant Nayak
Assistant Professor	Dr Swarnendu Mandal
	Dr Manoj K Das
	Dr Sambit Tripathy

HIGHLIGHTS

We are the only centre in Eastern India performing all advanced laparoscopic procedures including Laparoscopic Radical Cystectomy, Prostatectomy and Partial Nephrectomy. Very soon we are going to start Renal Transplantation at AIIMS, Bhubaneswar. The department started in the year 2016 and Mch training was started in 2018. We are currently training three Mch students per year and our first batch of Mch student passed in 2021.

EDUCATION

At present the department teaches Mch, MBBS, Nursing and OT technicians. All theory and clinical classes are being conducted. Regular theory and practical examinations are being conducted.

CONFERENCES / CME / WORKSHOP ATTENDED & LECTURE DELIVERED / PAPER PRESENTED

Dr Prasant Nayak:

1. Participated as Faculty in East Zone (EZUSICON-2021), Kolkata and presented Extra-Vesical Repair of Vesico-Vaginal Fistula – A Preliminary Report on 22-24 Oct 2022.
2. Participated as Faculty in East Zone (EZUSICON-2021), Kolkata and presented Invited Lecture in Annual EZUSI Symposium - Immediate Management of Pelvic Fracture associated Urethral Injury (PFUI) on 22-24 Oct 2022.
3. Participated as Faculty in USICON 2022 and presented Technical Nuances in Proximal Stump in PFUI – Invited Lecture in Symposium on 20-23 Jan 2022.
4. Participated as Faculty in USICON 2022 and was Selected member in Collaborative Research Committee (CRC) of Urological Society of India (USI) on 20-23 Jan 2022.
5. Participated as Faculty in USICON 2022 and presented The Scope of Clinical Audit in Indian Urology on 20-23 Jan 2022.

Dr Swarnendu Mandal:

1. Participated as Faculty in EZUSICON 2021 and presented complications following Pelvic Lymph node dissection in consecutive Fifty Laparoscopic Radical Cystectomy on 22-24 Oct 2022.
2. Participated as Faculty in NZUSICON 2021 and Received First prize in Complication in Urology, NZUSICON 2021 - Case based discussion for my paper titled "Inadvertent Ureteric Injury during laparoscopic Radical prostatectomy; How we managed" on 17-19 Dec 2022.
3. Participated as Faculty in NZUSICON 2021 and received Second prize in NZ GOT TALENT for paper titled "Role of Abiraterone plus Prednisolone with Androgen deprivation therapy (ADT) versus ADT alone in Hormone sensitive metastatic carcinoma prostate in Indian Men. Will it be a "ME TOO study" to the "LATITUDE Trail"?" on 17-19 Dec 2022.
4. Participated as Faculty in NZUSICON 2021 and presented Outcomes of Staged Repair of Adult Peno-Scrotal Hypospadias with Buccal Mucosa in Stage One and Tunica Vaginal Flap as Second Layer in Stage Two on 17-19 Dec 2022.
5. Participated as Faculty in NZUSICON 2021 and presented Ventral-inlay (VI) versus Dorsal-onlay (DO) buccal mucosal graft urethroplasty (BMGU) in female urethral stricture disease (USD), A randomized trial on 17-19 Dec 2022.

Dr Manoj Kumar Das:

1. Participated as Faculty in USICON 2022, presented in Prize Session titled "Modified Laparoscopic Extravesical Supratrigonal Vesico-vaginal Fistula Repair-A video demonstration".

2. Participated as Faculty in USICON 2022 and presented Recurrence after Vi BMGU in Female Urethral Stricture Disease on 20-23 Jan 2022.
3. Participated as Faculty in Annual academic meet (USO) 2022 and presented Extraperitoneoscopic Simple Nephrectomy- A Video Demonstration.
4. Participated as Faculty in Annual academic meet (USO) 2022 and presented Lap. Radical Prostatectomy – Our initial Experience

PATIENT CARE / HOSPITAL SERVICES

We are the only centre in Eastern India performing all advanced laparoscopic procedures including Laparoscopic radical cystectomy, Prostatectomy and Partial nephrectomy. We are routinely performing other high end endourological procedures along with reconstructive urology and vascular access surgeries.

We are ably competing with other INI's in the country in all aspects.

We are successful running our OPD from 8 am to 5 pm on three days in a week with a minor OT attached to our OPD. We are running our modular OTs five days' week and minor OT on from Monday to Saturday successfully. We are about to start renal transplantation soon.

Academic schedule

Monday 4.30 to 5.30 pm; Case Presentation

Wednesday 4.30 to 5.30 pm; Journal club.

Friday 4.30 to 5.30 pm; Operative chat

Saturday 9.30 -11.30 am Grand Round

12.00-1.30 pm; Seminar

OPD: Monday, Wednesday, and Friday

Speciality clinic (2pm -4 pm); Wednesday; Reconstructive Urology and Andrology clinic

Thursday; Uro-oncology clinic

OT; GA: Monday to Friday

OT: Local: Monday to Saturday

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SECTION - 3

RESEARCH

PROJECTS

ANESTHESIOLOGY & CRITICAL CARE

Funded Projects:

Completed:

1. Title of the project - Study of Microbiological Etiology of Severe Community Acquired Pneumonia with special emphasis on viruses and atypical bacteria and its association with Mortality
Name of the Principal Investigator - Dr Suma Rabab Ahmad
Funding agency - AIIMS, Bhubaneswar,
Duration: 2 years, Start year: 2019,
Funds – INR 4,94,674
IEC approval number: T/IM-F/18-19/42
2. Title of the project - Effect of combination of N-acetylcysteine and magnesium sulphate as an adjuvant in the management of organophosphorus poisoning: A Randomized clinical trial.
Name of the Principal Investigator - Dr Jayanta Kumar Mitra,
Funding Agency- AIIMS, Bhubaneswar,
Duration: 2 years, Start Year: 2019,
Funds - INR 3,58,800,
IEC Approval No: T/IM-F/18-19/03
3. Title of the project - Comparison of analgesic efficacy of continuous intravenous infusion versus intermittent intravenous boluses of paracetamol in postoperative pain relief following laparoscopic cholecystectomy: A randomized controlled trial.
Name of the Principal Investigator: Dr Aparajita Panda,
Funding agency - AIIMS, Bhubaneswar,
Duration: 2 years, Start year: 2018,
Funds - INR 1,70,000,
IEC approval number: IMF/10/2018

Ongoing:

1. Title of the project – The effect of continuation vs withholding of ACEI/ARBs on major cardiovascular outcomes in patients undergoing non-cardiac surgery: A randomized controlled trial
Name of the Principal Investigator – Dr Satyajeet Misra,
Funding agency – ICMR,
Duration: 3 years, Start year: 2022
Funds - INR 70,00,000,
IEC approval number: T/EMF/Anesth/20/10
2. Title of the project - 'A study of the Quality of Care in Six ICUs in Asia"
Name of the Principal Investigator – Dr Swagata Tripathy
Funding agency-Wellcome trust-MORU
Duration: 1 year, Start year: 2022,
Funds - INR 45,00,000,
IEC approval number: T/EMF/Anesthesiology/21/51.
3. Exploring the effects of probiotic formulation (resB Lung Support) on gut-lung axis in elderly pneumonia patients: an RCT
Name of the Principal Investigator - Dr Jayanta Kumar Mitra,
Funding agency - ResBiotic, Brimingham, Alabama, USA,
Duration: 2 years, Start year: 2022,
Funds - INR 25,00,000,
IEC approval number: T/EMF/Anesth/21/71
4. Title of the project – Effect of dexmedetomidine on neuronal apoptosis markers in patients with subarachnoid hemorrhage undergoing surgery in comparison to placebo: a randomized clinical control trial.
Name of the Principal Investigator - Dr Nitasha Mishra

Funding agency – AIIMS, Bhubaneswar,
Duration; 2 years, Start year; 2021,
Funds - INR 3,00,000,
IEC approval number: T/IM-F/20-21/24

5. Title of the project - Wellcome Trust- Oxford MORU collaborative project – Critical Care Asia Network- Regional centre and coordinator for the IRIS critical care Registry
Name of the Principal Investigator – Dr Swagata Tripathy
Funding agency - Wellcome trust-MORU,
Duration; 3 years, Start year; 2020,
Funds - INR 42,00,000,
IEC approval number: T/EMF/Anaesth/19/08
6. Title of the project - NHM AIIMS Extramural Project- Home rehabilitation of chronically ill ICU patients.
Name of the Principal Investigator – Dr Swagata Tripathy
Funding agency – NHM,
Duration; 2 years, Start year; 2020,
Funds - INR 60,00,000,
IEC approval number: T/EMF/Anaesth/20/53

Departmental:

Completed:

1. Title of the project - Comparison of the intraoperative blood loss and postoperative pain in single level Oblique Lumbar Interbody Fusion (OLIF) versus Transforaminal Lumbar Interbody Fusion (TLIF) procedures
Name of Principal Investigator - Dr Suma Rabab Ahmad
Duration; 1 year, Start year; 2021
IEC approval number; T/IM-NF/Anesth/21/73
2. Title of the project - Effects of preemptive tapentadol combined with ipsilateral pectoral nerve blocks on postoperative analgesia in patients undergoing modified radical mastectomy: a prospective randomized controlled trial
Name of the Principal Investigator - Dr Sritam Swarup Jena
Duration; 2 years, Start year; 2020
IEC approval number; IEC/AIIMS BHUBANESWAR/PG Thesis/2020-21/42
3. Title of the project - Evaluation of ultrasound parameters in predicting difficult airway – an observational study.
Name of the Principal Investigator - Dr Aparajita Panda
Duration; 2 years, Start year; 2020
IEC approval number; IEC/AIIMS-BHUBANESWAR/PG Thesis/2020-21/42
4. Title of the project - Effect of ketofol vs propofol on the stimulus dose for seizure in patients undergoing electroconvulsive therapy: a randomized controlled trial
Name of the Principal Investigator - Dr Nitasha Mishra
Duration; 2 years, Start year; 2020
IEC approval number: IEC/AIIMS BHUBANESWAR/PG Thesis/2020/09/027921
5. Title of the project - The effect of four different blind techniques of i-gel insertion in paediatric patients by anesthesia trainee residents on device position and performance, a single blinded prospective controlled trial
Name of the Principal Investigator - Dr Bikram Kishore Behera
Duration; 2 years, Start year; 2020,
IEC approval number: IEC/AIIMS BHUBANESWAR/PG Thesis/2020-21/47
6. Title of the project - Effect of dexmedetomidine vs subanaesthetic Ketamine infusion on postoperative cognitive functions in patients undergoing major abdominal surgeries: a randomized controlled trial
Name of the Principal Investigator - Dr Prasanta Kumar Das
Duration; 2 years, Start year; 2020,
IEC approval number: IEC/AIIMS BHUBANESWAR/PG Thesis/2020-21/29
7. Title of the project - Effect of intraoperative dexamethasone on arterial blood lactate levels in patients undergoing craniotomy: a prospective double-blinded randomized controlled trial
Name of the Principal Investigator - Dr Swagata Tripathy

Duration; 2 years, Start year; 2020,
IEC approval number: IEC/AIIMS BHUBANESWAR/PG Thesis/2020-21/64

8. Title of the project - Comparison of blind technique with direct and video laryngoscope guided laryngeal mask airway insertion techniques in pediatric population - A Prospective Randomized Study.
Name of the Principal Investigator - Dr Bikram Kishore Behera
Duration; 2 years, Start year; 2019,
IEC approval number: T/IM-NF/Anaesth/18/60
9. Title of the project - Development and validation of an institutional surgical safety check list
Name of the Principal Investigator - Dr Jayanta Kumar Mitra
Duration; 1 year, Start Year; 2019,
IEC approval number: T/IM-NF/Anaesth/18/68
10. Title of the project - Epidemiology, diversities and difference in regional Anaesthesia Practices in eastern India.
Name of the Principal Investigator: Dr Neha Singh
Duration; 1 year, Start year; 2019,
IEC approval number: T/IM-NF/Anaesth/19/31

Ongoing:

1. Title of the project - Predictive value of leucoglycaemic index on major adverse outcomes in patients undergoing craniotomy: A prospective observational study.
Name of the Principal Investigator - Dr Satyajeet Misra
Duration; 1 year, Start year; 2022,
IEC approval number: IEC/AIIMS BBSR/PG thesis/2022-23/69
2. Title of the project - Transesophageal echocardiography guided evaluation of the depth of insertion of central venous catheters using the Peres' formula of a bronchoscopy based carinal measurement technique: A prospective randomized study
Name of the Principal Investigator - Dr Satyajeet Misra
Duration; 1 year, Start year; 2022,
IEC approval number: T/IM-NF/Anesth/21/173
3. Title of the project - Effect of preoperative oral administration of simple carbohydrate drink versus complex carbohydrate drink on gastric fluid volume assessed with the point of care ultrasonography in adults undergoing elective surgery, a randomized controlled non-inferiority trial.
Name of the Principal Investigator - Dr Bikram Kishore Behera
Duration; 1 year, Start year; 2022,
IEC approval number: T/IM/NF/Anesth/21/85
4. Title of the project - Accuracy of oscillometric blood pressure measurement at arm and ankle to detect hypotension in beach chair position for shoulder surgery under general anesthesia: A prospective observational study.
Name of Principal Investigator - Dr Aparajita Panda,
Duration; 2 years, Start year; 2022,
IEC approval number: IEC/AIIMS BHUBANESWAR/PG Thesis/2022-23/75
5. Title of the project - Incidence of catheter related bladder discomfort following surgery under general anesthesia in children and adolescents.
Name of Principal Investigator - Dr Alok Kumar Sahoo,
Duration; 2 years, Start year; 2022,
IEC approval number: IEC/AIIMS BHUBANESWAR/PG Thesis/2022-23/59
6. Title of the project - Association of preoperative diaphragm thickness fraction and postoperative pulmonary complications in adults undergoing major abdominal surgery: A prospective observational study.
Name of Principal Investigator - Dr Bikram Kishore Behera,
Duration; 2 years, Start year; 2022,
IEC approval number: IEC/AIIMS BHUBANESWAR/PG Thesis/2022-23/79
7. Title of the project - The effects of yogurt feeds on gut flora and secretory IgA in the respiratory tract in critically ill mechanically ventilated patients: an RCT
Name of the Principal Investigator - Dr Jayanta Kumar Mitra,
Duration: 2 years, Start year: 2021,

IEC approval number: T/EMF/Anesth/20/49

8. Problems in conduct of thesis by postgraduate medical students in India during covid 19 pandemic: A survey-based study of postgraduate medical students across India
Name of Principal Investigator – Dr Nitasha Mishra
Duration; 1 year, Start year; 2021,
IEC approval number: T/IM-NF/Anesth/21/50
9. Title of the project – Effect of clove oil gargle on the incidence and severity of postoperative sore throat following endotracheal intubation in adult patients undergoing surgery – a randomized placebo-controlled trial.
Name of Principal Investigator – Dr Sritam Swarup Jena
Duration; 2 years, Start year; 2021,
IEC approval number: IEC/AIIMS BHUBANESWAR/PG Thesis/2021-22/108
10. Title of the project – Nebulised gentamicin for reducing colonisation of tracheostomy tubes: from Neuro ICU to community: A double blind randomised controlled trial
Name of Principal Investigator – Dr Swagata Tripathy
Duration; 2 years, Start year; 2021,
IEC approval number: IEC/AIIMS BHUBANESWAR/PG Thesis/2021-22/81
11. Title of the project – The effect of pre-emptive versus post-surgery single dose intravenous dexamethasone on post-operative analgesia and recovery outcomes in women undergoing open total abdominal hysterectomy under spinal anesthesia: A randomized double-blind study.
Name of Principal Investigator – Dr Satyajeet Misra
Duration; 2 years, Start year; 2021,
IEC approval number: IEC/AIIMS BHUBANESWAR/PG Thesis/2020-21/71
12. Title of the project – A randomized controlled proof of concept trial of epidural morphine for lung protective ventilation in patients having high tidal volumes on pressure support ventilation.
Name of the Principal Investigator – Dr Swagata Tripathy
Duration; 2 years, Start year; 2021,
IEC approval number: IEC/AIIMS BHUBANESWAR/PG Thesis/2020-21/80
13. Title of the project – The comparison of the effect of low versus high FiO₂ during tracheal extubation on post-operative atelectasis by lung ultrasound: A randomized controlled study.
Name of the Principal Investigator – Dr Suma Rabab Ahmad
Duration; 2 years, Start year; 2021,
IEC approval number: IEC/AIIMS BHUBANESWAR/PG Thesis/2020-21/92
14. Title of the project – Jugular venous oximetry guided intraoperative management of patients with Aneurysmal Subarachnoid Haemorrhage for craniotomy and clipping: comparison and standard clinical care.
Name of the Principal Investigator – Dr Jayanta Kumar Mitra
Duration; 2 years, Start year; 2021,
IEC approval number: IEC/AIIMS BHUBANESWAR/PG Thesis/2021-22/38
15. Title of the project – Comparison of quadratus lumborum block and erector spinae plane block on post-operative analgesic effect in patients undergoing laparoscopic nephrectomy: A randomized controlled trial.
Name of Principal Investigator; Dr Jayanta Kumar Mitra
Duration; 2 years, Start year; 2021,
IEC approval number: IEC/AIIMS BHUBANESWAR/PG Thesis/2021-22/18
16. Title of the project – Correlation of perioperative HbA1c and gastric antral cross-sectional area in fasting diabetics undergoing elective surgeries: A prospective, cross sectional, observational study.
Name of Principal Investigator – Dr P Bhaskar Rao
Duration; 2 years, Start year; 2021,
IEC approval number: IEC/AIIMS BHUBANESWAR/PG Thesis/2021-22/13
17. Title of the project – Role of dexamethasone in preventing post-spinal hypotension in patients undergoing caesarean section – a randomized double blind controlled study.
Name of Principal Investigator – Dr Neha Singh
Duration; 2 years, Start year; 2021,
IEC approval number: IEC/AIIMS BHUBANESWAR/PG Thesis/2021-22/21

18. Title of the project - Parental Anxiety, whose children undergoing surgery, an observational study.
 Name of the Principal Investigator - Dr Alok Kumar Sahoo
 Duration; 3 years, Start year; 2018,
 IEC approval number: T/IM-NF/Anaesth/18/42

Collaborative
NIL

ANATOMY

Funded Projects

Ongoing:

1. Title of the project-Elucidation of the distribution pattern of human pancreatic islets (α - and β - cells) and association mapping with myosin-Va motor protein.
 Name of the Principal Investigator- Dr Pravash Ranjan Mishra.
 Duration - 3 years; Start year: 2020,
 Fund - INR 21,00,00 Funding agency: ICMR Extramural Ad-hoc projects
 IEC approval number: T/EMF/Anatomy/19/31

Non-funded project

Ongoing

1. Title of the Project- The occurrence of multiple intracranial osteomas in a cadaver with review. Name of the Principal Investigator - Dr Manisha R Gaikwad
 Duration 1 year; Start year : 2020
 IEC approval Number – T/IM-NF/Anatomy/20/193
2. Title of the Project – Correlation between Electro diagnostic test and the Immunohistochemically Analysis of Schwann cell in Brachial plexus injury.
 Name of the Principal Investigator - Dr Sanjukta saho
 Duration – 2 years; Start year- 2021
 IEC approval Number- T/IM-NF/Anatomy/20/175
3. Title of the Project: Comparative Morphometry of Sacrum and its Clinical Implication: Osteometry in Dry Bones and CT Scan Images in Patients Presenting with Lumbosacral Pathologies- A Retrospective Study
 Name of Principal Investigator - Dr Sanjukta Sahoo
 Duration – 1 year; Start year - 2021
 IEC approval Number-T/IM-NF/Anatomy/20/197

Departmental

1. Title of the project: Histogenesis of Human Foetal Liver with Special Histochemical and Selective Immunohistochemical Stains
 Name of the Principal Investigator - Dr P. R. Tripathy
 Duration: 3 years; Start year: 2018
 IEC approval number: IEC/AIIMS BBSR/PG Thesis/2018-19/18
2. Title of the project: Human Cardiomyocyte Proliferation in Fetuses: An Immunohistochemical Study with Phospho Histone H3 (PHH3)
 Name of the Principal Investigator - Dr Manisha R. Gaikwad
 Duration: 3 years; Start year: 2018
 IEC approval number: IEC/AIIMS BBSR/PG Thesis/2018-19/16

BIOCHEMISTRY

Funded Projects:

Completed

1. Title of the Project - Serum Versican level as a biomarker in patients with Uterine Fibroids in Eastern India
Name of the Principal Investigator - Dr Suchitra Kumari
Funding agency- ICMR STS Project 2020 Funds- INR 20,000
Duration : 6 months Start year: 2021
IEC approval number: IEC/AIIMS BBSR/STS/2020-21/02
2. Title of the project - Association of MMP 7 Promoter site single nucleotide polymorphism (181A/G) with clinical stages of Epithelial Ovarian cancer in coastal Odisha.
Name of the Principal Investigator- Dr Suchitra Kumari
Selected for "ICMR-financial assistance to MD/MS/DM/MCH/MDS thesis" (31st Dec 2019 batch) for ICMR Grant.
Funding agency - ICMR
Duration: two years; Start year: Aug 2019, Funds- INR 50,000
IEC approval number: IEC/AIIMS BBSR/PG THESIS/2019-20/18.
3. Title of the project- Flowcytometry based assay of platelet activation markers among type 2 diabetes mellitus subjects with and without depression.
Name of the Principal Investigator- Dr Gautam Kumar Saharia
Funding agency- ICMR
Duration: two years, start year: Aug 2019 Funds- INR 50,000.00
IEC approval number- IEC/AIIMS BBSR/PG Thesis/2019-20/19

Ongoing

1. Title of the project- Association of serum lysyl oxidase (LOX) levels, LOX gene polymorphism (G473A) and NK cell activity with diabetic nephropathy.
Name of the Principal Investigator- Dr Manaswini Mangaraj for MD Dissertation of Dr Gayathri Devi
Funding Agency- ICMR
Start year: 2019, Duration: 2 years Funds- INR 50,000.
IEC approval number- IEC/AIIMSBBSR/PG Thesis/2019-20/78
2. Title of the project: Anemia and iron status have unique gut microbiome signatures.
Name of the Principal Investigator- Dr Ramadass Balamurugan
Funding Agency: AIIMS-BBSR Intramural Fund
Duration: 2 years, Start Year: Feb 2019, Funding: INR 4,80,000.
IEC Approval Number: IMF/35/2018
3. Title of the project: What is the effect of dietary resistant Starch intervention on the colonic luminal environment and HIV-related immunity and is a feeding trial feasible in HIV-Positive adults in India?
Name of the Principal Investigator- Dr Ramadass Balamurugan
Funding Agency: Flinders University
Duration: 2 years, Start Year: Feb 2020, Funding: INR10,00,000.
IEC Approval Number: T/EMF/Biochem/19/04
4. Title of the project: An intergenerational nutritional supplementation approach for the establishment of a healthy microbiome in pregnant women (taking Iron supplementation) and her newborn in a low socio-economic cohort in Odisha.
Name of the Principal Investigator- Dr Ramadass Balamurugan
Funding agency: SERB, Govt of India
Duration: 3 years; Start year: 2020, Funds: INR.26,00,000.
IEC Approval Number: T/EMF/Biochem/19/23
5. Title of the project: CoVid-19 persistence and transmission among Visiting patients and health care workers within Tertiary care hospital in Odisha: A comprehensive immunophenotypic, genomic and metagenomic mapping approach.
Name of the Principal Investigator- Dr Ramadass Balamurugan
Funding agency: State DST, Odisha
Duration: 3 years; Start year:2021, Funds: INR 29,99,000
IEC Approval Number: T/EMF/Biochem/20/35

6. Title of the project- Evaluation of diagnostic efficacy of biomarkers from tumour derived exosomes in patients with Gastric adenocarcinoma- A Preliminary Study.
Name of the Principal Investigator- Dr Suchanda Sahu
Funding agency- AIIMS, Bhubaneswar
Duration: one year, start year: 2021, Funds- INR 5,00,000.
IEC approval number- T/IM-F/20-21/ 15
7. Title of the project- Study to assess the presence of heavy metals in urine and hair of patients of attention deficit hyperactivity disorder at a tertiary care hospital in eastern India.
Name of the Principal Investigator- Dr Suchanda Sahu
Funding Agency- ICMR
Start year: 2019, Duration: 2 years Funds- INR 50,000.
IEC approval number- IEC/ AIIMS BBSR/ PG Thesis/ 19- 20/ 01
8. Title of the project- Diagnostic efficacy of circulating microRNAs 27a, 122, 155 in detecting early breast cancer.
Name of the Principal Investigator- Dr Suchanda Sahu
Funding Agency- ICMR
Start year: 2019, Duration: 2 years Funds- INR 50,000.
IEC approval number- : IEC/ AIIMS BBSR/ PG Thesis/ 2021-22/ 32.
9. Title of the project "Study of serum levels of vitamin A, adenosine deaminase and lactate dehydrogenase during the course of pulmonary tuberculosis treatment",
Name of the Principal Investigator: Dr Debapriya Bandyopadhyay
Funding agency: AIIMS BBSR Institute Intramural Research Grant.
Duration, start year: 2020 Funds: INR 3,87,237
IEC approval: T/IM-F/20-21/05
10. Title - Developing a biomarker-based prediction tool using artificial intelligence algorithm for detecting Epithelial Ovarian Cancer among patients presenting with ovarian mass.
Name of the Principal Investigator- Dr Suchitra Kumari
Funding agency - DST, Govt. of Odisha
Duration: 3 years; Start year: 2020, Funds - INR 9,91,000.
IEC approval number: T/EMF /Biochem/18/37.
11. Title- Hospital based study to evaluate the serum mi RNA 200 a, mi RNA 200 b and mi RNA 200 c expression as a potential biomarker in Epithelial ovarian cancer patients.
Name of the Principal Investigator -Dr Suchitra Kumari
Funding agency- IRG AIIMS Bhubaneswar.
Duration: 1 year; Start Year: 2021, Fund - INR 4,65,000
IEC approval number: T/IM-F/20-21/01
12. Title - Tissue Inhibitor of Metalloproteinase 2 (TIMP 2) Promoter 418 G > C Polymorphism & serum TIMP 2 levels in non-alcoholic fatty liver disease (NAFLD)
Name of the Principal Investigator- Dr Suchitra Kumari
Funding Agency- ICMR
Duration: 2 years; Start year: 2021 Funds: INR 50,000
IEC approval number: IEC/AIIMS-BBSR/PG-Thesis/2021-22/54
13. Title of the project: Efficacy of Curcumin on reduction of immunosuppressive states of peripheral lymphocytes extracted from oral squamous cell cancer patients-An in-vitro study
Name of the Principal Investigator - DrPrakruti Dash
Funding Agency; AIIMS, Bhubaneswar
Duration: 3 years; Start Year: 2020, Funds INR 3,35,000
IEC Approval Number- T/IM-F/Biochem/19-20/6
14. Title of the project- Screening Programme for Primary Immunodeficiency Diseases in a tertiary healthcare centre of Eastern India
Name of the Principal Investigator- Dr Gautam Kumar Saharia
Funding agency- AIIMS, Bhubaneswar
Duration: one year; start year: Dec 2020, Funds- INR 4,95,000.
IEC approval number- T/IM-F/20-21/09

15. Title of the project- Flow cytometric assessment of blood lymphocyte subpopulation and their correlation with urinary cytokines in pediatric patients of Idiopathic Nephrotic Syndrome in relation to steroid therapy
Name of the Principal Investigator- Dr Gautom Kumar Saharia
Funding agency- ICMR
Duration: two years; start year: 2021, Funds- INR 50,000.00
IEC approval number- IEC/AIIMS BBSR/PG Thesis/2021-22/60.
16. Title of the project- Study on Polio and Non-Polio enterovirus infections in patients with Primary Immunodeficiency Disorders (PIDs) at multiple medical institutes across India - Phase II
Name of the principal - Dr Gautom Kumar Saharia
Funding agency- WHO
Duration: two years, Start year: Jan 2022, Funds- INR 1,79,74,158
IEC approval number- T/EMF/ Biochem/21/42

Non- Funded Projects:

Departmental

Completed

1. Title of the project- Evaluation of Serum Vitamin B12 and its correlation with CD4 count and clinico-biochemical variables in treatment naïve HIV positive patients.
Name of the Principal Investigator- Dr Manaswini Mangaraj
Start year: 2018; Duration:2 years
IEC Ref No- IEC/AIIMS BBSR/PG Thesis/2018-19/14
2. Title of the project- Evaluation of Ferritin and Anti Thyroid peroxidase antibody levels in newly diagnosed cases of Hypothyroidism
Name of the Principal Investigator- Dr Gautom Kumar Saharia
Duration: one year, start year: Oct 2019
IEC approval number- T/IM-NF/Biochem/19/26

Ongoing

1. Title of the project- Association of Serum MMP-7, TGF- β levels and MMP-7 promoter site single nucleotide polymorphism(181A>G) with risk of Diabetic nephropathy"
Name of the Principal Investigator- Dr Manaswini Mangaraj
Start year :2022; Duration:2 years
IEC approval number- IEC/AIIMS BBSR/PG Thesis/2021-22/93)
2. Title of the project- In-vitro experiment to study the effect of glycation on urine albumin estimation by immunoassay.
Name of the Principal Investigator- Dr Suchanda Sahu
Duration- 2 years; Start year: 2019
IEC approval: T/IM-NF/Biochem /20/ 128IEC
3. Title of the project- Factors influencing the Haemoglobin A1c estimation- a retrospective cross- sectional study.
Name of the Principal Investigator- Dr Suchanda Sahu
Duration- 2 years; Start year: 2021
IEC approval: IEC/ AIIMS BBSR/ T/IMNF/ Biochem/21/09
4. Title of the project- A nomogram for prediction of diabetic nephropathy among type 2 diabetes mellitus based on biochemical and clinical findings: a retrospective study. Project No:
Name of the Principal Investigator: Dr Suchanda Sahu
Duration- 2 years; Start year: 2021
IEC approval: IEC/ AIIMS BBSR/ T/IMNF/ Biochem/21/21
5. Title of the project "Probabilistic role of serum vitamin A, adenosine deaminase and lactate dehydrogenase in the diagnosis of pulmonary tuberculosis", MD Biochemistry dissertation of Dr Deepthi Sudha, under my guidance
Name of the Principal Investigator: Dr Debapriya Bandyopadhyay
Duration- 2 years; Start year: 2019
IEC approval: IEC/AIIMS BBSR/PG Thesis/2020-21/23
6. Title of the project "Serum Retinol, Retinol Binding Protein and Transthyretin in patients with CKD, with or without hemodialysis, and its relation with other biochemical parameters: A cross-sectional, hospital based, observational study"

Name of the Principal Investigator: Dr Debapriya Bandyopadhyay

Duration 2 years; Start year: 2021

IEC approval: IEC/AIIMS BBSR/PG Thesis/ 2021-22/94

7. Title of the Project- Evaluation of Turn Around Time (TAT) for essential biochemical parameters on a quarter-on-quarter basis after implementation of HIS system at the Clinical Biochemistry Laboratory of a tertiary care centre of Eastern India
Name of the Principal Investigator -Dr Suchitra Kumari
Duration- 1 year; Start year: 2021
IEC approval number: T/IM-NF/Biochem/21/145
8. Title of the Project -Biochemical parameters based Machine learning Model to predict the severity of COVID-19 patients
Name of the Principal Investigator - Dr Suchitra Kumari
Duration- 1 year; Start year: 2021
IEC approval number: T/IM-NF/Biochem/21/162
9. Title of the project: Evaluation of Thyroid hormones and associated inflammation in maternal and cord blood in pre-eclampsia
Name of the Principal Investigator - DrPrakruti Dash
Funding Agency-Self funded
Duration: 2 years; Start Year 2022
IEC Approval Number- T/IM-NF/Biochem/21/86
10. Title of the project- Evaluation of a highly viscous blood sample in clinical biochemistry laboratory, its interpretation and relevance-A case study
Name of the Principal Investigator- DrPrakruti Dash
Duration: 2 years; Start Year 2022
IEC Approval Number- T/IM-NF/Biochem/21/130
11. Title of the project- Evaluation of serum gamma glutamyl transferase and homocysteine levels as biomarkers of chronic kidney disease
Name of the Principal Investigator- Dr Gautam Kumar Saharia
Duration: one year, start year: Aug 2020
IEC approval number- T/IMNF/Biochem/20/83

BURNS & PLASTIC SURGERY

Funded Projects

Ongoing:

1. Title of the project: " Impact of Epifast Vs normal saline dressing on the healing of chronic lower extremity ulcers : A pilot, double armed, double blinded Randomized controlled Trial".
Name of the Principal Investigator: Dr Sanjay Kumar Giri
Funding agency: AIIMS, Bhubaneswar
Duration: 2 years, Start year: 2022, Funds: INR.5,00,000
IEC approval number: T/IM-F/21-22/
2. Title of the project: " Changes in expression of growth factors in wounds subjected to NPWT in comparison to conventional treatment".
Name of the Principal Investigator: Dr Sunil Kumar Rout
Funding agency: AIIMS, Bhubaneswar
Duration: 1 year, Start year: 2022, Funds: INR.4,90,000
IEC approval number: T/IM-F/21-22/19
3. Title of the project: " Volumetric analysis of fat graft in facial contour defects: An observational study".
Name of the Principal Investigator: Dr Ranjit Kumar Sahu
Funding agency: AIIMS, Bhubaneswar
Duration: 1 year, Start year: 2022, Funds: INR.3,00,000
IEC approval number: T/IM-F/21-22/25

4. Title of the project: " An initiation of supermicrosurgical training in chicken wings model ".
Name of the Principal Investigator: Dr Santanu Suba
Funding agency: AIIMS, Bhubaneswar
Duration: 2 years, Start year: 2018, Funds: INR 2,75,000
IEC approval number: T/IM-F/21-22/28
5. Title of the project: " Assessment of changes of vascularity of expanded skin by tissue expanders with Color Doppler and CT angiography".
Name of the Principal Investigator: Dr Mainak Mallik
Funding agency: AIIMS, Bhubaneswar
Duration: 1 year, Start year: 2022, Funds: INR 4,80,000
IEC approval number: T/IM-F/21-22/09

Non-Funded Projects:**Completed :**

1. Title of the project: " Comparision between RL + 1% glucose and RL + 2.5% glucose as intra operative IV fluid of choice in paediatric patients".
Name of the Principal Investigator: Dr Sunil Kumar Rout
Duration: 2 Years, Start year: 2020
IEC approval number: T/IM-NF/ Plastic.surg/19/54
2. Title of the project: "Wound management in covid positive patients multiinstitutional study".
Name of the Principal Investigator: Dr Sanjay Kumar Giri
Duration: 2 Years, Start year: 2020
IEC approval number: T/EM-F/Burns &Plastic/20/36

Ongoing:

1. Title of the project: "Psychosocial impact of breast augmentation on Transgenders".
Name of the Principal Investigator: Dr Sunil Kumar Rout
Duration: 2 Years, Start year: 2022
IEC approval number: T/IM-NF/ Burns&Plastic/21/14

Extramural Projects:**Ongoing:**

1. Title of the project: "Multi centric community-based study of prevalence, KAP(Knowledge, Attitude & Practice) for prevention & First Aid of Burns, Quality of Life and Out of Pocket Expenditure of burn injury and evaluation of IEC (Information, Education, Communication) Interventions"
Name of the Principal Investigator: Dr Ranjit Kumar Sahu
Duration: 3 Years, Start year: 2022
IEC approval number: T/EMF/Burns &Plastic/21/59

Departmental projects (including thesis/dissertations)**Completed:**

1. Title of the project: "Epidemiology and Management of Acute Hand Injuries".
Name of the Principal Investigator: Dr Sanjay Kumar Giri
Duration: 2 years, Start year: 2019
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2019-20/64

Ongoing:

1. Title of the project: "Versatility of Keystone perforator island flaps in resurfacing soft tissue defects: a prospective observational study".
Name of the Principal Investigator: Dr Ranjit Kumar Sahu
Duration: 2 years, Start year: 2021
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2021-22/45

2. Title of the project: "Efficacy of Autologous Platelet Rich Plasma for Treatment of healed Scars; A Randomized controlled trial.
Name of the Principal Investigator: Dr Sanjay Kumar Giri
Duration: 2 years, Start year: 2022
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2022-23/08
3. Title of the project: "Comparative Study between Proximal Radio-cephalic and Brachiocephalic Arteriovenous fistulas in end stage chronic kidney disease patients on hemodialysis : A single center randomized control trial."
Name of the Principal Investigator: Dr Ranjit Kumar Sahu
Duration: 2 years, Start year: 2022
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2022-23/12
4. Title of the project: "Immediate Breast reconstruction using Autologous tissue in cases of breast carcinoma : A prospective study".
Name of the Principal Investigator: Dr Santanu Suba
Duration: 2 years, Start year: 2022
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2022-23/25
5. Title of the project: "Comparative analysis between sub-fascial and dual plane technique of prosthetic augmentation mammoplasty in transwomen: a randomized control trial".
Name of the Principal Investigator: Dr Sunil Kumar Rout
Duration: 2 years, Start year: 2022
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2022-23/23
6. Title of the project: "A study on intraoperative findings of vascular anatomy of suprafascial anterolateral thigh flap".
Name of the Principal Investigator: Dr Santanu Suba
Duration: 2 years, Start year: 2022
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2022-23/10

CARDIOLOGY

Funded projects

Ongoing:

1. A study on Magnitude and Patterns of causes of Heart Failure-a-feasibility study.
Name of the Principal Investigator: Dr Ramachandra Barik (Guide)
Name of the funding agency: NCDIR/ICMR
Duration, start year:2018
Funds: Total cost: INR 64,00000/-
IEC approval No: NCDIR/HF/108/2017 /T/EMF/Cardio/18/07

Departmental projects (including thesis/dissertations)

Ongoing:

1. Title of the Thesis: COMPARING SACUBITRIL / VALSARTAN VS RAMPRIL IN ACUTE MYOCARDIAL INFARCTION
Name of the Principal Investigator: Dr Ramachandra Barik (Guide)
Name of the funding agency.: AIIMS Bhubaneswar
Duration, start year: 2019
Funds: Non-funded
IEC approval No: IEC/AIIMS BBSR/PG Thesis/2019-20/70
2. "Title of the Thesis: A randomized controlled study to compare routine transradial access to distal transradial access to look after patency rate at the end of first month follow up".
Name of the Principal Investigator: Dr Ramachandra Barik (Guide)
Name of the funding agency: AIIMS Bhubaneswar
Duration, start year:2018
Funds: Non funded
IEC approval No: IEC/AIIMS BBSR/ PG Thesis/2018-19/49

3. "Title of the Thesis: 'Effect of spironolactone vs eplerenone on left ventricular systolic dysfunction in vascularised patients with acute myocardial infarction'
Name of the Principal Investigator: Dr Debasish Das(Guide)
Name of the funding agency. AIIMS Bhubaneswar
Duration, start year: 2020
Funds: Non funded
IEC approval No: IEC/AIIMS BBSR/PG Thesis/2020-21/84
4. Title of the Thesis: 'Evaluation of effect of empagliflozin on subclinical left ventricular dysfunction with speckle tracking echocardiography in patients with post acute coronary syndrome'.
Name of the Principal Investigator: Dr Debasish Das(Guide).
Name of the funding agency. AIIMS Bhubaneswar
Duration, start year:2020
Funds: Non funded
IEC approval No: IEC/AIIMS BBSR/PG Thesis/2020-21/86
5. Title of the Thesis: 'Prognostic significance of qt interval in patients with acute coronary syndrome'
Name of the Principal Investigator: Dr Debasish Das(Guide).
Name of the funding agency. AIIMS Bhubaneswar
Duration, start year: 2020
Funds: Non funded
IEC approval No: IEC/AIIMS BBSR/PG Thesis/2020-21/111

COLLEGE OF NURSING

Funded Projects

Completed

1. Title of the project - Effectiveness of training program on nurse's knowledge, attitude, and practices on CAUTI guidelines at a selected tertiary hospital, Bhubaneswar
Name of the Principal Investigator - Dr M V Smitha
Funding Agency - AIIMS, Bhubaneswar
Duration: 2 years, Start Year: 2020, Funds - INR 55,000
IEC approval Number T /IM/18-19/52

Ongoing

1. Title of the project - A quasi experimental study on impact of Palliative care training in enhancement of self-efficacy of nurses and family care giver satisfaction with delivery of Integrated Comprehensive Palliative Care (ICPC) in tertiary care setting"
Name of the Principal Investigator - Dr Asha P Shetty
Funding Agency - ICMR
Duration: 3 years, start year: Feb 2022, Funds - INR 37,55,185
IEC approval No: T/EMF/Nursing/21/31
2. Title of the project - Impact of traditional fermented rice water on health care workers working in COVID-19 unit. Name of the Principal Investigator - Dr Mahalingam V
Funding Agency - AIIMS, Bhubaneswar
Duration: 1 Year, Start year: 2022, Funds - INR 5,00,000
IEC approval number: IEC/AIIMS BBSR/NURSING2021-22/20
3. Title of Project - Effect of preconception care intervention on maternal nutritional status and birth outcome in low resource setting- A non-randomized control trial.
Name of the Principal Investigator - Mrs Dharitri Swain
Funding Agency - ICMR
Duration: 3 years, start year: 2021, Funds - INR 36,54,000
IEC approval No: TM/EMF/Nursing/20/6
4. Title of the project - Study to assess the factors influencing door to hospital delay among newly diagnosed acute stroke patients attending the emergency department of AIIMS Bhubaneswar

Name of the Principal Investigator - Mr Rakesh V R
 Funding Agency - AIIMS, Bhubaneswar
 Duration: 2 years, Start year: 2021, Fund - INR 10,000
 IEC approval number: IEC/AIIMS BBSR/ T/IM-F/19-20/22

5. Title of the project - Prevalence of clinical manifestations of lymphatic filariasis, practice of vector control measures and compliance to mass drug administration among rural population in India.
 Name of the Principal Investigator - Mr Azhar S M
 Funding agency - AIIMS, Bhubaneswar
 Duration: 2 years, Start year: 2021, Funds - INR 80,000
 IEC approval number: T/IM-NF/ 20-21/02
6. Title of the project - Kinesio taping with CDT application versus complete decongestive therapy on reduction of lymphedema among axillary dissection patients for breast cancer: A randomized clinical trial
 Name of the Principal Investigator - Mrs A Serma Subathra
 Funding agency - AIIMS, Bhubaneswar
 Duration: 2 years, Start year - 2021, Funds - INR -97,100
 IEC approval Number: T/IM-F/19-20/23
7. Title of the Project - Bactriguard catheter versus Foleys catheter in reduction of UTI among Urethroplasty patients at AIIMS, BBSR: A randomised clinical trial study."
 Name of the Principal Investigator - Mrs Kalaivani H
 Funding Agency: AIIMS, Bhubaneswar
 Duration: 2 years, start year: 2020, Funds - INR 90,000
 IEC approval Number: T/IMF/18-19/56

Departmental Projects

Completed

1. Title of the project - A study on compliance to iron supplement and barrier among postpartum women in Khorda district of Odisha
 Name of the Principal Investigator - Dr M V Smitha
 Duration: 1 year, Start Year: 2021
 IEC approval Number: T /IM-NF/Nursing/21/114-19
2. Title of the project - A randomized controlled trial to evaluate the effect of audio-visual therapy on labor pain and anxiety among laboring women at District Headquarters Hospital, Khordha.
 Name of the Principal Investigator - Dr M V Smitha
 Duration: 2 years, Start Year: 2021
 IEC approval Number: IEC/AIIMS BBSR/PG Thesis/2021-22/02
3. Title of the project - Effectiveness of telecounseling on adherence to the oral iron folic acid supplementation and predictors of adherence in anemic pregnant women attending antenatal clinic: A randomized controlled trial
 Name of the Principal Investigator - Dr M V Smitha
 Duration: 2 years, Start Year: 2021
 IEC approval Number: IEC/AIIMS BBSR/PG Thesis/2021-22/05
4. Title of the project - Factors affecting willingness for COVID-19 vaccination: An Indian Survey
 Name of the Principal Investigator - Mr Jaison Jacob
 Duration: 6 months, Start year: 2021
 IEC approval number: T/IM-NF/Nursing/20/178
5. Title of the project - Exploring the perception, practices, facilitators and barriers of medication error reporting: strategies for implementation of safe reporting system among nurses working in inpatient wards of AIIMS Bhubaneswar: mixed method study ABQC medication safety committee-initiated project
 Name of the Principal Investigator - Dr Renju Sussan Baby
 Duration: 2 years, start year: 2021
 IEC approval number: T/IM-NF/Nursing/21/58
6. Title of the project - Effectiveness of WHO toolkit based telephonic smoking cessation intervention on tobacco use and level of motivation among dependent smokers with pulmonary complications: A randomized control trial
 Name of the Principal Investigator - Dr Renju Sussan Baby

Duration: 1 year, start year: 2021

IEC approval number: IEC/AIIMS BBSR/ Nursing/2021- 22/13

7. Title of the project - A qualitative study to explore the parenting challenges experienced by patients of Bipolar Affective Disorder, currently in remission seeking treatment from Psychiatry OPD, AIIMS Bhubaneswar
Name of the Principal Investigator - Dr Renju Sussan Baby
Duration: 1 year, start year: 2021
IEC approval number: IEC/AIIMS BBSR/ Nursing/2021- 22/12
8. Title of Project - Awareness, attitude and acceptance of pregnant and nursing mothers on breast milk donation and breast milk bank in AIIMS Bhubaneswar, Odisha.
Name of the Principal Investigator - Mrs Hepsi Bai J
Duration: 1 year, Start year: 2021
IEC Approval number: T/IM-NF/Nursing/21/139
9. Title of Project - A study to evaluate the effectiveness of open book tests over close book tests and perception of nursing students towards open book test: A pilot study
Name of the Principal Investigator - Mrs Hepsi Bai J
Duration: 1 year, Start year: 2021
IEC Approval number: T/IM-NF/Nursing/21/95
10. Title of Project - Practice of Kangaroo Mother Care at home, its enablers and barriers experienced by mothers of preterm infants attending neonatology OPD.
Name of the Principal Investigator - Mrs Hepsi Bai J
Duration: 2 years, Start year: 2020
IEC Approval number: IEC/AIIMSBBSR/Nursing/2020-21/19
11. Title of Project - Parental experiences in caring for children with surgically managed Hydrocephalus.
Name of the Principal Investigator - Mrs Hepsi Bai J
Duration: 2 years, Start year: 2020
IEC Approval number: IEC/AIIMSBBSR/Nursing/2020-21/10
12. Title of Project - Perception and practice by paediatric nurses on 'Family Centered Care' (FCC)
Name of the Principal Investigator - Mrs Hepsi Bai J
Duration: 2 years, Start year: 2020
IEC Approval number: IEC/AIIMSBBSR/Nursing/2020-21/07
13. Title of the project - Mask hygiene practices, perception and difficulties faced on use of face mask during COVID 19 pandemic among adults in Khorda district - A cross sectional study.
Name of the Principal Investigator - Mrs Shyama devi
Duration: 2 years, Start Year: 2020
IEC approval Number: IEC/AIIMS BBSR/Nursing 2020-21/03
14. Title of the project - Experiences of menstruation and factors influencing menstrual hygiene practices among adolescent girls attending OPD of CHC, Mendhasal.
Name of the Principal Investigator - Mrs Shyama devi
Duration: 2 years, Start Year: 2020
IEC approval Number: IEC/AIIMS BBSR/Nursing 2019-20/27
15. Title of the project - A study to assess the awareness and attitude towards nursing as a career among the higher secondary students.
Name of the Principal Investigator - Mrs Shyama devi
Duration: 1 year, Start Year: 2020
IEC approval Number: IEC/AIIMS BBSR/Nursing 2020-21/09
16. Title of the project - The perceived social stigma, self-esteem, and its determinants among the health care professionals working in India during COVID 19 pandemic.
Name of the Principal Investigator - Mr Rakesh V R
Duration: 1 year, Start year: 2020
IEC approval number: IEC/AIIMS BBSR/IM NF/20/04
17. Title of the project - Knowledge and Practice on Menstrual hygiene among specially-abled (Deaf & Dumb) adolescent Girls at Selected Centres in Bhubaneswar, Odisha State- A Pilot project
Name of the Principal Investigator - Ms A. SERMA SUBATHRA

Duration: 6 months, Start year: Jul-Nov 2020
IEC approval Number: T/IM-NF/Nursing/19/88

18. Title of the project - Knowledge and Practice on Menstrual hygiene among specially-abled Visually Impaired Adolescent Girls at Selected Centres in Bhubaneswar, Odisha State- A Pilot project
Name of the Principal Investigator - Ms A. SERMA SUBATHRA
Duration: 6 months, Start year: Jul 2020
IEC approval Number: T/IM-NF/Nursing/19/88
19. Title of the project - Survey on Knowledge & Attitude about skin Donation & Skin banking among healthcare professionals
Name of the Principal Investigator - Ms A. SERMA SUBATHRA
Duration: 6 months, Start year: Jul 2020
IEC approval Number: IEC-T/IM-NF/Nursing/20/63
20. A cross-sectional study to estimate the cardiovascular disease risk in employees of AIIMS, Bhubaneswar.
Name of the Principal Investigator - Mrs Nadiya Krishnan.
Duration: 1 year, Start Year: 2021
IEC approval Number: IEC/AIIMS BBSR/Nursing/2020-21/14
21. Title of the project - Comparison of personality dimension, stress and coping among patients with psycho-dermatological disorders and healthy individuals
Name of the Principal Investigator - Dr Renju Sussan Baby
Duration: 1 year, start year: 2021
IEC approval number: IEC/AIIMS BBSR/ Nursing/2021- 22/11
22. Title - knowledge and skills of Accredited social Health Activists (ASHAs) in home based new born care
Name of the Principal Investigator - Mrs Shyama Devi
Duration: 2 years, Start Year: 2021
IEC approval Number: IEC/AIIMS BBSR/Nursing 2020-21/09
23. Human factor issues related to Personal protective equipment use during COVID 19 Pandemic - A cross sectional study
Name of the Principal Investigator - Mrs Kalaivani H
Duration: 1 year, Start Year: 2020
IEC Approval No: T/IM-NF/Nursing/20/86
24. Title of the project - Epidemiology of mass casualty incidents in a tertiary care trauma centre
Name of the Principal Investigator- Mr Rakesh V R
Duration: 6 years, Start year: 2020
IEC approval number: T/IM-NF/Nurs/19/30
25. A randomized control trial on the effect of "E", "Y" and "Single Strip type" method of tube fixation on endotracheal tube related complications in critically ill patients in Emergency Room, AIIMS, BBSR .
Name of the Principal Investigator - Mrs Nadiya Krishnan.
Duration: 2 years, start Year: 2020
IEC approval: IEC/AIIMS BBSR/Nursing/2019-20/36
26. Title of the project - Prevalence of internet gaming disorder among young adults
Name of the Principal Investigator - Dr Renju Sussan Baby
Duration: 1 year, start year: 2019
IEC approval number: IEC/AIIMS BBSR/Nursing/2019-20/24
27. Title of the project - comparison of parental stress, burden and coping among parents of children with intellectual disability and autistic spectrum disorders
Name of the Principal Investigator - Dr Renju Sussan Baby
Duration: 1 year, start year: 2019
IEC approval number: IEC/AIIMS BBSR/Nursing/2019-20/25
28. Title of the project - Factors and preparedness for caregiving among care givers of psychotic disorder patients.
Name of the Principal Investigator - Dr Renju Sussan Baby
Duration: 1 year, start year: 2019
IEC approval number: IEC/ AIIMS BBSR/Nursing/ 2019-20/06

Ongoing

1. Title of the project - A qualitative study to explore health-seeking behaviour and barriers to healthcare among trans-genders of selected areas of Bhubaneswar
Name of the Principal Investigator – Mrs Shyama Devi
Duration: 2 Years, Start year: 2022
IEC approval number – IEC/AIIMS BBSR/Nursing/2022-23/11
2. Title of the project - A cross sectional study to assess the prevalence and determinants of self-medication practices among adults of selected rural areas of Khorda district
Name of the Principal Investigator – Mrs Shyama Devi
Duration: 2 Years, Start year: 2022
IEC approval number - IEC/AIIMS BBSR/Nursing/2022-23/04
3. Title of the project - A cross-sectional study to find out the level of functional status, social support, and anxiety among postnatal women attending immunization clinic
Name of the Principal Investigator – Dr MV Smitha
Duration: 2 Years, Start year: 2022
IEC approval number - IEC/AIIMS BBSR/Nursing/2022-23/32
4. Title of the project - A cross-sectional study to assess the knowledge, practices and acceptability of WHO Labour Care Guide among the obstetric care providers and factors impeding to the usage of it in selected healthcare centres of Khorda district.
Name of the Principal Investigator – Mrs Dharitri Swain
Duration: 1 year, Start year: 2022
IEC approval No: IEC/AIIMS BBSR/Nursing/2021-22/37
5. Title of the project - Prevalence of nomophobia, contributing factors on smartphone addiction and its effect on lifestyle among adolescents studying in selected schools of Odisha
Name of the Principal Investigator - Mrs Hepsai Bai J
Duration: 2 years, Start year: 2022
Approval number: IEC/AIIMSBBSR/Nursing/2022-23/05
6. Title of the project - A study to assess utilization of antenatal health care services, associated factors and pregnancy outcomes among pregnant mothers who will be delivered in the selected rural health care centres in Odisha.
Name of the Principal Investigator – Mrs Dharitri Swain
Duration: One year, Start year: 2022
IEC approval No: IEC/AIIMS BBSR/Nursing/2021-22/38
7. Title of the project - study to assess Exercise addiction and its correlates among regular gym attendees of selected gym of Odisha
Name of the Principal Investigator - Dr Renju Sussan baby
Duration: 2 Years, start year: 2022
IEC approval number: IEC/AIIMS BBSR/ Nursing/2021-22/35
8. Title of the project - Qualitative study to exploration of post detoxification challenges experienced by AUD patients in maintaining abstinence
Name of the Principal Investigator - Dr Renju Sussan baby
Duration: 2 Years, start year: 2022
IEC approval number: IEC/AIIMS BBSR/ Nursing/2021-22/36
9. Title of the project - Awareness and myths about male infertility among general population at AIIMS, Bhubaneswar.
Name of Principal Investigator - Mrs Kalaivani H
Duration: 1 Year, start year: 2022
IEC approval Number: T/IM-NF/Nursing/21/164
10. Title of the project - Effect of Holistic Nurse-led implementation on perioperative health care parameters among surgical clients at Tertiary care center - A mixed method Study
Name of the Principal Investigator- Ms A. Serma Subathra
Duration: 1 year, Start year: Apr 2022
IEC approval Number: T/IM-NF/Nursing/19/88
11. Title of the project - A study to assess the prevalence and factors influencing medical device related pressure injury formation in critically ill patients admitted in ICUs of AIIMS Bhubaneswar

Name of the Principal Investigator – Mrs Nadiya Krishnan
 Duration: 2 years, Start year: 2022
 IEC approval number – IEC/AIIMS BBSR/Nursing/2022-2023/01

12. Title of the project - A study to compare the period prevalence of delirium in two different Medical ICUs in a tertiary care hospital.
 Name of the Principal Investigator – Dr Anand L
 Duration: 2 years, Start year: 2022
 IEC approval number – IEC/AIIMS BBSR/Nursing/2022-2023/14
13. Title of the project - A study to assess the effectiveness of caring touch and communication on delirium in critically ill adult patients: a randomized controlled, observational study
 Name of the Principal Investigator – Dr Mahalingham V
 Duration: 2 years, Start year: 2022
 IEC approval number – IEC/AIIMS BBSR/Nursing/2022-23/10
14. Title of the project - A cross-sectional study to assess the partner involvement, barriers and satisfaction to maternal and infant health care during the postpartum period at community centres, Bhubaneswar
 Name of the Principal Investigator – Dr MV Smitha
 Duration: 2 years, Start year: 2022
 IEC approval number – IEC/AIIMS BBSR/Nursing/2021-22/33
15. Title of the project - A cross-sectional study to assess the knowledge, practices and acceptability of who labour code guide among the obstetric care providers and factors impeding to the usage of it in selected healthcare centres of Khorda district
 Name of the Principal Investigator – Mrs Dharitri Swain
 Duration: 2 years, Start year: 2022
 IEC approval number – IEC/AIIMS BBSR/Nursing/2021-22/37
16. Title of the project - A study to assess the utilization of antenatal health care services, associated factors and pregnancy outcomes among pregnant mothers who delivered in the selected rural health care centres in Odisha
 Name of the Principal Investigator – Mrs Dharitri Swain
 Duration: 2 years, Start year: 2022
 IEC approval number – IEC/AIIMS BBSR/Nursing/2021-22/38
17. Title of the project – preoperative and anxiety towards surgery on post-operative outcome among school age children undergoing elective surgery
 Name of the Principal Investigator – Dr Asha P Shetty
 Duration: Two Years, Start year: 2022
 IEC approval number – IEC/AIIMS BBSR/Nursing/2021-22/24
18. Title of the project - A study on emotional – behavioural problems among children with leukaemia and perceived parenting stress and social support among parents of children attending oncology Department AIIMS Bhubaneswar
 Name of the Principal Investigator – Mrs Hepsi Bai J
 Duration: 2 years, Start year: 2022
 IEC approval number – IEC/AIIMS BBSR/Nursing/2022-23/12
19. Title of the project – parenting style and behavioural problems among school going children of parents in tertiary care hospital
 Name of the Principal Investigator - Dr Asha P Shetty
 Duration: 2 years, Start year: 2022
 IEC approval number - IEC/AIIMS BBSR/Nursing/2022-23/13
20. Title of the project - A descriptive study to determine the prevalence of subjective sleep quality and suicidality among schizophrenic patients of AIIMS Bhubaneswar
 Name of the Principal Investigator – Mr Nanda Kumar P
 Duration: 2 years, Start year: 2022
 IEC approval number – IEC/AIIMS BBSR/Nursing/2022-23/06
21. Title of the project - A cross-sectional study to assess the caregiver burden and quality of life among the caregivers of patients with schizophrenia at AIIMS Bhubaneswar
 Name of the Principal Investigator – Mr Nanda Kumar P
 Duration: 2 years, Start year: 2022

- IEC approval number - IEC/AIIMS BBSR/Nursing/2022-23/07
22. Title of the project - A controlled trial on the effect of frequency of vital parameter monitoring on selected outcomes in traumatic brain injury (TBI) patients
Name of the Principal Investigator - Mrs Nadiya Krishnan.
Duration: 2 years, start Year 2022
IEC approval. IEC/AIIMS BBSR/Nursing/2021-22/18.
 23. Title of the project - A study on time management skills and academic motivation among UG students of a tertiary care teaching hospital.
Name of the Principal Investigator - Nadiya Krishnan.
Duration: 1 year, Start Year: 2022
IEC approval Number: IEC/AIIMS BBSR/Nursing/2021-22/31
 24. Title of the project - Emotional - behavioural problems among children with Leukemia (ALL) and perceived parenting stress and social support among parents of children with ALL
Name of the Principal Investigator - Mrs Hepsi Bai J
Duration: Two years, Start year: 2022
Approval number: IEC/AIIMSBBSR/Nursing/2022-23/12
 25. Title of the project - Issues and challenges on Menstrual Hygiene management among Adolescent Girls –The Phenomenological Investigation”
Name of the Principal Investigator - Ms A. Serma Subathra
Duration: 2 years, Start year: 2022
IEC approval Number: T/IM-NF/Nursing/21/146
 26. Title of the project: Intergenerational difference between emotional intelligence and resilience among health personnel
Name of the Principal Investigator - Dr Renju Sussan baby
Duration: 2 years, start year: 2021
IEC approval No: TM/EMF/Nursing/21/115
 27. Title of the project - Prevalence of internet gaming disorder among adolescents and young adults: systematic review and meta-analysis
Name of the Principal Investigator - Dr Renju Sussan baby
Duration: 2 years, start year: 2021
IEC approval number: T/IM-NF/Nursing/21/109
 28. Title of the project - Longitudinal prospective study on attitude, perception and satisfaction regarding clinical integration in nursing among health care personnel, student nurses and patients in AIIMS Bhubaneswar
Name of the Principal Investigator - Mr Arunakumar Kasturi
Duration: 2 years, Start Year: 2021
IEC approval Number: T/IM-NF/Nursing/20/103
 29. Title of the project - A study to assess the nurses and physicians' attitude towards nurse-physician collaboration
Name of the Principal Investigator - Mrs Hepsi Bai J
Duration: 2 years, Start year: 2021
Approval number: IEC/AIIMSBBSR/Nursing/2020-21/22
 30. Title of the project - A study to assess the partner involvement, barriers and satisfaction to maternal and infant health care during postpartum period at community centers, Bhubaneswar
Name of the Principal Investigator – Dr M V Smitha
Duration: 2 years, Start Year: 2021
IEC approval Number: IEC/AIIMS BBSR/ Nursing/2021-22/33
 31. Title of the project - Functional status and social support among postnatal women attending OPDs
Name of the Principal Investigator – Dr M V Smitha
Duration: 2 years, Start Year: 2021
IEC approval Number: IEC/AIIMS BBSR/ Nursing/2021-22/32
 32. Title of the project - Decoding COVID-19 vaccine hesitation: A qualitative study
Name of the Principal Investigator - N Sadhana Priyadarshani
Duration- 1 year, Start year- 2021
IEC approval Number: T/IM-NF/Nursing/20/201

33. Title of the project - AEFI and related concerns among recipients of COVID-19 vaccination: A qualitative study
Name of Principal Investigator - Mrs Sasmita panigrahi
Duration: 1 year, start year: 2021
IEC approval number: T/IM-NF/Nursing/20/191
34. Title of the project - Knowledge and skills of accredited social Health Activists (ASHAs) in home based new born care
Name of the Principal Investigator – Mrs Shyama Devi
Duration: 2 years, Start Year: 2021
IEC approval Number: IEC/AIIMS BBSR/nursing/2021-22/06
35. Title of the project - A study on malnutrition and its contributing factors among geriatric population in semiurban area of Bhubaneswar
Name of the Principal Investigator - Mrs Shyama Devi
Duration: 1 year, Start Year: 2021
IEC approval Number: IEC/AIIMS BBSR/nursing/2021-22/26
36. Title of the project - Current knowledge, attitude, practices and perceived barriers regarding use of mask and respirators among HCW in the context of COVID-19; A cross-sectional survey.
Name of the Principal Investigator: Mrs Sujata Mohapatra
Duration: 2 years Start Year: 2020
IEC Approval No: IEC-T/IM/NF/Nursing/20/80
37. Title of the project - Clinico- epidemiological profile and health related outcome of patient with snake bite
Name of the Principal Investigator: Mr Shine Stephen
Duration: 2 years, Start Year: 2020
IEC approval Number: T/IM-NF/Nursing/19/90

Collaborative Projects

1. Title - Extramural Collaborative Multicentre Study - Haemodialysis adherence perceived stress and Quality of Life among End-stage renal disease patients during Covid -19 Pandemic – Mixed method approach
Name of the Principal Investigator - Mrs. A. Serma Subathra
Duration: 6 months, Start year: Sep 2021
IEC approval Number: EMF /15/21-22

COMMUNITY MEDICINE & FAMILY MEDICINE

Funded Projects

Completed

1. Title of the project: Effectiveness of Covaxin and Covishield vaccines against severe COVID-19 in India, 2021: Multi-centric hospital-based case control study
Name of the Principal Investigator: Dr Arvind Kumar Singh
Funding Agency: ICMR
Duration: 3 months, Funds: INR 10.95 Lacs
IEC approval number: EMF/1/2021-22

Funded Projects

Ongoing

1. Title of the project: Strengthening tobacco control in four states through Capacity Building MPOWER implementation and monitoring & support to National Tobacco Control Programme
Name of the Principal Investigator: Dr Binod Kumar Patro
Funding agency: Blomberg Initiative through PGIMER
Duration: Three years, Start year: 2018,
Funds: INR 14,06,990
IEC approval number: T/EMF/CM&FM/18/04
2. Title of the project: Partnership proposal WASH in Health Care Facilities
Name of the Principal Investigator: Dr Binod Kumar Patro

Funding agency: UNICEF Odisha
 Duration: Two years, Start year: 2019,
 Funds: INR 37,17,579
 IEC approval number: T/EMF/CM&FM/19/19

3. Title of the project: M-Health interventions for improvement of treatment compliance and achieving control in Diabetes and Hypertension: A Systematic Review and Meta-analysis
 Name of the Principal Investigator: Dr Binod Kumar Patro
 Funding agency: ICMR, New Delhi
 Duration: Two years, Start year: 2021,
 Funds: INR 5,79,890
 IEC approval number: T/EMF/CM&FM/19/13
4. Title of the project: Verbal Autopsy based Cause of Death Ascertainment in Sample Registration System, Registrar General of India for states of Odisha, Jharkhand and Chhattisgarh
 Name of the Principal Investigator: Dr Binod Kumar Patro
 Funding agency: Registrar General, Govt of India through AIIMS, New Delhi
 Duration: Five years, Start year: 2017
 Funds: RGI through AIIMS Delhi, Fund: INR 10,09,050
 IEC approval number: T/EMF/CM&FM/17/15
5. Title of the project: Evaluation of effectiveness of the National Health Mission (NHM) policy of Mainstreaming and co-locating AYUSH within Primary Health Care
 Name of the Principal Investigator: Dr Binod Kumar Patro
 Funding agency: NHSRC, New Delhi
 Duration: Two years, Start year: 2020, Funds: INR 500,000
 IEC approval number: T/EMF/CM&FM/19/30
6. Title of the project: Resource Centre for Advancement of Public Health Nutrition
 Name of the Principal Investigator: Dr Swayam Pragyan Parida
 Funding agency: UNICEF
 Duration: Four Years, Start year: 2019,
 Funds: INR 6.3 crores
 IEC approval number: EMF/17/2018
7. Title of the project: A multi-centric Novel Coronavirus (COVID-19) population-based age-stratified sero-epidemiological study (in urban, rural and tribal communities at selected Centers in India: A prospective study)
 Name of the Principal Investigator: Dr Arvind Kumar Singh
 Funding agency: WHO & AIIMS, New Delhi
 Duration: 1.5 years, Start year: 2020,
 Funds: INR 14,36,000
 IEC approval number: T/EMF/CM&FM/20/44
8. Title of the Project: Strengthening the PHCs infrastructure in a tribal District of Odisha for screening of selective cancers (Cervical cancer, Breast Cancer and Oral cancer)
 Name of the Principal Investigator: Dr Prajna Paramita Giri
 Funding Agency: ICMR, New Delhi
 Duration: 1.5 Years, Start year: 2021,
 Funds: INR 55,61,232
 IEC approval number: T/EMF/CM&FM/18/34
9. Title of the project: Rapid assessment of Continuum of care for diabetes and Hypertension in India
 Name of the PI: Dr Binod Ku Patro
 Funding Agency: NCDIR, ICMR Bengaluru
 Duration: Three months, Start year: 2021
 Funds: INR 902475/-
 IEC Approval Number: EMF/23/21-22
10. Title of the project: Establishing a Sentinel Surveillance System for Adverse Event of Special Interest (AESI) following COVID-19 vaccination All India Institute of Medical Sciences, Bhubaneswar, a multicentric study by Immunization Technical Support Unit, MoHFW, Govt of India
 Name of the PI: Dr Swayam Pragyan Parida

Funding agency: MoH&FW, Govt of India
 Duration: Two years, Start year:2021
 Funds: INR 2309745/-
 IEC approval number: T/EMF/CM&FM/21/49

11. Title of the project: WASH in Schools and Anganwadi centers Jajpur District of Odisha
 Name of the PI: Dr Binod Kumar Behera
 Funding agency: UNICEF
 Duration: Four Years, Start year: 2018
 Funds: INR 63,77,760
 IEC approval number: EMF/08/2021-22
12. Title of the project: WASH in Health Care Facilities: ASMITA Project
 Name of the Co PI: Dr Binod Kumar Behera
 Funding agency: UNICEF
 Duration: Two years, Start year:2020
 Funds: INR 65,66,765
 IEC approval number: IEC: EMF/08/2020
13. Title of the project: A multi-centric Novel Coronavirus (COVID-19) population-based age-stratified sero-epidemiological study (in urban, rural and tribal communities at selected Centers in India: A prospective study)
 Name of the Principal Investigator: Dr Arvind Kumar Singh
 Funding agency: WHO & AIIMS, New Delhi
 Duration: 1.5 years Start year: 2020
 Funds: INR 14,36,000/
 IEC approval number: T/EMF/CM&FM/20/44
14. Title of the project: A Phase III, double-blind, randomized, placebo-controlled study to evaluate the safety, reactogenicity and immune response of a single intramuscular dose of unadjuvanted RSV Maternal vaccine, in high risk pregnant women aged 15 to 49 years and infants born to the vaccinated mothers.
 Name of the Principal Investigator: Dr Arvind Kumar Singh
 Funding agency: Glaxo Smith Kline
 Period/Duration: 01 Year
 Funds: INR Rs. 1,72000/- (One Lakh Seventy-two Thousand)
 IEC approval number: T/EMF/27/2020
15. Title of the project: Effectiveness of Covaxin and Covishield vaccines against severe COVID-19 in India, 2021: Multi-centric hospital-based case control study
 Name of the Principal Investigator: Dr Arvind Kumar Singh
 Funding agency: ICMR
 Period/Duration:3 Months
 Funds: INR 10,95,000
 IEC approval number: T/EMF/27/2020

Funded Intramural: Ongoing

1. Usage of salt in midday meal preparation, knowledge about iodized salt among cook and school teacher of a rural block of Odisha
 Name of the Principal Investigator: Dr Binod Ku Behera
 Funding agency: AIIMS BBSR
 Period: One Year, Start year:2022
 Fund: INR 5,00,000
 IEC: IM-F/2021-22/01
2. Title of the project: Development of Heath & Demographic Surveillance System in Tangi, (Tangi HDSS) a Rural block in Khurda, Odisha
 Name of the Principal Investigator: DrArvind Kumar Singh
 Funding agency: AIIMS, Bhubaneswar
 Duration: One year, start year:2020
 Funds: INR 5 lacs
 IEC approval number: T/IM-NF/CM&FM/20/76

3. Title of the Project: Prevalence of overweight and obesity among school going adolescents and its correlates in Bhubaneswar City of Odisha.
Name of the Principal Investigator: Dr Prajna Paramita Giri
Funding Agency: AIIMS, BBSR
Duration: Two Years, start year: 2020
Funds: INR 2,25,000/-
IEC approval number: IMF/11/2018

Departmental Completed:

1. Title of the project- BSE perception, its practice and barriers among women in UHTC Nayapalli
Name of the Principal Investigator – Dr Sonu Hangma Subba
Duration: Three months, Start year: 2022
IEC approval number: T/IM-NF/CM&FM/21/153
2. Title of the project- Time motion study on service delivery at urban primary care
Name of the Principal Investigator – Dr Sonu Hangma Subba
Duration: Three months, Start year: 2021
IEC approval number: T/IM-NF/CM&FM/21/83
3. Title of the project- Facilitators and barriers of vaccine acceptance of COVID 19 vaccines among pregnant women in an urban slum of Bhubaneswar, Odisha
Name of the Principal Investigator – Dr Sonu Hangma Subba
Duration: Six months, Start year: 2021
IEC approval number: T/IM-NF/CM&FM/21/68
4. Title of the project- Prevalence of intimate partner violence in Bhubaneswar, Odisha
Name of the Principal Investigator – Dr Sonu Hangma Subba
Duration: Six months, Start year: 2021
IEC approval number: T/IM-NF/CM&FM/21/54
5. Title of the project- Percentage of alcohol use disorder among adult males and perception towards alcohol use among family members in patients attending Urban Health Center OPD of Bhubaneswar City of Odisha- a mixed method study
Name of the Principal Investigator – Dr Sonu Hangma Subba
Duration: Six months, Start year: 2021
IEC approval number: T/IM-NF/CM&FM/21/04
6. Title of the project- A Time Motion study on COVID Vaccine
Name of the Principal Investigator – Dr Sonu Hangma Subba
Duration: Six months, Start year: 2021
IEC approval number: T/IM-NF/CM&FM/21/03
7. Title of the project: Health insurance coverage, health care utilisation and out of pocket expenditure in the urban slums of Bhubaneswar – a Cross sectional study
Name of the Principal Investigator: Prof. Dr Sonu H. Subba
Period/Duration: Mar 2021, Two months
IEC approval number: T/IM-NF/CM&FM/20/184
8. Title of the project: The Pattern of Formula Feeding Practices among Mothers having Children 0-23 months and its Association with Malnutrition: A Cross-Sectional Study in Urban Slums of Bhubaneswar
Name of the Principal Investigator: Prof. Dr Sonu H. Subba
Period/Duration: Aug-Sep 2020, 2 months
IEC approval number: T/IM-NF/CM&FM/20/99
9. Title of the project: Validation of postpartum depression predictors inventory- revised (PDPI-R) Odia version and prevalence of postpartum depression among the parents of an urban population in Bhubaneswar
Name of the Principal Investigator: Prof. Dr Sonu H. Subba
Period/Duration: Sept 2019-May 2021, One year Nine months
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2019-20/61

10. Title of the project: Pre-hospital and intra-hospital Trajectory of COVID 19 deaths at AIIMS Bhubaneswar: A cross-sectional Study
Name of the Principal Investigator: Dr Binod Kumar Patro
Period/Duration: 2020-21, Two years
IEC approval number: T/IM-NF/CM&FM/20/156
11. Title of the project: Compliance of Chronic Disease care among patients attending a NCD Prevention Clinic during COVID 19 Nationwide Lockdown
Name of the Principal Investigator: Dr Binod Kumar Patro
Period/Duration: 2020-21, Two years
IEC approval number: T/IM-NF/CM&FM/20/35
12. Title of the project: Experience from COVID-19 screening clinic in a tertiary care institution: Evaluation and Challenges
Name of the Principal Investigator: Dr Binod Kumar Patro
Period/Duration: 2020-21, Six months
IEC approval number: T/IM-NF/CM&FM/20/72
13. Title of the project: Assessment of utilization of supplementary nutrition program (SNP) under integrated child development services (ICDS) scheme in an urban area of Khordha district in Odisha during covid-19 pandemic. (Fellowship in Public Health Nutrition project by Dr Durgesh Prasad Sahoo)
Name of the Principal Investigator: Dr Swayam Pragyan Parida
Period/Duration: 2020, Six months.
IEC approval number: T/IM-NF/CM&FM/20/81
14. Title of the project: Prevalence of elder abuse & perception of the youth towards it in an urban field practice area of AIIMS Bhubaneswar,
Name of the Principal Investigator: Dr Swayam Pragyan Parida
Period/Duration: 2019 onwards, Two Years.
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2018-19/52
15. Title of the project: An epidemiological study on depression among elderly and assessing the feasibility of "problem-solving therapy - primary care" in rural area of Khordha district
Name of the Principal Investigator: Dr Swayam Pragyan Parida
Period/Duration: 2020, Two Years
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2019-20/50
16. Title of the project: Determinants of appropriate health care provision during COVID-19 pandemic in a district of Odisha
Name of the Principal Investigator: Dr Arvind Kumar Singh
Period/Duration: Jul 2020 onwards, Six months
IEC approval number: T/IM-NF/CM&FM/20/22
17. Title of the project: LaQshya assessment of Labour Room at a Community Health Centre in Khordha, Odisha
Name of the Principal Investigator: Dr Arvind Kumar Singh
Period/Duration: Jul-Aug 2020, Two months
IEC approval number: T/IM-NF/CM&FM/20/59
18. Title of the project: Contact tracing of health care workers during the COVID-19 pandemic at a tertiary health care center in Eastern India
Name of the Principal Investigator: Dr Arvind Kumar Singh
Period/Duration: Aug-Dec 2020, Five months
IEC approval number: T/IM-NF/CM&FM/20/76
19. Title of the project: Ivermectin Prophylaxis in prevention of COVID19 disease: A cohort study
Name of the Principal Investigator: Dr Priyamadhaba Behera
Period/Duration: Sep 2020 to Mar 2021, Seven months
IEC approval number: T/IM-NF/CM&FM/20/142
20. Title of the project: Ivermectin in prevention of COVID19 disease among health care workers: A matched case-control study.
Name of the Principal Investigator: Dr Priyamadhaba Behera
Period/Duration: Sep 2020 to Feb 2020, 6 months
IEC approval number: T/IM-NF/CM&FM/20/125

21. Title of the project: Tuberculosis case notification by private health care providers in the field practice area of AIIMS Bhubaneswar – A mixed-method study (PG Thesis)
Duration: Two years, start year:2018
IEC approval No: IEC/ AIIMS BBSR/ PG Thesis/ 2018-19/51

Departmental Ongoing:

1. Title of the project: Prevalence and risk factors of suicidality among medical and nursing students of a medical college in Odisha
Name of the Principal Investigator: Prof. Dr Sonu H. Subba
Duration: 1 year 11 months, Start year:2021
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2020-21/110
2. Title of the project: Prevalence and perception of depression among outpatients of An urban primary care center of Odisha: A Hospital based cross-sectional study
Name of the Principal Investigator: Prof. Dr Sonu H. Subba
Duration: 2 months, Start year:2021
IEC approval number: T/IM-NF/CM&FM/20 /181
3. Title of the project: Perception of undergraduate medical students towards stressors and de-stressors during COVID-19, a mixed method study, intramural non-funded
Name of the Principal Investigator: Dr Swayam Pragyan Parida
Duration: Six months, start year:2020
IEC approval number: T/IM-NF/CM&FM/20/121
4. Title of the project: Effectiveness of school-based reproductive and life skill education among adolescent girls in urban areas of Khordha district: A Cluster Randomized Trial (PG thesis of Dr G Alekhya)
Name of the Principal Investigator: Dr Swayam Pragyan Parida
Duration: Two years, start year:2020
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2020-21/51
5. Title of the project: Clinico-epidemiological profile of Health care workers and other employees of AIIMS Bhubaneswar detected with SARS-COV-2 infection.
Name of the Principal Investigator: Dr Arvind Kumar Singh
Duration: One year Six months, start year:2021
IEC approval number: T/IM-NF/CM & FM/20/154
6. Title of the project: Perception about COVID-19 vaccination among Health Care Workers in India.
Name of the Principal Investigator: Dr Arvind Kumar Singh
Duration:One years, start year:2021
IEC approval number: T/IM-NF/CM & FM/20/194
7. Inception about the Learning and Quality improvement about the Health care delivery at a secondary care centre: as perceived from the Reflection writing of Indian Medical Graduate during their internship.
Name of the Principal Investigator: Dr Manish Taywade
Duration: One year, start year:2020
IEC approval number: T/IM-NF/CM&FM/20/173
8. Title of the Project: Assessment of treatment cascade of hypertension among adults in rural settings of Odisha: A cross sectional study
Name of the Principal Investigator: Dr Manish Taywade
Duration: Two years, start year:2019
IEC approval number: IEC/AIIMS BBSR/PG THESIS/2019-20/83
9. Title of the project: Prevalence of helmet use and reasons for not using helmet among Motorcyclists sustaining road traffic accidents, presenting to the Emergency Department of a tertiary care hospital- A Cross sectional study"
Name of the Principal Investigator: Dr Abhisek Mishra
Duration: One year, start year:2021
IEC approval number- T/IM-NF/CM&FM/20/188
10. Title of the project: Air pollution control feasible approach.
Name of the Principal Investigator: Dr Priyamadhava Behera

Duration: Two years, start year:2021
IEC approval number: T/IM-NF/CM&FM/20/155

11. Title of the project: Psychosocial, financial hardship, drug side effects and its impact on drug compliance/adherence among the tuberculosis patients under treatment in NTEP of the rural field practice areas of AIIMS Bhubaneswar: A mixed-method (PG Thesis)
Duration: Two years, start year:2020
IEC approval No: IEC/AIIMS BBSR/PG Thesis/2020-21/95
12. Title of the project: Nutritional status and associated factors among adolescent girls
Name of the Principal Investigator: Dr Binod Kumar Behera
Duration: One year, start year: 2020
IEC approval No: T/IM-NF/CM&FM/20/213

DENTISTRY

Funded Projects

Ongoing

1. Title of the project: Health care access model for detection of oral potentially malignant disorders in tribal settings of Odisha.
Name of the Principal Investigator: Dr Samapika Routray
Funding agency: Indian Council of Medical Research, New Delhi.
Duration, start year: 2-year, 2019
Funds: INR 35,70,000
IEC approval number: EMF/07/2019
2. Title of the project: Assessing therapeutic efficacy of Curcumin in oral submucous fibrosis (OSMF) through evaluation of serum biomarkers and EMG.
Name of the Principal Investigator: Dr Samapika Routray
Funding agency: AIIMS, Bhubaneswar.
Duration, start year: 2-year, 2018 Funds: 2,00,000.00
IEC approval number: IMF/32/2018

Completed

1. Title of the project: Sealing efficacy of over-the-counter desensitizing dentifrices on dentinal tubules: an in-vitro comparative study.
Name of the Principal Investigator: Dr Jitendra Sharan
Funding agency: AIIMS, Bhubaneswar.
Duration, start year: 2-year, 2018, Funds: INR 1,85,000.00
IEC approval number: T/IM-F/18-19/23

Departmental Projects

Ongoing

1. Title of the project: Impact of a Manuscript Rejection on Scholars' Psychology. Name of the Principal Investigator: Dr Ashok Kumar Jena
Duration, start year: 1-year, 2021
IEC approval number: T/IM-NF/Dentistry/21/141
2. Title of the project: An accurate geometrical reorientation of Sella-Nasion planes (SN planes) in subjects with aberrant inclinations of anterior cranial bases.
Name of the Principal Investigator: Dr Ashok Kumar Jena
Duration, start year: 1-year, 2021
IEC approval number: T/IM-NF/Dentistry/21/76

Completed

1. Title of the project: Effect of two different surgical techniques on the mouth opening among subjects with oral submucous fibrosis: A comparative evaluation.
Name of the Principal Investigator: Dr Ashok Kumar Jena
Duration, start year: 1-year, 2021
IEC approval number: T/IM-NF/Dentistry/21/34
2. Title of the project: Effect of single dose of Methylprednisolone injection at stylomandibular ligament insertion on pain and various mandibular movements among patients with Ernest syndrome.
Name of the Principal Investigator: Dr Ashok Kumar Jena
Duration, start year: 1-year, 2021
IEC approval number: T/IM-NF/Dentistry/21/43
3. Title of the project: Assessment of stress and salivary microbiome in patients with oral lichen planus
Name of the Principal Investigator: Dr Samapika Routray
Duration, start year: Till recruitment of Participants completed, 2020
IEC approval number: T/IM-NF/Dentistry/20/131
4. Title of the project: Assessment of bone thickness at infra-zygomatic crest area of maxilla and its clinical implications for miniscrew placement: A CBCT based study.
Name of the Principal Investigator: Dr Jitendra Sharan
Duration, Start year: 1 year
IEC approval number: T/IM-NF/Dentistry/20/137
5. Title of the project: Feasibility of COVID-19 oral health care guidelines in day to day practice: our experience in a tertiary care hospital
Name of the Principal Investigator: Dr Jitendra Sharan
Duration, Start year: 6 months
IEC approval number: T/IM-NF/Dentistry/20/165

DERMATOLOGY & VENEREOLOGY**Non Funded****Ongoing**

1. Title of the project: "Role of dermoscopic examination in distinguishing between cutaneous pigmented melanocytic and nonmelanocytic tumours: a retrospective study from a tertiary care centre of East India".
Name of the Principal Investigator: Dr Biswanath Behera
Duration, start year: 1 year, 2021
IEC approval number: T/IM-NF/Dermato/21/67
2. Title of the project: "Clinicodermoscopic and immunopathological study of noninfectious noneczematous tattoo reactions".
Name of the Principal Investigator: Dr Biswanath Behera
Duration, start year: 2 years, 2022
IEC approval number: T/IM-NF/Dermato/21/133

Departmental**Ongoing**

1. Title of the project: "Effect of oral Itraconazole and topical luliconazole combination therapy in treatment of recurrent dermatophytosis: A prospective observational study."
Name of the Principal Investigator: Dr Chandra Sekhar Sirka
Duration, start year: 2 years, Jun 2019
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2019-20/31

2. Title of the project: "Effect of oral Itraconazole and topical Luliconazole versus Oral Terbinafine and topical Luliconazole in Recurrent dermatophytosis: A randomized control trail".
Name of the Principal Investigator: Dr Chandra Sekhar Sirka
Duration, start year: 2 years, Dec 2019
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2019-20/87
3. Title of the project: "A cross-sectional study to determine correlation between clinico-pathological findings and serum complement (c3, c4) levels in patients with cutaneous small vessel vasculitis."
Name of the Principal Investigator: Dr Biswanath Behera
Duration, start year: 2 years, Jun 2019
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2019-20/25
4. Title of the project: "Comparison of clinico-histopathological characteristics of salt and pepper pigmentation in systemic sclerosis and vitiligo - A prospective controlled study".
Name of the Principal Investigator: Dr Biswanath Behera
Duration, start year: 2 years, Feb 2020
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2020-21/31
5. Title of the project: "Clinico-pathological spectrum of cheilitis from a tertiary care hospital of eastern India- A cross-sectional study".
Name of the Principal Investigator: Dr Biswanath Behera
Funding agency: ICMR
Duration, start year: 2 years, Jun 2021
Funds: INR 50,000.00
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2021-22/59

Collaborative projects

Ongoing

1. Title of the project: "Assessment of T-regulatory cells in progressive and stable vitiligo".
Name of the Co-guide: Dr Biswanath Behera
Duration, start year: 2 years, 2020
IEC approval number: IEC/AIIMS BBSR/PG THESIS/2020-21/53

ENDOCRINOLOGY & METABOLISM

Funded projects:

Ongoing

1. Title of the project- Etiological Investigation of Diabetes in Young Adults in Eastern India, Odisha.
Name of the Principal Investigator - Dr Kishore Kumar Behera
Funding Agency- AIIMS Bhubaneswar
Duration: 3 years, Start year: 2021,
Funds- INR 4,35,000/- IEC approval number- T/IM-F/20-21/10
2. Title of the project- Study of Correlation between Serum Osteoprotegerin, TNF- α , and Biomarkers of Bone Metabolism in Patients with treatment naive Graves' Disease . - A cross sectional study.
Name of the Principal Investigator - Dr Kishore Kumar Behera
Duration: 2 years, Start year: 2020,
Funding agency- Odisha Endocrine Society, Funds- INR 1,50,000/-
IEC approval number- T/EMF-F/Endocri/90/40

ENT

Funded

Ongoing

1. Title of the project- ICMR project 'Prevalence and etiology of hearing impairment in rural tribal regions of Odisha'
Name of the Principal Investigator - Dr C Preetam
Funding agency- ICMR
Start Year, Duration: 2019, Three years.
Funds- INR 94, 14,065 /-
IEC approval number: EMF/19/2019
2. Title of the project: Low-Cost Early Detection of Oral Cancer using DITI
Name of the Principal Investigator - Dr Saurav Sarkar
Funding agency: SERB
Start year, Duration: 2018, 3 years
Funds: INR 48 lakhs
IEC Approval number: EMR/2017/003570
3. Title of the project: Evaluating the role of add on Vitamin D in Sudden Onset Sensorineural hearing loss: A Randomized Controlled Trial
Name of the Principal Investigator: Dr Dillip Kumar Samal
Funding agency: AIIMS, Bhubaneswar
Start year, Duration: 2021, 1 year
Funds - INR 62,000.00
EC approval number: T/IM-F/20 21/19
4. An exploratory on nasal microbiome profile in Allergic Rhinitis patients
Name of the Principal Investigator- Dr Saurav Sarkar
Funding agency - AIIMS, Bhubaneswar
Start year, Duration: 2021, 1 year
Funds - INR 5,00,000.00
IEC approval number: AIIMS/BBSR/ENT/38/2021
5. Effect of NasoBiome on the Nasal microbiome profile of patients suffering from Atrophic Rhinitis: A randomized controlled trial
Name of Principal Investigator – Dr Saurav Sarkar
Funding agency - Government of Odisha, Department of Science and Technology.
Start Year, Duration: 2021, 2 years
Funds - INR 10,00,000
IEC approval number: AIIMS/BBSR/ENT/15/2022

Non-Funded

Departmental

Completed

1. Title: Incidence of adverse outcomes and risk factors for mortality among Mucormycosis patients in India: a multi-centric ambispective cohort study.
Name of the Principal Investigator: Dr Pradipta Kumar Parida
Start year, Duration: 2021, One year
IEC Approval number: T/EMF/ENT/21/26
2. Title: Efficacy of Posterior Nasal Neurectomy in patients of Chronic Rhinosinusitis with Nasal polyposis
Name of the guide: Dr Pradeep Pradhan
Start Year, Duration: 2019, 2 years
IEC approval number: IEC/ AIIMS BBSR/ PG Thesis/ 2019-20/ 107
3. Title: Shoulder dysfunction and Quality of life following Modified Radical Neck Dissection and Selective Neck Dissection- A Comparative Study
Name of the guide: Dr Pradipta Kumar Parida
Start Year, Duration: 2019, 2 years
IEC approval number: IEC/ AIIMS BBSR/ PG Thesis/ 2019-10/ 106

Ongoing

1. Title: Correlation between Narrow Band Imaging and Final Histopathology in the oral cavity, oropharynx, laryngeal and hypopharyngeal lesions- A Diagnostic Study
Name of the guide: Dr Pradipta Kumar Parida
Start Year, Duration: 2020, 2 years
IEC approval number: IEC/ AIIMS BBSR/ PG Thesis/ 2020-21/ 41
2. Title: Evaluating the accuracy of Cochlear Duct Length and 2-turn cochlear length estimation
Name of the guide: Dr Chappity Preetam
Start Year, Duration: 2020, 2 years
IEC approval number: IEC/ AIIMS BBSR/ PG Thesis/ 2020-21/ 57
3. Title: To study the efficacy of Low Molecular Weight Dextran in pedicled flap reconstruction for repair of the oromandibular defect in patients with malignant lesions of the oral cavity: A Randomized Controlled Trial
Name of the guide: Dr Dillip Kumar Samal
Start Year, Duration: 2021, 2 years
IEC approval number: IEC/ AIIMS BBSR/ PG Thesis/ 2020-21/ 103
4. Title: A Randomized Controlled Trial on effect of topical Tranexamic acid versus Topical Epinephrine on bleeding in Endoscopic ear surgeries
Name of the guide: Dr Saurav Sarkar
Start Year, Duration: 2021, 2 years
IEC approval number: IEC/ AIIMS BBSR/ PG Thesis/ 2020-21/ 102
5. Title: Effect of Speech and Swallow Therapy on Quality of life and Speech Intelligibility in patients with Squamous Cell Carcinoma of the tongue: A Randomized Controlled Trial
Name of the guide: Dr Pradipta Kumar Parida
Start Year, Duration: 2021, 2 years
IEC approval number: IEC/ AIIMS BBSR/ PG Thesis/2021-22/ 66
6. Title: A Randomized Control Study to compare the outcomes of Total Annular Excision Tympanoplasty and Conventional Tympanoplasty
Name of the guide: Dr Suarav Sarkar
Start Year, Duration: 2021, 2 years
IEC approval number: IEC/ AIIMS BBSR/ PG Thesis/ 2021-22/ 41
7. Title: Evaluation of Quality of Life in the preoperative and postoperative periods in patientS undergoing Rhinoplasty and Facial Aesthetics
Name of the guide: Dr Pradeep Pradhan
Start Year, Duration: 2022, 2 years
IEC approval number: IEC/AIIMS BBSR/PG/Thesis/2021-22/101

FORENSIC MEDICINE & TOXICOLOGY**Funded Projects****Ongoing**

1. Title of the Project: Establishment of a multicentre Identification portal and DNA database for identification of unidentified dead bodies in India by using molecular, bioinformatics tools and techniques
Name of the Principal Investigator: - Dr Manoj Kumar Mohanty
Funding agency: ICMR, Fund - INR16,11,338/
IEC approval number: T/EMF/FMT/21/68

Departmental**Ongoing**

1. Title of the project: Gross and microscopic profiling of liver in all fatal poisoning cases- an autopsy based observational study in tertiary care centre of eastern India.

- Name of the Principal Investigator: - Dr Manas Ranjan Sahu
IEC approval number: IEC/AIIMSBBBSR/PG Thesis/2021-22/58
2. Title of the Project: Missed injuries in Traumatic Deaths in a Tertiary Care Centre: An Autopsy Based Cross-Sectional Study.
Name of the Principal Investigator: - Dr Sudipta Ranjan Singh
IEC approval number: IEC/AIIMSBBBSR/PG Thesis/2021-22/100
 3. Title of the Project: A Cross-sectional Study to Know the RT-PCR Positivity and infectivity of SARS COV-2 in a Dead Body After 7 Days of Death.
Name of the Principal Investigator: - Dr Sudipta Ranjan Singh
IEC approval number: T/IM-NF/FM&T/21/178
 4. Title of the Project: Prevalence of Work Place Harassment in the working staff of a Tertiary Care Hospital in Eastern India.
Name of the Principal Investigator: - Dr Sudipta Ranjan Singh
IEC approval number: IEC/AIIMSBBBSR/PG Thesis/2021-22/53
 5. Title of the Project: Pattern of injuries among Fatal RTA victims: An autopsy based cross-sectional study
Name of the Principal Investigator: - Dr Sindhu Sudha Sahu
IEC approval number: T/IM-NF/FM&T/20/2018
 6. Title of the Project: "Socio-demographic Profile and Predictors Determining the Outcome in Cases of Near-hanging Admitted to a Tertiary Care Centre – A Five Years Prospective Study"
Name of the Principal Investigator: - Dr Sindhu Sudha Sahu
IEC approval number: T/IM-NF/FM&T/21/22
 7. Title of the Project: "Identifying the Unidentified: A 10-year cross sectional study"
Name of the Principal Investigator: - Dr Sindhu Sudha Sahu
IEC approval number: T/IM-NF/FM&T/21/88
 8. Title of the project: Comparison of psychological autopsy with medicolegal autopsy findings in case of suicidal deaths reported in a tertiary care centre- A descriptive Analytical Study
Name of the Principal Investigator: - Dr Manoj Kumar Mohanty
IEC approval number: IEC/AIIMSBBBSR/PG Thesis/2021-22/30
 9. Title of the project: Poisoning severity score as a predictor of outcome in cases of yellow oleander poisoning: A cross-sectional study at tertiary care centre
Name of the Principal Investigator: - Dr Manoj Kumar Mohanty
IEC approval number: IEC/AIIMSBBBSR/PG Thesis/2021-22/113
 10. Title of the project: Burden of fatty liver disease in Odisha: an autopsy based histopathologic study
Name of the Principal Investigator: Manas Ranjan Sahu
Duration – 2 years, Start year: 2020
IEC approval number: IEC No -T/IM-NF/ FMT/19/64
 11. A cross sectional study of knowledge, attitude and practice (KAP) on first aid, treatment and prevention of snakebite in the residents of house from where a snake is rescued.
Name of the Principal Investigator: - Dr Sudipta Ranjan Singh
IEC approval number: T/IM-NF/FMT/20/96

Completed

1. Title of the project: - An autopsy based cross-sectional study of injury patterns in fatal motor bike accidents
Name of the Principal Investigator: - Dr Sudipta Ranjan Singh
Duration: - 1.5 years Start year: - Jan 2020 to Jun 2021
IEC approval number: - IEC/AIIMS BBSR/PG Thesis/2019-20/79
2. Title of the project: - Knowledge, attitude and perception of relative towards autopsy-A cross sectional study in Odisha
Name of the Principal Investigator: - Dr Manas Ranjan Sahu
Duration: - 1.5 years Start year: - Jan 2020 to Jun 2021
IEC approval number: - IEC/AIIMS BBSR/PG Thesis/2019-20/81
3. Title of the project: - Profile of Acute Poisoning Cases and the Management Outcome. An observational study in a Tertiary Care Centre in Eastern India

Name of the Principal Investigator: - Dr Manas Ranjan Sahu
 Duration: - 1.5 years Start year: - Jul 2020 to Dec 2021
 IEC approval number: - IEC/AIIMSBBBSR/PG Thesis/2020-21/30

4. Title of the project: Determination of reference organ weights in different age groups of East Indian population at autopsy
 Name of the Principal Investigator: - Dr Manas Ranjan Sahu
 Duration – 1 year
 IEC approval number: IEC No -T/IM-NF/ FM&T/20/176
5. Title of the project: - Burden of fatty liver disease in Odisha: an autopsy based histopathologic study
 Name of the Principal Investigator: - Dr Manas Ranjan Sahu
 Duration: - 2 years Start year: - Feb 2020 to Jan 2022
 IEC approval number: - T/IM-NF/FMT/19/64
6. Title of the project: Analysis and identify the trend and causes behind MLC during Lockdown period of COVID-19– A cross sectional study in tertiary health care hospital in eastern India
 Name of the Principal Investigator: Manas Ranjan Sahu
 Duration – 3 months
 IEC approval number: IEC No -T/IM-NF/ FMT/20/53
7. Title of the project: Determination of reference organ weights in different age groups of East Indian population at autopsy
 Name of the Principal Investigator: Manas Ranjan Sahu
 Duration – 1 year
 IEC approval number: IEC No -T/IM-NF/ FMT/20/176
8. Title of the project: Pattern of injuries and their socio-demographic determinants of physical assault victims' presenting to the emergency department of a tertiary care hospital in eastern India
 Name of the Principal Investigator: Manas Ranjan Sahu
 Duration – 1 year
 IEC approval number: IEC No -T/IM-NF/ FMT/20/216

GASTROENTEROLOGY

Funded Projects

Ongoing:

1. Title of the project- Determination of pattern of functional, biochemical and immunological response associated with subgroups of functional dyspepsia: An observational study.
 Name of the Principal Investigator - Dr Subash Chandra Samal
 Funding Agency- DBT: SERB
 Duration- 3 Years, Start Year- 2020, Funds- INR 40,00,000
 IEC approval number- CRG/2019/003355
2. Title of the project- To study the safety and synergistic anticancer actions of anthelmintic drug mebendazole and the multikinase inhibitor lenvatinib, in patients with advanced hepato cellular carcinoma.
 Name of the Principal Investigator - Dr Manas Kumar Panigrahi
 Funding Agency: DBT-BIRAC
 Duration- 4 years, Start Year- 2021, Funds- INR 93,00,000
 IEC approval number- T/EMF/Gastro/20/41
3. Title of the project- Role of splenic stiffness measurement by a novel spleen dedicated transient elastography in predicting high risk esophageal varices in patients with liver cirrhosis.
 Name of the Principal Investigator - Dr Manas Kumar Panigrahi
 Duration- 3 Years, Start year- 2021
 IEC approval number: IEC/AIIMS BBSR/PGThesis/2021-22/22.

Departmental:**Completed:**

1. Title of the project- The effect of proton pump inhibitors on Helicobacter pylori related gastritis with endoscopic and histopathological correlation.
Name of the Principal Investigator - Dr Subash Chandra Samal
Duration- 3 years, Start year- 2018
IEC approval number- IEC/AIIMSBSR/PG Thesis/2018-19/42
2. Title of the Project: Comparison of standard medical treatment and N-acetyl cysteine in acute on chronic liver failure: A randomised controlled trial.
Name of the Principal Investigator - Dr Subash Chandra Samal
Duration- 3 years, Start year- 2018
IEC approval number- IEC/AIIMS BBSR/PG THESIS/2019-20/75
3. Title of the Project- Comparison of the efficacy of triple, quadruple and sequential antibiotic therapy in eradicating Helicobacter pylori infection: A randomized controlled trial.
Name of the Principal Investigator – Dr Manas Kumar Panigrahi
Duration- 3 years, Start year- 2019
IEC approval number- IEC/AIIMS BBSR/PG THESIS/2019-20/27

Ongoing:

1. Title of the Project- GUT inflammation and gastric electrical activities in all three subtypes of functional dyspepsia: A cross sectional observational study.
Name of the Principal Investigator - Dr Subash Chandra Samal
Duration- 3 Years, Start Year- 2020
IEC approval number- IEC/AIIMS BBSR/PG THESIS/2020-21/38.
2. Title of the Project- GUT- Brain dysfunction in various subgroup of functional dyspepsia: A cross Sectional observational study.
Name of the Principal Investigator – Dr Manas Kumar Panigrahi
Duration- 3 Years, Start year- 2020
IEC approval number- IEC/AIIMS BBSR/PG THESIS/2020-21/37.
3. Title of the project- Role of splenic stiffness measurement by a novel spleen dedicated transient elastography in predicting high risk esophageal varices in patients with liver cirrhosis.
Name of the Principal Investigator – Dr Manas Kumar Panigrahi
Duration- 3 Years, Start year- 2021
IEC approval number: IEC/AIIMS BBSR/PGThesis/2021-22/22.
4. Title of the Project- The role of endoscopic ultrasound (EUS) Elastography guided fine needle aspiration cytology (FNAC) versus conventional EUS FNAC for the diagnosis of solid pancreatic lesions.
Name of the Principal Investigator – Dr Hemanta Kumar Nayak
Duration- 3 Years, Start year- 2021
IEC approval number- IEC/AIIMS BBSR/PGThesis/2021-22/14.
5. Title of the project- Comparison of colonoscopy bowel preparation with standard colon cleaning regimen using polyethylene glycol versus Laghu Shankha Prakashana (LSP)
Name of the Principal Investigator – Dr Manas Kumar Panigrahi
Duration- 1 Year, Start Year- 2020
IEC approval number- T/IM_NF/Gastro/19/77
6. Title of the project- The role of Endoscopic ultrasound (EUS) guided Fine-needle biopsy (FNB) versus EUS guided fine-needle aspiration cytology (FNAC) for the diagnosis of solid pancreatic lesions- A prospective randomized study
Name of the Principal Investigator – Dr Hemanta Kumar Nayak
Duration- 2 year, Start Year- 2022
IEC approval number- IEC/AIIMS BBSR/PG Thesis/2022-23/42
7. Title of Project: To compare the efficacy paracetamol with tramadol, an opiate analgesic for adequate analgesia in patients with acute pancreatitis
Name of the Principal Investigator – Dr Hemanta Kumar Nayak
Duration- 2 year, Start Year- 2022
IEC approval number- T/IM-NF/Gastro/21/59

GENERAL MEDICINE

Funded Projects:

Ongoing

1. Title of the project - Glycated albumin (GA) as an adjuvant to Glycated haemoglobin (HbA1c) for monitoring glycemic status in Diabetic patients with anemia attending a tertiary care Institution of Eastern India
Name of the Principal Investigator - Dr Anupam Dey
Funding agency - AIIMS, Bhubaneswar
Duration; 2 years, start year; 2020,
Funds - INR 1,90,000
IEC approval number: T/IM-F/19-20/07
2. Title of the project - Effect of glycaemic control on blood B-type natriuretic peptide (BNP) level in patients with type 2 diabetes without heart failure.
Name of the Principal Investigator - Dr Rashmi Ranjan Mohanty
Funding agency - AIIMS, Bhubaneswar
Duration; 1 year, start year; 2020,
Funds - INR 5,00,000
IEC approval number: T/IM-F/19-20/08
3. Title of the project - Role of Dorsal Sural Nerve Conduction Study in cases of Suspected Megaloblastic Anaemia Patients having low normal or deficient Vit. B12 levels with specific reference to Peripheral Neuropathy.
Name of the Principal Investigator - Dr Debananda Sahoo
Funding agency - AIIMS, Bhubaneswar
Duration; 1 year, start year; 2021
Funds - INR 1,16,000
IEC approval number: T/IM-F/20-21/14
4. Title of the project - Effectiveness of vitamin D as an adjuvant to amitriptyline therapy in Migraine- A single blinded Randomised placebo controlled trial in a tertiary care institute
Name of the Principal Investigator - Dr Anupama Behera
Funding agency - AIIMS, Bhubaneswar
Duration; 1 year, start year; 2021
Funds - INR 3,13,080
IEC approval number: T/IM-F/20-21/16
5. Title of the project - Evaluation of Vitamin D status and salivary alpha amylase activity in Functional Dyspepsia
Name of the Principal Investigator - Dr Dhriti Sundar Das
Funding agency - AIIMS, Bhubaneswar
Duration; 1 year, start year; 2021
Funds - INR 4,85,912
IEC approval number: T/IM-F/20-21/17

Non Funded:

Departmental:

Completed

1. Title of the project - A hospital based observational study to look for the association of serum ferritin levels with glycemic status and microvascular complications in patients with diabetes as compared to non diabetic individuals
Name of the Principal Investigator - Dr Anupam Dey
Duration; 2 years, Start Year; 2019
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2019-20/38
2. Title of the project - Role of Serum Biomarkers C Reactive protein (CRP), Procalcitonin, Interleukin 6 (IL6) in Determining Bacterial Infection in Adult Patients Presenting with Acute Febrile Illness – An Observational Study
Name of the Principal Investigator - Dr Rashmi Ranjan Mohanty
Duration: 2 years, Start Year; 2019
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2019-20/39

3. Title of the project - Role of Anti Carbamylated Protein (anti -CarP) in Early Rheumatoid Arthritis and its Association with Disease Severity - A Cross Sectional Study in Eastern India
Name of the Principal Investigator - Dr Rashmi Ranjan Mohanty
Duration; 2 years, Start Year; 2019
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2019-20/85
4. Title of the project - Study of clinicopathological parameters in complicated versus uncomplicated scrub typhus: A Prospective observational study in Eastern India
Name of the Principal Investigator - Dr Sujata Devi
Duration; 2 Years, Start Year; 2020
IEC approval number: IEC/AIIMS/BBSR/PG Thesis/2019-20/86

Ongoing

1. Title of the project - Electrocardiographic features in patients with COVID 19
Name of the Principal Investigator - Dr Anupam Dey
Duration; 4 months, Start Year; 2021
IEC approval number: T/IM-NF/Gen.Med/21/15
2. Title of the project - A modified clinical teaching approach using online tools
Name of the Principal Investigator - Dr Anupam Dey
Duration; 3 months, Start Year; 2022
IEC approval number: T/IM-NF/Gen.Med/21/155
3. Title of the project - Association of serum Vitamin D levels with disease outcome in COVID- 19 patients.
Name of the Principal Investigator - Dr Sujata Devi
Duration; 1 year, Start Year; 2021
IEC approval number: T/IM-NF/Gen. Med/21/13
4. Title of the project - A clinical study of meningitis in a tertiary care centre in eastern India with reference to serum and cerebrospinal fluid procalcitonin as biomarkers to aid in diagnosis of bacterial meningitis
Name of the Principal Investigator - Dr Anupam Dey
Duration; 2 years, start year; 2021
IEC approval number: T/IM-F/20-21/17
5. Title of the project - Blood level of serotonin in fairly controlled and poorly controlled type 2 diabetes mellitus patients – An observational cross- sectional study
Name of the Guide - Dr Rashmi Ranjan Mohanty
Duration; 2 years, Start Year; 2020
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2020-21/76
6. Title of the project - Estimation of blood lactate levels as a prognostic marker in aluminium phosphide poisoning: A hospital based prospective observational study in tertiary care hospital
Name of the Principal Investigator - Dr Sujata Devi
Duration; 2 years, Start Year; 2020
IEC approval number: IEC/AIIMS/BBSR/PG Thesis/2019-20/83
7. Title of the project - Association of serum level of Interleukin-33 in patients of heart failure vs healthy population attending a tertiary health care centre- An observational study.
Name of the Principal Investigator - Dr Anupama Behera
Duration; 2 years, Start Year; 2021
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2021-22/09
8. Title of the project - Association between Liver Fibrosis Scores and short-term clinical outcomes in hospitalised patients with Chronic Kidney Disease- A prospective observational study.
Name of the Principal Investigator - Dr Dhriti Sundar Das
Duration; 2 years, Start Year; 2021
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2020-21/89
9. Title of the project – Clinico-epidemiology and treatment outcome of patients with extra-pulmonary tuberculosis admitted in a tertiary care centre: A prospective observational study
Name of the Principal Investigator - Dr Rashmi Ranjan Mohanty
Duration; 2 years, Start Year; 2021

IEC approval number: IEC/AIIMS BBSR/PG Thesis/2021-22/104

10. Title of the project – Correlation between serum uric acid levels and target organ damage in apparently healthy subjects with new onset Grade I/ Grade II essential hypertension- A cross-sectional study.

Name of the Principal Investigator - Dr Debananda Sahoo

Duration; 2 years, Start Year; 2021

IEC approval number: IEC/AIIMS BBSR/PG Thesis/2021-22/25

Collaborative

Ongoing

1. Title of the project - A multi-centric, randomized, double blind, parallel group, active controlled, comparative Phase III clinical trial to evaluate the efficacy and safety of FDC of Mirabegron 25mg/50mg (ER) plus Solifenacin succinate 5mg/5mg tablet versus Mirabegron 25mg/50mg (ER) tablet, Solifenacin succinate 5mg tablet in subjects diagnosed with Overactive bladder

Name of the Principal Investigator - Dr Debananda Sahoo

Funding agency - Windlas Biotech Pvt Ltd

Duration; 1 year, start year; 2019

Funds - INR 3,56,500

IEC approval number: T/EMF/Gen Med/ 19/ 15

GENERAL SURGERY

Funded Project

Completed

1. Title of the project-An open label, comparative, post marketing study to evaluate the efficacy and safety of DRONAIID dressing (activated charcoal absorption gauge) vs saline gauge dressing used on surgical wound.

Name of the PI - Dr Tushar S Mishra

Funding agency- Neosoteria Bandages private limited

Duration:1 year, start year: 2019

Funds - INR 1,02,075

IEC approval number: T/EMF/Gen.Surg/19/27

2. Title of the project-Role of serum Tissue plasminogen activator (t-PA:Ag)levels in patients with Diabetic foot infections.

Name of the PI - Dr S Manwar Ali

Funding agency - AIIMS, Bhubaneswar

Duration: 2 years, Start year: 2018

Funds - INR 1,17,000

IEC approval number: T/IM-F/28/2018

Ongoing

1. Title of the project- Leucocyte Platelet Rich Fibrin versus conventional saline dressing in Non-Healing Foot Ulcers – A Randomised Clinical Trial

Name of the PI – Dr Bikram Rout

Funding Agency – AIIMS Bhubaneswar

Duration: 2 years Start year: 2022

Funds: INR 1,25,000

IEC approval number: T/IM-F/21-22/32

2. Title of the project-A Phase III Randomized, Multicenter, Open Label, Parallel Groups, Non-inferiority Study to Evaluate the Efficacy and Safety of Dalbavancin in Comparison with Comparator Regimen (Vancomycin Followed by Linezolid) for the Treatment of Patients with Acute Bacterial Skin and Skin Structure Infections (ABSSSIs) (The DIVERSE Trial).

Name of the PI – Dr Pankaj Kumar

Funding agency – AIIMS, Bhubaneswar

Duration: 2 years, Start year: 2020

Funds: INR 1,75,000

IEC approval number: T/EMF/Gen.Surg/19/32

3. Title of the project – Comparing effectiveness of Centchroman and Tamoxifen in mastalgia
Name of the PI – Dr Mithilesh K Sinha
Funding agency – AIIMS, Bhubaneswar
Duration: 2 years, start year: 2020
Funds: INR 21,000
IEC approval number: T/IM-F/19-20/13
4. Title of the project- Patient controlled wound infusion versus epidural infusion of ropivacaine for post-operative pain relief in midline laparotomy wound- A randomized control trial (WIRELESS Trial).
Name of the PI – Dr Pankaj kumar
Funding agency – AIIMS, Bhubaneswar
Duration: 2 years, Start year: 2020
Funds: INR 5,00,000
IEC approval number: T/IM-F/19-20/10
5. Title of the project- Feasibility of targeted axillary dissection by tattooing: A prospective cohort Study.
Name of the PI – Mithilesh k Sinha
Funding agency – AIIMS, Bhubaneswar
Duration: 2 years, Start year: 2020
Funds: INR 26,09,000
IEC approval number: T/EMF/Gen.Surg/20/02
6. Title of the project - A triple blind, randomized, comparative, parallel group study to compare efficacy of diclofenac gel with oral diclofenac in mastalgia.
Name of the PI – Dr Pradeep Kumar Singh
Funding agency – AIIMS, Bhubaneswar
Duration: 3 years, start year: 2018
Funds: INR 1,90,000
IEC approval number: T/IM-F/18-19/22

Non Funded projects

Departmental

Completed

1. Title of the project – Saddle versus perianal block for benign anorectal surgeries: A Prospective randomized controlled trial (SPARK Trial).
Name of the PI –Dr Pankaj Kumar
Duration: 2 years, Start year: 2020
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2020-21/46
2. Title of the project – Comparison of Laparoscopic Port Site Skin Closure Techniques: Transcutaneous Suturing Versus Subcuticular Sutures Versus Adhesive Strips: A Prospective Single Blinded Randomized Control Trial.
Name of the PI – Dr Pradeep Kumar Singh
Duration: 2 years, Start year: 2020
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2020-21/21
3. Title of the project – Nerve identification during Lichtenstein hernioplasty.
Name of the PI – Dr Mithilesh k Sinha
Duration: 2 years, Start year: 2020
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2020-21/22
4. Title of the project – Enhanced recovery after surgery versus conventional approach in peptic perforation- A Randomized Controlled Trial
Name of the PI – Dr Tushar S Mishra
Duration: 3 years, Start year: 2019
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2019-20/65
5. Title of the project – Comparison of Surgical Site Infection (SSI) between Negative Pressure Wound Therapy Assisted Delayed Primary Closure and Conventional Delayed Primary Closure in Grossly Contaminated Emergency Surgeries:

A Randomized Controlled Trial.

Name of the PI – Dr Pradeep Kumar Singh

Duration: 2 years, Start year: 2019

IEC approval number: IEC/AIIMS BBSR/PG Thesis/2019-20/58

6. Title of the project – Validating the concept of depth of Premammary fascia and Breast parenchyma with Histological correlation in Mastectomy for determining optimum skin flap thickness to prevent necrosis: A prospective cross-sectional study.
Name of the PI – Dr Prakash Kumar Sasmal
Duration: 2 years, Start year: 2019
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2019-20/51
7. Title of the project – Correlation of Trauma scoring systems with outcome in abdominal trauma
Name of the PI – Dr Prakash Kumar Sasmal
Duration: 2 years, Start year: 2018
IEC approval number: IEC/AIIMS BBSR/STS/2018-19/07.
Ongoing
8. Title of the project – Comparison of role of 40% versus 80% Fio2 intraoperatively in reduction of SSI in patients undergoing emergency exploratory laparotomy: a double blinded non inferiority trial
Name of the PI – Dr Bikram Rout
Duration: 3 years, Start year :2022
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2021-22/109
9. Title of the project – Efficacy of Poly Ethelene Glycol vs Lactulose with Isabgol in Acute fissure-in-Ano: A Randomized Control Trial. (PEGASIS trial)
Name of the PI – Dr Prakash Kumar Sasmal
Duration: 2 years, Start year: 2021
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2021-22/51
10. Title of the project – Comparison of scoring systems of appendicitis with respect to diagnosis of patients-a prospective observational study.
Name of the PI – Dr Shanatanu Kumar Sahoo
Duration: 2 years, Start year: 2021
IEC approval number – IEC/AIIMS BBSR/PG Thesis/2021-22/47
11. Title of the project – Impact of drain in the efficacy of eras pathway in patients of peptic perforation- a ran-domized controlled trial (TUBELESS trial)
Name of the PI – Dr Tushar S Mishra
Duration: 1 year, Start year: 2021
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2020-21
12. Title of the project – Electronic communication vs verbal communication alone in improvement in compliance with I COUGH elements – a randomized controlled trial(E I COUGH trial)
Name of the PI – Dr Pankaj kumar
Duration: 2 years, Start year: 2021
IEC approval number: T/IM-NF/Gen.surg/21/30
13. Title of the project – Study of the pattern and the magnitude of animal related injuries in aTertiary care center in Eastern India - An Observational study.
Name of the PI – Dr S Manwar Ali
Duration: 2 years, Start year: 2020
IEC approval number: T/IM-NF/Gen.Surg/20/93
14. Title of the project – Scissor vs Electrocautery for raising the breast flaps: A double blind randomized controlled Trial (FABRECS Trial).
Name of the Principal Investigator – Dr Pankaj kumar
Duration: 3 years, Start year: 2020
IEC approval number: T/IM-NF/Gen.Surg/20/68
15. Title of the project – Comparative study of Micro dressing and standard dressing in diabetic foot ulcer.
Name of the PI – Dr Pankaj Kumar

Duration: 2 years, Start year: 2020

IEC approval number: T/IM-NF/Gen.Surg/20/67

16. Title of the project – Wound vs suture length ratio as a predictor of Incisional Hernia- A cohort study. (WISER Trial).
Name of the PI – Dr Pankaj Kumar
Duration: 10 years, Start year: 2020
IEC approval number: T/IM-NF/Gen.Surg/20/44
17. Title of the project – FIPS vs LIFT for Fistula in Ano- A double- blind randomized controlled trial (FILIP trial).
Name of the PI – Dr Pankaj Kumar
Duration: 2 years, Start year: 2020
IEC approval number: T/IM-NF/Gen.Surg/20/43
18. Title of the project – Efficacy of Hydrogen peroxide and methylene blue (HPMB) cocktail for delineating the fistulous tract- A diagnostic accuracy study.
Name of the PI – Dr Pankaj Kumar
Duration: 4 years, Start year: 2019
IEC approval number: T/IM-NF/Surg/19/38
19. Title of the project – Small bite continuous suture closure vs. mass closure of midline abdominal incision in emergency- A prospective, double blind, randomized controlled trial (SMILE Trial).
Name of the PI – Dr Pankaj Kumar
Duration: 8 years, Start year: 2019
IEC approval number: T/EMF/Gen.Surg/19/28
20. Title of the project – Comparison of gall stones of benign and malignant gall bladder diseases by Raman Spectroscopy.
Name of the PI – Dr Pankaj Kumar
Duration: 3 years, Start year: 2020
IEC approval number: T/IM-NF/Gen.Surg/20/126
21. Title of the project – Determine the efficacy of closed suction drain after hydrocelectomy in primary vaginal hydrocel: An open-label randomized controlled trial (End trial)
Name of the PI – Dr Prakash Kumar Sasmal
Duration: 2 years, Start year: 2020
IEC approval number: T/IM-NF/Gen.Surg/20/45

Collaborative

1. Title of the project – Globalsurg-Covidsurg Week: Determining the Optimal Timing for Surgery following SARS-COV-2 Infection
Name of the PI – Dr Tushar S Mishra
Duration: 1 year, Start year: 2020
IEC approval number: T/EMF/Gen.Surg/20/48

HOSPITAL ADMINISTRATION

Funded Projects

Completed:

1. Title of the project- Role of training in improving the Knowledge and Practices of Health Care Professionals (HCPs) in Bio-Medical Waste Management practices at AIIMS, Bhubaneswar
Name of Principal Investigator - Dr (Maj.) Mukunda Chandra Sahoo
Duration- 1 Year, Start year- 2020, Funds- INR 60,000.
Funding agency- AIIMS, Bhubaneswar
IEC approval number- IMF/30/2018

Ongoing:

1. Title of the project- Development of a Leadership Programme for Senior Doctors at AIIMS Bhubaneswar based on Leadership Training Needs and Prevailing Leadership Styles.

Name of Principal Investigator - Dr Jawahar SK Pillai
 Duration- 1 Year 6 months, Start year- 2021, Funds- INR 480,000.
 Funding agency- Intramural Funding, AIIMS, Bhubaneswar
 IEC approval number- IMF/

Departmental:

Completed:

1. Title of the project- A study of pharmacy inventory control system using ABC-VED analysis of a tertiary hospital in an institute of national importance in Eastern India.
 Name of the Principal Investigator- Dr Jawahar S K Pillai
 Duration- 3 years, Start year- 2019
 IEC approval number- T/IM/NF/HOSADMIN/19/56
2. Title of the project- Activity Based costing to ascertain the cost of surgical ICU bed at an in institute of national importance.
 Name of the Principal Investigator- Dr Jawahar S K Pillai
 Duration-3 years, Start year- 2019
 IEC approval number: IEC/AIIMSBBSR/PGThesis/2019-20/34
3. Title of the project- A study on social media enabled Telemedicine services at a health institute of national importance during the Corona Crisis.
 Name of the Principal Investigator- Dr Jawahar S K Pillai
 Duration- 1 year, Start year- 2020
 IEC approval number: T/IM/NF/HOS.ADMIN/20/49
4. Title of the project- Covi – 19 and Social media; The Doctors opinion.
 Name of the Principal Investigator- Dr Jawahar S K Pillai
 Duration- 1 year, Start year- 2021
 IEC approval number: T/IM/NF/HOS.ADMIN/21/116

Ongoing

1. Title of the project- Study of Hazard Identification and Risk Assessment at AIIMS Bhubaneswar.
 Name of the Principal Investigator- Dr (Maj) Mukunda Chandra Sahoo
 Duration-3 Years, Start year-2019,
 IEC approval number- IEC/AIIMSBBSR/PGThesis/2019-20/80
2. Title of the project- A study on the safety practices among the doctors amidst COVID-19 at AIIMS Bhubaneswar. Name of the Principal Investigator- Dr Jawahar S K Pillai
 Duration-1 Year, Start year- 2021
 IEC approval number- T/IM-NF/HOS.ADMIN/20/204
3. Title of the project- A study on COVID-19 management at AIIMS Bhubaneswar
 Name of the Principal Investigator- Dr Jawahar S K Pillai
 Duration- 1 year, Start year: 2020
 IEC approval number- T/IM-NF/HOS.ADMIN/20/42
 Collaborative projects

Ongoing

1. Title of the project- Evidence based health systems reforms in India-Quality of care in Hospitals.
 Name of Principal Investigator- Dr Gitanjali Batmanabane, Dr Jawahar S K Pillai
 Duration-3 Years, Start year- 2019
 Funding agency- Harvard T H Chan School of Public Health & Govt of Odisha
 IEC approval number: T/EMF/HOS.ADMIN/11

MEDICAL EDUCATION UNIT

Funded Project:

On going

1. Title of the project - MedSIM 2.0 - Online Skills Lab and Virtual patient cases.
Name of the Principal Investigator - Dr Priyadarshini Mishra.
Funding agency – Ministry of Electronics and Information Technology.
Duration: 3 year, Start year: 2022
Funds - INR 9,56,000
IEC approval number - T/EMF/Physio/21/62.

MEDICAL ONCOLOGY/HAEMATOLOGY

Funded Projects

Ongoing

1. Title of the project- Silent cerebral infarction and neurocognitive impairment in sickle cell anemia patients: Analysis of underlying risk factors.
Name of the Principal Investigator - Dr Sonali Mohapatra
Duration: 1 year, Start year: 2019,
Funds- INR 3,01,000. Funding agency- AIIMS, Bhubaneswar
IEC approval No: T/IM-F/18-19/45
2. Title of the project- A Randomized Open-Label, Phase 3 Study to Evaluate Imetelstat Versus Best Available Therapy (BAT) in Patients in Intermediate-2 or High-risk Myelofibrosis (MF) Refractory to Janus Kinase (JAK) Inhibitor.
Name of the Principal Investigator - Dr Ashutosh Panigrahi
Funding agency- Geron Pharmaceuticals
Duration: 1 year, Start year: 2020, Funds- INR 1,63,098.
IEC approval No: T/EMF/Med.Onco/21/64

Departmental

1. Title of the project- A Prospective observational Study of the Prognostic Role of Procalcitonin Compared with highly Sensitive C Reactive Protein (hs CRP) in patients >15 yrs of age with Acute Lymphoblastic Leukaemia/Lymphoma with Febrile Neutropenia.
Name of the Principal Investigator - Dr Prabodha Kumar Das
Duration: 3 years, Start year: 2020
IEC Approval No: IEC/AIIMS BBSR/PG Thesis/2020-21/78
2. Title of the project- Study of Efficacy of Low Dose Dasatinib (50mg Daily) As Upfront Treatment of Chronic Myeloid Leukemia – Chronic Phase
Name of the Principal Investigator - Dr Ashutosh Panigrahi
Duration: 3 years, Start year: 2021
IEC Approval No: IEC/AIIMS BBSR/PG Thesis/2020-21/78
3. Title of the project: Renal complications in Indian children with sickle cell anemia and analysis of underlying risk factors
Name of the Principal Investigator - Dr Sonali Mohapatra
Duration- 3 years, start year- 2021
IEC Approval No: IEC/AIIMS BBSR/PG Thesis/2020-21/36
4. Title of the project: Effectiveness of short chain fatty acids in reducing the incidence of febrile neutropenia and bloodstream infections in pediatric acute lymphoblastic leukemia patients under induction chemotherapy- A randomized trial
Name of the Principal Investigator - Dr Sonali Mohapatra
Duration- 3 years, start year- 2022
IEC Approval No: IEC/AIIMS BBSR/PG Thesis/2021-22/78

Collaborative projects:**Completed:**

1. Title of the project- Accessing Childhood Cancer services in India (ACCESS INDIA STUDY)": Indian Pediatric Oncology Group (In POG) multicentric study
Name of the Principal Investigator - Dr Sonali Mohapatra
Duration: one year, Start year: 2020, Funds- INR 1,00,00,000.
Funding agency- Tata Trust, Jiv Daya Foundation, Cankids
IEC Approval No: T/EMF/Med.Onco/19/24

Ongoing

1. Title of the project- Setting up of registry for renal complications in Indian children with Sickle Cell Disease: The Indian Sickle Cell Nephropathy (ISN) Consortium.
Name of the Principal Investigator - Dr Sonali Mohapatra
Funding agency- ICMR
Duration: 3 years, Start year: 2022, Funds- INR 7,50,000.
IEC approval No: T/EM-F/20/Med.Onco/45

MICROBIOLOGY**Funded Projects****Ongoing (Extramural)**

1. Title of the project- Capacity Building and Strengthening of Hospital Infection Control to detect and prevent antimicrobial resistance in India (CDC Funded Multi centric Project-Site PI)
Name of Site Principal Investigator- Dr Bijayini Behera
Name of the funding agency-CDC
Duration: Four years, Start year: 2022, Funds- INR 8,87,280 per year
IEC approval No: T/EMF/Micro/21/57
2. Title of the project: 'MISSION': A Multi-Centric Capacity Building Initiative to Strengthen the Clinical and Laboratory Detection of Melioidosis in India with special focus on the North Eastern States (ICMR Funded Multi centric Project-Site PI)
Name of Site Principal Investigator- Dr Bijayini Behera
Name of the funding agency- ICMR
Duration: Three years, Start Year: 2022, Funds- INR 48,46,60
IEC approval No: T/EMF/Micro/21/72
3. Title of the project – Advanced Molecular and diagnostics research centre for fungal infections
Name of Principal Investigator – Dr Vinaykumar Hallur
Name of the funding agency- ICMR
Duration: Five years, Start year:2021, Funds- INR 5,00,00,000
IEC approval No: T/EMF/Micro/20/84
4. Title of the project – FISF Multicenter Mucormycosis in COVID(MUCOVI-2)
Name of Principal Investigator-Dr Vinaykumar Hallur
Name of the funding agency- FISF Through WHO
Duration: Three months, Start year: 2021, Funds- INR 75,000
IEC approval No: T/EMF/Micro/21/18
5. Title of the project: Development and evaluation of a Recombinase Polymerase Amplification-Lateral Flow Assay for rapid detection of Burkholderia pseudomallei
Name of Principal Investigator- Dr Bijayini Behera
Name of the funding agency- The Indian Council of Medical Research (ICMR)
Duration: Three years, Start Year: 2021, Funds- INR 45,26,002
IEC approval No: T/EMF/Micro/20/09

6. Title of the project: Evaluation of stool specimens for the diagnosis of paediatric pulmonary tuberculosis by X Pert MTB Rif assay.
Name of the Principal Investigator - Dr Baijayantimala Mishra
Funding agency-Operational research, NTEP, Odisha
Duration: Three year, Start year: 2020, Funds- INR 200000
IEC approval number: T/EMF/Micro/20/28
7. Title of the project: A study on detection of *Fusobacterium necrophorum* as an emerging etiological agent of acute pharyngitis and pharyngotonsillitis
Name of the Principal Investigator- Dr Srujana Mohanty
Funding agency-ICMR
Duration: Three years, Start year: 2020, Funds- INR 32,70,080
IEC approval number: T/EMF/Micro/19/46
8. Title of the project: Molecular characterization of *Burkholderia pseudomallei* lipopolysaccharide genotypes and variable virulence factors in septicemic and localized melioidosis
Name of Principal Investigator- Dr Bijayini Behera
Name of the funding agency- The Indian Council of Medical Research (ICMR)
Duration: Three years, Start Year: 2020, Funds-INR 6,69,880
IEC approval No: T/EMF/Micro/20/63
9. Title of the project: Rotaviral diarrhoea among children aged six months to five years- Post Rota vaccination scenario in Khurda district of Odisha (Eastern part of India)
Name of the Principal Investigator – Dr Ashoka Mahapatra
Name of the Funding agency – National Health Mission (NHM) Odisha
Duration: 18 months, Start year: 2020, Funds- INR 6,70,000
IEC approval number: T/EMF/Micro/19/20
10. Title of the project – Translational Consortium for Chikungunya virus infection (Multicentric project)
Name of the Principal Investigator- Dr Baijayantimala Mishra
Name of the Funding agency- Biotechnology Industry Research Assistance Council
Duration: Four years, Start year: 2019, Funds- INR 21,91,000
IEC approval number: T/EMF/Micro/19/09
11. Title of the project - Harmonized One Health Trans-species and community Surveillance for Tackling antimicrobial Resistance in developing country context (HOT-STAR)-India" (Multi-centric Project)
Name of the Principal Investigator - Dr Ashoka Mahapatra
Name of the Funding agency: Biotechnology Industry Research Assistance Council (BIRAC) through INCLEN
Duration: One year, Start year: 2019, Funds- INR 3, 24,000
IEC approval number: T/EMF/Micro/18/16
12. Title of the project - Development of multiplex recombinase polymerase amplification (RPA) based diagnostic test for invasive fungal infection.
Name of Principal Investigator-Dr Vinaykumar Hallur
Name of the funding agency- DST SERB
Duration: Three years, Start year: 2019, Funds- INR 33, 94, 534
IEC approval No: T/EMF/Micro/18/11

Ongoing (Intramural)

1. Title of the project: Correlation of *Mycobacterium tuberculosis* lineages with Clinco-epidemiological and drug resistance profile.
Name of the Principal Investigator- Dr Baijayantimala Mishra
Name of the Funding agency- AIIMS, Bhubaneswar
Duration: Three years, Start year: 2021, Funds- INR 10,260,000
IEC Approval number: T/IM-F/21-22/27
2. Title of the project - Development of Recombinase Polymerase Amplification based test for rapid detection of *Candida auris*
Name of the Principal Investigator- Dr Vinaykumar Hallur
Funding agency-AIIMS Bhubaneswar

Duration: One year, Start year: 2021, Funds- INR 5,00,000
IEC Approval number: T/IM-F/20-21/08

Completed

1. Title of the project: Molecular detection of carbapenemase enzymes directly from positive blood cultures using Xpert Carba-R.
Name of the Principal Investigator- Dr Bijayini Behera
Name of the funding agency - AllMS, Bhubaneswar
Duration: One year, Start Year: 2020, Funds- INR 4,94,560
IEC approval No: T/IM-F/19-20/01

Non-funded Projects

Ongoing

1. Title of the project: Surveillance of multidrug-resistant, extensively drug-resistant and pandrug-resistant organisms for the healthcare facilities using automated antimicrobial susceptibility system – A large scale national multi-centric study
Name of the Principal Investigator- Dr Srujana Mohanty
Duration: Six months, Start year: 2021
IEC approval number: T/EMF/Micro/21/23
2. Title of the project Impact of conducting hand hygiene audit in COVID-19 care locations of India-A large scale National Multi-centric Study" (Project-Site PI) Nodal Centre: JIPMER
Name of Site Principal Investigator- Dr Bijayini Behera
Duration: Six months, Start year: 2022
IEC approval No: T/EM-F/Micro/21/40
3. Title of the project – Mucormycosis and Hospital environment
Name of the Principal Investigator – Dr Vinaykumar Hallur
Duration: 3 months, Start year: 2021
IEC approval No- T/EMF/Micro/21/30

Departmental

Completed

1. Title of the project-Multidrug -resistant organisms (MDROs) carriage in haemodialysis patients
Name of the Principal Investigator- Dr Kavita Gupta
Duration: Two months, Start year: 2021
IEC approval No: IEC/AIIMS BBSR/STS/2020-21/01
2. Title of the project - Molecular identification and antifungal susceptibility of dermatophytes isolated from patients with recurrent dermatophytoses from a tertiary care centre in Odisha.
Name of the Principal Investigator-Dr Vinaykumar Hallur
Duration: 2 years, Start year: 2020
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2020-21/43
3. Title of the Thesis- Clinico- microbiological analysis of blood stream infections due to non-fermenting Gram-negative bacilli except *Acinetobacter baumannii* and *Pseudomonas aeruginosa*
Name of the Principal Investigator- Dr Ashoka Mohapatra
Duration: Two years, Start year: 2020
IEC approval number: IEC/AIIMSBBSR/ PG Thesis/2020-21/59
4. Title of the project- Occurrence and characterization of hypervirulent *Klebsiella pneumoniae* isolates in an Indian tertiary care hospital
Name of the Principal Investigator- Dr Srujana Mohanty
Duration: Two years, Start year: 2019
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2019-20/05

5. Title of the project- Phenotypic and Gentotypic characterization of Tigecycline resistance among clinical isolates of *Acinetobacter baumannii*.
Name of the Principal Investigator- Dr Ashoka Mahapatra
Duration: Two years, Start year: 2019
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2019-20/08
6. Title of the project- In vitro activity of Cefiderocol, a novel siderophore cephalosporin against Carbapenem resistant Gram-negative bacilli
Name of Principal Investigator- Dr Bijayini Behera
Duration: Two years, Start year: 2019
IEC approval No: IEC/AIIMS BBSR/PG THESIS/2019-20/100
7. Title of the project: Serogroup distribution and antimicrobial susceptibility profile of beta-hemolytic streptococci isolated from skin and soft-tissue infections
Name of the Principal Investigator-Dr Srujana Mohanty
Duration: Four years, Start year: 2017
IEC approval number: T/IM-NF /Micro/21/06
Ongoing
8. Title of the project -Utility of Enhanced Quantitative Urine Culture Technique for isolation of paediatric uropathogens and their susceptibility profile
Name of the Principal Investigator-Dr Kavita Gupta
Duration- Two months, Start year: 2022
IEC approval No: IEC/AIIMS BBSR/STS/2022-23/04
9. Title of the project: Comparison of cycle threshold and clinical status among different age groups of COVID-19 cases.
Name of the Principal Investigator- Dr Baijayantimala Mishra
Duration: One year, Start year:2021
IEC approval number: T/IM-NF/Micro/21-81
10. Title of the project - Molecular Epidemiology of *Candida auris*
Name of the Principal Investigator- Dr Vinaykumar Hallur
Duration: Two years; Start year: 2021
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2021-22/51
11. Title of the project-Phenotypic & Genotypic Analysis of virulence determinants among multi-drug resistant Uropathogenic *Escherichia coli* (MDR UPEC) isolates
Name of the Principal Investigator- Dr Kavita Gupta
Duration- Two months, Start year: 2022
IEC approval No: IEC/AIIMS BBSR/PG THESIS/2021-22/17
12. Title of the project -Prevalence of spotted fever group Rickettsial diseases in acute undifferentiated febrile illness and molecular characterization of spotted fever group Rickettsia isolates
Name of Principal Investigator- Dr Bijayini Behera
Duration: Two years, Start year: 2021
IEC approval No: IEC/AIIMS BBSR/PG THESIS/2021-22/16
13. Title of the project -Microbiological Profile of symptomatic vaginal discharge among women of reproductive age group with special emphasis to Trichomoniasis
Name of the Principal Investigator- Dr Kavita Gupta
Duration- Two months, Start year: 2022
IEC approval No: IEC/AIIMS BBSR/PG THESIS/2020-21/91
14. Title of the project: Diagnostic role of Gene Xpert in osteoarticular tuberculosis
Name of the Principal Investigator-Dr Baijayantimala Mishra
Duration: Four years, Start year: 2018
IEC approval number: T/IM-NF/Micro/21-82

NEONATOLOGY

Funded Projects

Completed

1. Title of the project- Newborn screening on Glucose 6 Phosphate Dehydrogenase Deficiency in AIIMS, Bhubaneswar.
Name of the Principal Investigator - Dr Tapas Kumar Som
Funding agency- AIIMS, Bhubaneswar
Duration: 2 years; Start year: 2018, Funds- INR 499,000,00
IEC approval number T/IM-F/17-18/27

Ongoing

1. Title of the Project: To study feasibility and efficacy of stool color cards for early detection of cholestatic jaundice in infants.
Name of the Principal Investigator - Dr Pankaj Kumar Mohanty
Funding agency: ICMR, Duration: 2 years, Start year: 2022, Funds: INR 52,00,000
ICMR Reference id: 2021-12178, IEC approval number-T/EMF/Neonat/22/16
2. Title of the project- Predictive efficacy of umbilical cord IL6 and histopathologic chorioamnionitis in diagnosing early neonatal sepsis in mothers with risk factors
Name of the Principal Investigator – Dr Pankaj Kumar Mohanty
Funding agency- AIIMS Bhubaneswar
Duration: 1 year; Start year: 2019, Funds- INR 3,53,760,00
IEC approval number- IMF/09/2018

Non- funded Projects

Departmental Projects

Completed

1. Title of the project- Assessment of General Movements for Prediction of Neurodevelopmental Outcome in High-Risk Infants.
Name of the Principal Investigator - Dr Tapas Kumar Som
Duration- 2 years; Start year: 2019
IEC approval number- IEC/AIIMS BBSR/PG Thesis/2019-20/72
2. Title of the project- Comparison of ultrasound-guided umbilical insertion with conventional method - A randomized control trial.
Name of the Principal Investigator – Dr Pankaj Kumar Mohanty
Duration- 2 years; Start year: 2020
IEC approval number- IEC/AIIMS BBSR/PG Thesis/2020-21/25

Ongoing

1. Title of the Project- Point of Care Ultrasound (POCUS) Lung Score to predict the severity of Respiratory Distress Syndrome and Surfactant need in Preterm Neonates - Prospective Cohort Study
Name of the Principal Investigator – Dr Tapas Kumar Som
Duration- 2 years; Start year: 2020
IEC approval number- IEC/AIIMS BBSR/PG Thesis/2021-22/73

Collaborative Projects

Ongoing

1. Title of the Project- Sero-surveillance of COVID-19 in infants born to COVID-19 positive mothers
Name of the Principal Investigator – Dr Pankaj Kumar Mohanty
Duration- 1 year; Start year: 2020
IEC approval number-T/IM-NF/Neona/20/116

NEUROLOGY

Funded Projects:

Completed

1. Title of the Project - Establishment of the Indian Stroke Clinical Trial Network (INSTRuCT Network) Phase I
Name of the Principal Investigator – Dr S K Bhoi
Duration – 3Years, Start Year – 2020, Completion Year – 2022
Funds - INR 4,64,743,
Funding Agency – Indian Council of Medical Research, New Delhi
IEC Approval Number – T/EMF/Neuro/20/31
2. Title of the Project - Secondary Prevention by Structured Semi-Interactive Stroke Prevention Package in India Study. (SPRINT INDIA)
Name of the Principal Investigator – Dr S K Bhoi
Duration – 1Year, Start Year – 2021, Completion Year – 2022
Funds – INR 1,87,000
Funding Agency – Indian Council of Medical Research, New Delhi
IEC Approval Number – T/EMF/Neuro/20/32

Ongoing:

1. Title of the Project - Implementation of an Evaluation and Treatment Package for Uniform Stroke Care and outcomes in the Medical Colleges in India. An Implementation Research Study (IMPETUStroke)
Name of the Principal Investigator – Dr S K Bhoi
Duration – 2 Year, Start Year – 2021, Funds – INR 3,59,515
Funding Agency – DHR-ICMR (Department of Health Research-Indian Council of Medical Research, New Delhi)
IEC Approval Number – T/EMF/Neurology/21/34
2. Title of the Project - Establishment of the Indian Stroke Clinical Trial Network (INSTRuCT Network) Phase II
Name of the Principal Investigator – Dr S K Bhoi
Duration – 4 Year, Start Year – 2022, Funds – INR 1,00,000/-
Funding Agency – Indian Council of Medical Research, New Delhi
IEC Approval Number – T/EMF/Neuro/21/78
3. Title of the Project - Indian Trial of Tranexamic acid in Spontaneous intracerebral haemorrhage. (INTRINSIC TRIAL)
Name of the Principal Investigator – Dr S K Bhoi
Duration – 4 Year, Start Year – 2022, Funds – INR 1,03,000/-
Funding Agency – Indian Council of Medical Research, New Delhi
IEC Approval Number – T/EMF/Neuro/21/77
4. Title of the Project - Long-term Single versus Dual Antiplatelet Therapy in Patients with Intracranial Atherosclerotic Disease: A Randomized Trial (STENOSIS TRIAL)
Name of the Principal Investigator – Dr S K Bhoi
Duration – 3 Year, Start Year – 2022, Funds – INR 1,98,275/-
Funding Agency – Indian Council of Medical Research, New Delhi
IEC Approval Number – T/EMF/Neuro/21/73
5. Title of the Project – Mobile Medical Application based Post Stroke care Strategy for survivors and their caregivers: A Randomized Controlled Trial. (MOBILITY TRIAL)
Name of the Principal Investigator – Dr S K Bhoi
Duration – 3 Year, Start Year – 2022, Funds – INR 3,60,500/-
Funding Agency – Indian Council of Medical Research, New Delhi
IEC Approval Number – T/EMF/Neuro/21/74
6. Title of the Project – HTA of National Stroke Care Registry Programme - Development of Hospital Based Stroke Registries (HBSR) in different regions of India
Name of the Principal Investigator – Dr S K Bhoi
Duration – 5 Year, Start Year – 2020, Funds – INR 7,79,500 /-
Funding Agency – NCDIR-ICMR (National Centre for Disease Informatics and Research - Indian Council of Medical Research, New Delhi)

IEC Approval Number – T/EMF/Neuro/20/21

7. Title of the Project: Study of Clinical Electroneuromyographic and Immunohistochemical Correlation of Pure Neuritic Leprosy: An observational study
Name of the Principal Investigator – Dr S K Bhoi
Duration – 3 Year, Start Year – 2020, Funds – INR 7,23,000 /-
Funding Agency – Science and Technology, Govt Odisha
IEC Approval Number – T/EMF/Neuro/19/2
8. Title of the project: Impact of COVID 19 on frequency, spectrum and outcomes of Guillain Barre syndrome in India: A multicentre ambispective cohort study
Name of the Principal Investigator: Dr S K Bhoi
Funding agency: Nil
Duration: 2 years, Start year: 2020, Funds: Nil
IEC approval number: T/EMF/Neuro/20/67

Departmental:

Ongoing:

1. Title of the project: Multimodality evoked potential and MRI correlation in neurologic Wilson's disease
Name of the Principal Investigator: Dr Sanjeev Kumar Bhoi
Funding agency: AIIMS, Bhubaneswar
Duration: Two years, Start year: 2019, Funds: INR 1,31,629/-
IEC approval number: T/IM-F/18-19/17
2. Title of the project: Clinico-radiological evaluation of focal epilepsies in adults
Name of the Principal Investigator: Dr Menka Jha
Funding agency: AIIMS, Bhubaneswar
Duration: Two years. Start year: 2019, Funds: INR 3.35 lakhs
IEC approval number: T/IM-F/18-19/35
Status: enrolment completed, data analysis

DM Thesis: Completed

1. Title of the project: Comparison of whole spine to neck length ratio and neck flexibility in patients of Hirayama disease with normal population: A cross-sectional study
Name of the Principal Investigator: Dr SK Bhoi
Duration: 2 years, start year, 2019, End year: 2021
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2019-20/69
2. Title of the project: To compare the efficacy and safety of lacosamide versus levetiracetam monotherapy in new onset focal seizure in adult patients
Name of the Principal Investigator: Dr SK Bhoi
Duration: 2 years, Start year: 2019,
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2019-20/68

DM Thesis: Ongoing

1. Title of the project: Comparison between the efficacy of Pregabalin vs. Amitriptyline monotherapy in central post stroke pain. An open label randomized control trial.
Name of the Principal Investigator: Dr SK Bhoi
Duration: 2 years, Start year, 2020
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2020-21/13
2. Title of the project: Thalidomide as an add on treatment in the intensive phase of tuberculous meningitis- an open label randomized controlled trial.
Name of the Principal Investigator: Dr SK Bhoi
Duration: 2 years, Start year: 2020, End year: 2022
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2020-21/39

3. Title of the project: To determine the efficacy and safety of repetitive transcranial magnetic stimulation (rTMS) in the management of chronic migraine: A randomized sham control open label study.
Name of the Principal Investigator: Dr SK Bhoi
Duration: 2 years
Start year: 2021
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2021-22
4. Title of the project: To evaluate the effectiveness of add on repetitive transcranial magnetic stimulation (rTMS) in the management of post stroke spasticity: An open label randomized control trial
Name of the Principal Investigator: Dr Menka Jha
Duration: 2 years, Start year: 2021, End year: 2023
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2021-22

NEUROSURGERY

Funded

Ongoing:

1. Title of the project - An Observational Study to Analyze Factors Leading to Readmission of Postoperative Neurosurgical Cases within 30 Days of Discharge.
Name of the Principal Investigator - Dr Sumit Bansal
Funding agency- AIIMS, Bhubaneswar
Duration: 1 year; start year: 2022, Funds - INR 40,000
IEC approval number: T/IM-F/21-22/29
2. Title of the project - An exploratory pilot study of Oral Midodrine as an adjunct in rapid weaning of Intravenous Vasopressor support in spinal cord injury.
Name of the Principal Investigator - Dr Arunkumar Sekar
Funding agency- AIIMS, Bhubaneswar
Duration: 1 year; start year: 2022, Funds - INR 4,20,000
IEC approval number: T/IM-F/21-22/21

Non Funded

Completed

3. Title of the project - GlobalSurg-CovidSurg Week
Name of the Principal Investigator - Dr Arunkumar Sekar
Duration: 12 months, Start year: Dec 2020.
IEC approval Number: Ref no T/IM-NF/NEUROSURG/20/51.
4. Title of the project - Dural based non meningotheial lesions
Name of the Principal Investigator - Dr Arunkumar Sekar
Duration: 1 year, Start year: 2021
IEC approval number: T/IM-NF/Neuro.Surg/21/40

Departmental

Completed

1. Title of the project - Clinicopathological and Molecular Characterization of Intracranial Meningioma with Special Reference to Brain Invasion
Name of the Principal Investigator - Dr Ashis Patnaik
Duration - 2 years, Start year - 2019
IEC approval number - IEC/AIIMS BBSR/PG Thesis/2019-20/63
2. Title of the project - To Study the Clinical and Radiological Features of Diffuse Glioma in Brain on The Basis of Pathological Biomarkers - IDH, ATRX, H3K27M
Name of the Principal Investigator - Dr R N Sahu
Duration - 2 years, Start year - 2019
IEC approval number - IEC/AIIMS BBSR/PG Thesis/2019-20/62

3. Title of the project - Comparison of Surgical Outcomes Following Cerebellopontine Angle Lesion Surgery Performed in The Supine with Head Turn Vs Lateral (Park Bench Position)
Name of the Principal Investigator - Dr Sumit Bansal
Duration - 2 years, Start year - 2019
IEC approval number - IEC/AIIMS BBSR/PG Thesis/2019-20/114
4. Title of the project - Randomized Controlled Trial of Negative Pressure Wound Dressing in Preventing External Ventricular Drain Related Infection
Name of the Principal Investigator - Dr R N Sahu
Duration - 2 years, Start year - 2019
IEC approval number - IEC/AIIMS BBSR/PG Thesis/2019-20/77
5. Title of the project - To Study the Efficacy of IONM In Spinal Tumors
Name of the Principal Investigator - Dr Sumit Bansal
Duration - 2 years, Start year - 2019
IEC approval number - IEC/AIIMS BBSR/PG Thesis/2019-20/113

Ongoing:

1. Title of the project - Analysis of correlation between direction of dome of aneurysm and patient outcome following surgery for ruptured anterior communicating artery aneurysms
Name of the Principal Investigator - Dr Ashis Patnaik
Duration - 2 years, Start year - 2020
IEC approval number - IEC/AIIMS BBSR/PG Thesis/2020-21/09
2. Title of the project - An Observational Study on CSF Diversion in Patients Undergoing Posterior Fossa Tumor Surgery, With Special Emphasis on Utility of Safety Burr hole
Name of the Principal Investigator - Dr Sumit Bansal
Duration - 2 years, Start year - 2020
IEC approval number - IEC/AIIMS BBSR/PG Thesis/2020-21/10
3. Title of the project - An observational comparative study to evaluate the use of image-guided surgery in management and outcome of supratentorial intracranial space occupying lesions
Name of the Principal Investigator - Dr Ashis Patnaik
Duration - 2 years, Start year - 2020
IEC approval number - IEC/AIIMS BBSR/PG Thesis/2020-21/101
4. Title of the project - Evaluation of the role of transcranial doppler (TCD) in prognosticating the traumatic brain injury (TBI): a prospective observational study
Name of the Principal Investigator - Dr R N Sahu
Duration - 2 years, Start year - 2021
IEC approval number - IEC/AIIMS BBSR/PG Thesis/2021-22/15
5. Title of the project - Evaluation of Facial Nerve Outcome and Quality of Life in Surgically Treated Giant Vestibular Schwannoma
Name of the Principal Investigator - Dr Ashis Patnaik
Duration - 2 years, Start year - 2022
IEC approval number - IEC/AIIMS BBSR/PG Thesis/2022-23/07
6. Title of the project - Post-Operative Outcome of Suprasellar Tumors Operated by Various Midline and Lateral Transcranial Approaches with Special Emphasis on Visual and Hormonal Outcomes: A Prospective Study
Name of the Principal Investigator - Dr Sumit Bansal
Duration - 2 years, Start year - 2022
IEC approval number - IEC/AIIMS BBSR/PG Thesis/2022-23/26
7. Title of the project - A Prospective Observational Study Comparing Laminoplasty Versus Lateral Mass Screw Fixation in Multilevel Cervical Compressive Myelopathy (PG thesis)
Name of the Principal Investigator - Dr Sumit Bansal
Duration - 2 years, Start year - 2022
IEC approval number - IEC/AIIMS BBSR/PG Thesis/2022-23/27
8. Title of the project - A Comparative Study of Two Methods of Sphenoid Sinus Packing Following Endoscopic Endonasal Transsphenoidal Surgery for Pituitary Adenoma

Name of the Principal Investigator - Dr Rabi Narayan Sahu
 Duration - 2 years, Start year - 2022
 IEC approval number - IEC/AIIMS BBSR/PG Thesis/2022-23/30

9. Title of the project - Outcome of Hemilaminectomy versus Laminectomy in Intradural Extramedullary Spinal Tumors- A Prospective Study

Name of the Principal Investigator - Dr Ashis Patnaik
 Duration - 2 years, Start year - 2022
 IEC approval number - IEC/AIIMS BBSR/PG Thesis/2022-23/28

NUCLEAR MEDICINE

Funded projects

Completed

1. Title of the project: Diagnostic performance of Tc-99m PSMA-11 study in prostate carcinoma
 Name of the Principal Investigator: Dr Kanhaiyalal Agrawal
 Funding agency: AIIMS Bhubaneswar intramural project
 Duration: 2 years, start year: 2018, Funds: INR 399700
 IEC approval number: T/IM-F/18-19/39

Ongoing

1. Title of the project: Role of 68Ga PSMA PET/CT in detection of recurrence in patients with gliomas.
 Name of the Principal Investigator: Dr Girish Kumar Parida
 Funding agency: AIIMS Bhubaneswar
 Duration: 2 years, Start year: 2021, Funds: INR 382500
 IEC approval number: T/IM-F/21-22/04

Non-Funded projects

Completed

1. Title of the project: Prevalence of Marine-Lenhart Syndrome on 99mTc-thyroid scintigraphy and response to radioiodine treatment – a retrospective observational study
 Name of the Principal Investigator: Dr Kanhaiyalal Agrawal
 Duration: 1 year, start year: 2020
 IEC approval number: T/IM-NF/NucMed/20/07
2. Title of the project: Comparison of MRI, planar bone scan and SPECT CT in diagnosing the aetiology of pain generators in difficult ankle and foot pain – a retrospective diagnostic study
 Name of the Principal Investigator: Dr Kanhaiyalal Agrawal
 Duration: 1 year, start year: 2020
 IEC approval number: T/IM-NF/NucMed/20/24
3. Title of the project: A meta-analysis of detection rate of culprit tumors causing osteomalacia using 18FDG PET/CT and 68Ga-DOTATATE PET/CT.
 Name of the Principal Investigator: Dr Kanhaiyalal Agrawal
 Duration: 1 year, start year: 2020
 IEC approval number: T/IM-NF/NucMed/20/106
4. Title of the project: Impact of F-18 FDG PET/CT in Staging Patients with Gall bladder Cancer: A Systematic Review and Meta-Analysis
 Name of the Principal Investigator: Dr Girish Kumar Parida
 Duration: 1 year, start year: 2020
 IEC approval number: T/IM-NF/NucMed/20/153

Ongoing

1. Title of the project: Efficacy and safety of Ac-PSMA radioligand therapy in metastatic castration resistant prostate cancer (mCRPC), A systemic review and metanalysis.
Name of the Principal Investigator: Dr Girish Kumar Parida
Duration: 1 year, Start year: 2020
IEC approval number: T/IM-NF/NucMed/20/189

Departmental**Ongoing**

1. Title of the project: The utility of textural characteristics derived from 18FDG PET/CT in pathological response prediction following neoadjuvant chemotherapy in locally advanced breast cancer patients – a prospective observational study.
Name of the Principal Investigator: Dr Kanhaiyalal Agrawal
Duration: 2 years, Start year: 2022
IEC approval number: IEC/AIIMS-BBSR/PG thesis/2021-22/91
2. Title of the project: The role of 99m Tc sestamibi SPECT-CT in characterization of renal masses - A prospective observational study.
Name of the Principal Investigator: Dr Kanhaiyalal Agrawal
Duration: 2 years, Start year: 2022
IEC approval number: IEC/AIIMS-BBSR/PG thesis/2022-23/56

OBSTETRICS & GYNAECOLOGY**Funded Projects:****Completed**

1. Title of the project - Association between anti-Mullerian hormone levels and metabolic syndrome in women with polycystic ovary syndrome
Name of the Principal Investigator - Dr Subarna Mitra
Funding agency - AIIMS, Bhubaneswar
Duration; 2 years, Start year; Dec 2018,
Funds - INR 2, 61,080
IEC approval number: T/IM-F/18-19/30

Ongoing

1. Title of the project- Effect of combination of letrozole with clomiphene citrate versus letrozole alone on pregnancy rate in subfertile women with polycystic ovarian syndrome: A randomized control trial.
Name of the Principal Investigator - Dr Pruthwiraj Sethi
Funding agency- AIIMS, Bhubaneswar
Duration; 2 years, Start year; 2020,
Funds- INR 1, 64, 500
IEC approval number: T/I-MF/19-20/19.
2. Title of the project: "Strengthening of health care system in relation to maternity care- A multicentric study.
Name of the Principal Investigator: - Dr Deepthy Balakrishnan
Funding agency- AIIMS, Bhubaneswar
Duration ;2 years, Start year; 2022
Funds- INR 2,30,000
IEC approval number: T/IM-F/21-22/13
3. Title of the project - Assessment of maternal cardiac function and its association with adverse pregnancy outcomes in women with gestational hypertension and pre-eclampsia: a prospective study
Name of the Principal Investigator - Dr Subarna Mitra
Funding agency - ICMR (PG thesis grant)
Duration; 2 years, Start year; Jul 2020

Funds - INR 50,000 as PG thesis grant
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2020-21/20

Departmental:

Completed:

1. Title of the project - Prospective Observational study of clinic-pathological findings in the evaluation of postmenopausal bleeding.
Name of the Principal Investigator - Dr Saubhagya Kumar Jena
Duration; 2 years, Start year; 2019
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2019-20/16
2. Title of the project - Reliability of International Ovarian Tumor Analysis (IOTA) models in evaluating ovarian tumours at a tertiary care hospital
Name of the Principal Investigator - Dr Sweta Singh
Duration; 2 years, Start year; 2019
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2019-20/20
3. Title of the project - Chromohysteroscopy as a technique for evaluation of postmenopausal bleeding in women attending a tertiary care center in Eastern India – an observational study
Name of the Principal Investigator - Dr Pruthwiraj Sethi
Duration; 2 years, Start year; 2019
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2019-20/143.
4. Title of the project: A survey psychosocial impact of COVID-19 pandemic on pregnant women attending a tertiary care center
Name of the Principal Investigator Dr Jasmina Begum
Duration; 1 year, Start year; 2021
IEC approval number: T/IM-NF/O&G/20/33
5. Title of the project: Assessment of knowledge, Attitude, and Anxiety among Nursing Professionals towards Covid 19 Pandemic: A Cross-Sectional study
Name of the Principal Investigator Dr Jasmina Begum
Duration; 1 year, Start year; 2021
IEC approval number: T/IM-NF/O&G/20/38

Ongoing:

1. Title of the project - Comparison of efficacy between levonorgestrel intrauterine system and dienogest in Adenomyosis: A randomized clinical trial.
Name of the Principal Investigator - Dr Saubhagya Kumar Jena
Duration; 2 years, Start year; 2020
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2019-20/95
2. Title of the project – Low-dose aspirin therapy before or after 12 weeks' gestation for preventing preeclampsia: A randomized controlled trial.
Name of the Principal Investigator - Dr Saubhagya Kumar Jena
Duration; 2 years, Start year; 2020
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2021-21/14
3. Title of the project - Pregnancy, maternal and perinatal outcomes for the non-COVID-19 woman during the COVID-19 pandemic: A retrospective study
Name of the Principal Investigator Dr Sweta Singh
Duration; 2 years, Start year; 2020
IEC approval number: IEC/AIIMS BBSR/T/IM-NF/O&G/20/40
4. Title of the project - Placental abruption: Clinical correlates and fetal-maternal outcomes-A retrospective study
Name of the Principal Investigator- Dr Sweta Singh
Duration; 2 years, Start year; 2020
IEC approval number: IEC/AIIMS BBSR/T/IM-NF/O&G/20/51

5. Title of the project - Intracervical dinoprostone versus vaginal misoprostol for induction of labor: a randomized controlled trial
Name of the Principal Investigator - Dr Sweta Singh
Duration; 2 years, Start year; 2020
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2019-20/110
6. Title of the project - Cerebroplacental ratio versus umbilicocerebral ratio in predicting adverse perinatal outcomes
Name of the Principal Investigator - Dr Sweta Singh
Duration; 2 years, Start year; 2020
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2020-21/17
7. Title of the project - Role of red cell distribution width, neutrophil-lymphocyte ratio and platelet-lymphocyte ratio for the prediction of eclampsia: An ambispective observational study
Name of the Principal Investigator - Dr Sweta Singh
Duration; 2 years, Start year; 2021
IEC approval number: IEC/AIIMS BBST/PG Thesis/2021-22/52 dated Jun 21, 2021
8. Title of the project - Cervical Consistency Index as a predictor of outcome of Induction of Labour as compared to Modified Bishop Score: A Prospective Observational Study
Name of the Principal Investigator - Dr Pruthwiraj Sethi
Duration; 2 years, Start year; 2020
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2019-20/111
9. Title of the project - Comparing the efficacy chlorhexidine gluconate versus povidone iodine as skin antiseptic for prevention of surgical site infection in women undergoing emergency caesarean delivery: a randomized control trial
Name of the Principal Investigator - Dr Pruthwiraj Sethi
Duration; 2 years, Start year; 2020
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2019-20/109
10. Title of the project - Induction of labor at 39 weeks versus expectant management-A randomized control trial
Name of the Principal Investigator - Dr Pruthwiraj Sethi
Duration; 2 years, Start year; 2021
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2020-21/100
11. Title of the project - Early VS Late Induction with Oral Misoprostol in Prelabour Rupture of Membranes: A Randomized Control Trial
Name of the Principal Investigator - Dr Deepthy Balkrishnan
Duration; 2 years, Start year; 2021
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2020-21/10.
12. Title of the project - Audit of Maternal Near Misses as Part of Quality Improvement Programme of ABQC
Name of the Principal Investigator - Dr Deepthy Balkrishnan
Duration; 2 years, Start year; 2021
IEC approval number: T/IM-NF/O & G/21/51
13. Title of the project: - "Perceived Maternal stress- its effects on maternal and foetal hormones and biomarkers and its association with birth outcomes: An Observational Cross-Sectional analytical study"
Name of the Principal Investigator: - Dr Deepthy Balakrishnan
Duration; 2 years, Start year; 2022
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2021-2022/99
14. Title of the project - Adequacy of the Samples Obtained by Outpatient endometrial aspiration using Pipelle and conventional Dilatation and Curettage
Name of the Principal Investigator - Dr Deepthy Balkrishnan
Duration; 2 years, Start year; 2020
IEC approval number: T/IM-NF/O & G/20/53
15. Title of the project - A survey of knowledge, attitude and practices regarding COVID 19 pandemic among pregnant women attending a tertiary care centre
Name of the Principal Investigator - Dr Subarna Mitra
Duration; 3 months, Start year; 2020
IEC approval number: T/IM-NF/O&G/20/05

16. Title of the project - Fetal umbilical and middle cerebral artery Doppler indices in pregnant women with diabetes and their correlation with neonatal outcomes: a cross-sectional study
Name of the Principal Investigator - Dr Subarna Mitra
Duration; 2 years, Start year; Jul 2020
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2020-21/104
17. Title of the project - Feto-maternal outcomes in pregnant women with elevated blood pressure and stage 1 hypertension as per 2017 AHA/ACC guidelines: A prospective cohort study
Name of the Principal Investigator –Dr Subarna Mitra
Duration: 2 years, Start year: Jan 2022
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2021-22/90
18. Title of the project - A prospective study on risk factors associated with the development of Isthmocele after Caesarean
Name of the Principal Investigator - Dr Jasmina Begum
Duration; 2 years, Start year; 2021
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2020-21/19
19. Title of the project: Evaluation of Nutritional Iodine Status in Third Trimester of Pregnancy and related Maternal and Neonatal Outcomes: A Prospective Observational Study
Name of the Principal Investigator-Dr Jasmina Begum
Duration; 1 year, start year; 2021
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2021-22/57
20. Title of the project: Preference and associated factors for caesarean delivery among pregnant women: a cross-sectional study.
Name of the Principal Investigator-Dr Jasmina Begum
Duration: 2 year, Start year; 2019
IEC approval number: T/IM-NF/O&G/18/81

Collaborative

1. Title of the project: In-vivo detection of cervical pre-cancer/cancer with polarized fluorescence-based portable device
Name of the Principal Investigator - Dr Sweta Singh
Funding agency - Gandhian Young Technological Innovation award 2016
Duration; 3 years, Start year; 2018,
Funds-INR 1,50,00,00
IEC approval number: T/EM-F/O&G/17/29 dated 19.03.2018
2. Title of the project: A multicentre, prospective, open-labeled phase IV study to evaluate safety and efficacy of Dienogest in patients suffering from endometriosis.
Name of the Principal Investigator: Dr Jasmina Begum
Duration; 1 year, Start year; 2021
IEC approval number: T/EMF/O&G/20/86
3. Title of the project : Severity of COVID disease and pregnancy outcome among women with COVID infection with or without COVID vaccination – A multicentric case-control study
Name of the Principal Investigator: Dr Jasmina Begum
Funding agency-ICMR
Duration; 2 years, start year; 2022
Funds-INR 35,48,365
IEC approval number: T/EMF/O&G/22/43

OPHTHALMOLOGY

Funded Projects

Ongoing

1. Title – Epigenetic Regulation in the pathogenesis of pseudoexfoliation syndrome and Glaucoma.
Name of the Principal Investigator- Dr Sucheta Parija
Funding agency - NISER Bhubaneswar
Duration: 5 year, Starting year: 2019, Funds - INR 20,00,000
IEC approval number: T/EMF/Ophthal/19/41
2. Title of the project - Ocular Manifestation in Patients of Inflammatory Disease
Name of the Principal Investigator- Dr Bhagabat Nayak
Funding agency - AIIMS Bhubaneswar intramural project
Duration: 2 years, Start year: 2021, Funds - INR 4,50,000.00
IEC approval number: T/IM-F/20-21/04

Non-Funded

Ongoing

1. Title- Comparative study on Limbal autograft for pterygium surgery- Suture vs Non-suture ()
Principal Investigator – Dr Sucheta Parija
Duration: One and half year, Start year: 2021
IEC approval no- T/IM-NF/Ophthal/21/42
2. Title- Evaluation of changes in OCT Biomarkers in Chronic Central Serous Chorioretinopathy after oral Eplerenone therapy and their correlation to functional visual outcome
Principal Investigator- Dr Priyadarshini Mishra
Duration: One and half year, Start year: 2021
IEC approval no- T/EMF/Ophthal/21/47
3. Title- Computer Vision Syndrome among adolescents and its associated factors- A community based cross sectional study at Tangi, Khurda
Principal Investigator- Dr Sandip Kumar Sahu
Duration: One and half year, Start year: 2021
IEC approval no : IM-NF/Ophthal/20/205
4. Title of the project - Mask associated dry eye syndrome during COVID-19 among healthcare professionals.
Principal Investigator- Dr Bruttendu Moharana
Duration: 6 months, Start year: 2022
IEC approval number: T/IM-NF/Ophthal/21/166

Departmental Projects (Including Thesis/Dissertations)

Ongoing

1. Title- Optical Coherence Tomography as a tool for early diagnosis and predicting visual outcome in patients with Optic Neuritis
Name of the Principal Investigator: Dr Sucheta Parija
Duration :2 years, start year: 2019
IEC approval number: IEC/AIIMS BBSR/PG Thesis/ 2021/22
2. Title- Study of various OCT biomarkers in diabetic macular edema and their role in prognosticating visual outcome after intravitreal anti-VEGF and steroid injection
Principal Investigator- Dr Priyadarshini Mishra
Duration: One and half year, Start year: 2021
IEC approval No : IEC/AIIMS BBSR/PG Thesis/2021-22/26
3. Title of the project: "Clinical profile and management outcome of patients with secondary glaucoma: A prospective longitudinal study" (PG Thesis).
Principal Investigator - Dr Bhagabat Nayak

Duration: 2 year, Starting year : 2020, Funds - Nil
IEC number: IEC/AIIMS BBSR/PG Thesis/2020-21/16

4. Title of the project: "Long Term Visual Outcome Of Bilateral Paediatric Cataract Patients Treated with Lens Aspiration And IOL Implantation In Eastern India"
Name of the Principal Investigator: Dr Sucheta Parija
Funding agency: AIIMS Bhubaneswar
Duration :2 years, start year: 2019 Funds: Nil
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2019-20/23
5. Title of the project: "Study Of Ocular Changes In Psoriasis Patients With Psoriasis Severity Index More Than 10 In Eastern India: A Prospective Observational Study"
Name of the Principal Investigator : Dr Sucheta Parija
Duration :2 years, start year: 2019 Funds - Nil
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2019-20/22

ORTHOPAEDICS

Funded Projects:

Completed:

1. Title of the project: "A prospective active controlled, randomized double blind, multicentre, Phase III study to compare the safety and efficacy of Biosimilar Denosumab of Enzene Biosciences Ltd versus Innovator Denosumab in the treatment of Postmenopausal osteoporosis."
Name of the Principal Investigator: Dr Sujit Kumar Tripathy
Funding agency: Alkem Laboratories Limited, Alkem house, Senapati Bapat Marg, lower Parel, Mumbai-400013
Duration, start year: 2 years, 2019
Funds: INR 54,450 subject
IEC approval number: EMF/19/2018
2. Lysoflam-phase IV clinical Trial
Name of the Principal Investigator: Dr Mantu Jain
Funding agency: Alkem Laboratories Limited
Funds: INR 10000 subject
IEC approval number: T/ EMF/Ortho/20/70

Ongoing

1. Title of the project: "A Randomized, Double Blind, Multicentric, Placebo Controlled, Phase III Study Assessing The Efficacy And Safety Of Intra-Articular Administration Of Stempeucel (R) (Adult Human Bone Marrow Derived, Cultured, Pooled, Allogeneic Mesenchymal Stromal Cells) In Patients With Osteoarthritis Of Knee"
Name of the Principal Investigator: Dr Sujit Kumar Tripathy
Funding agency: Stempeutics Research Pvt. Ltd.
3rd Floor, Manipal Hospitals, Whitefield Pvt. Ltd.
#143, 212-215, EPIP industrial area, ITPL Main road
Bengaluru-560048. Ph. No-8025028101
Duration, start year: 2.5 years, 2019
Funds: INR 92,400/subject
IEC approval number: T/EMF/Ortho/18/18
2. Title of the project: A prospective active controlled, randomized double blind, multicentre, Phase III study to compare the safety and efficacy of Biosimilar Denosumab of Enzene Biosciences Ltd versus Innovator Denosumab in the treatment of Postmenopausal osteoporosis.
Name of the Principal Investigator - Dr Sujit Kumar Tripathy
Funding agency- Alkem Laboratories Limited, Alkem house, Senapati Bapat Marg, lower Parel, Mumbai-400013
Duration - 2 years, start year: 2019, Funds - INR 54,450 subject
IEC approval number: EMF/19/2018

3. Title of the project: Randomized clinical trial to assess the effect of vitamin D supplementation on low back pain in patients with lumbar spondylolisthesis
Name of the Principal Investigator - Dr Gurudip Das Funding agency - AIIMS Bhubaneswar
Duration- 2 years, Start year: Oct 2020, Funds- INR 3,90,000 IEC approval number -T/IM-F/19-20/20
4. Title of the project : Botulinum Toxin Type A for Treating Chronic Low Back Pain
Name of the Principal Investigator: Dr Mantu Jain
Funding agency: AIIMS Bhubaneswar
Funds: INR 4,95,000
IEC approval number: T/ IMF/Ortho/21-22/03

Departmental:**Completed:**

1. Title of the project: Evaluation of sleep pattern after Total knee arthroplasty
Name of the Principal Investigator: Dr Sujit Kumar Tripathy (PG thesis, Student Dr Hrudeshwar Behera)
Funding agency: Non-funded
Duration, start year: 2 years, 2020
IEC approval number: IEC/ AIIMS BBSR/ PG THESIS/ 2019-2020/91
2. Title of the project: Assessment of Limb Length Discrepancy in patients undergoing unilateral Total Knee Arthroplasty
Name of the Principal Investigator : Dr Sujit Kumar Tripathy (PG thesis, Student Dr Siddharth Satyakam Pradhan)
Duration, start year: 2 years, 2019
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2018-19/43
3. Title of the project: Neoadjuvant denosumab followed by surgery in giant cell tumors of the bones of the extremities: a retrospective study
Name of the Principal Investigator: Dr Sujit Kumar Tripathy
Duration, start year: 6 months, 2020
IEC approval number: T/IM-NF/ Ortho/20/207
4. Title of the project: A comparative evaluation of Prescription errors between handwritten and printed Out-Patient Prescriptions
Name of the Principal Investigator: Dr Bishnu Prasad Patro. (Senior Resident Pilot project by: Dr Nabin Kumar Sahu)
Duration, start year: 1 year, Jul 2019
IEC approval number: T/IMF/P.S/Student/2019-20/1.
5. Title of the project: Correlation between degree of patellar cartilage damage to that of post-operative anterior knee pain in posterior stabilised total knee arthroplasty without patellar resurfacing - A prospective study.
Name of the Principal Investigator : Dr Bishnu Prasad Patro. (PG thesis, Student Dr Sashikanta Panda)
Duration, start year: 2 years, Apr 2020.
IEC approval number: IEC/AIIMS BBSR/ PG Thesis/2019-20/90.
6. Title of the project: Correlation of Bone mineral density using Dual-energy X-ray absorptiometry magnetic resonance imaging of the lumbar spine
Name of the Principal Investigator - Dr Mantu Jain
Duration - 6 months, Start year - 2020
IEC approval number- T/IM-NF/ Ortho/20/111
7. Title of the project: Psoas muscle changes following OLIF Approach
Name of the Principal Investigator - Dr Mantu Jain
Duration- 2 years, Start year- 2020
IEC approval number- T/IM-NF/Ortho/20/166
8. Title of the project: Outcome Comparison of OLIF vs. TLIF
Name of the Principal Investigator - Dr Mantu Jain
Duration- 2 years, Start year- 2020
IEC approval number- IEC/AIIMS BBSR/PG Thesis/2020-21/81
9. Title of the project: Effect of correction of flexion deformity of osteoarthritic knee by total knee arthroplasty on the sagittal balance of spine.
Name of the Principal Investigator - Dr Mantu Jain

Duration- 2 years, Start year: 2020

IEC approval number-IEC/AIIMS BBSR/PG Thesis/2019-20/94

Ongoing

1. Title of the project: Assessment of sleep quality with trazodone in patients undergoing total hip arthroplasty (THA): A randomized control study
Name of the Principal Investigator : Dr Sujit Kumar Tripathy
Duration, start year: 2 years, 2020
IEC approval number: T/IM-NF/ Ortho/20/55
2. Title of the project: Change in hip biomechanics after intertrochanteric fracture fixation using intramedullary device and its impact on health related quality of life: a prospective cohort study
Name of the Principal Investigator: Dr Sujit Kumar Tripathy (PG thesis, Student Dr Deepak Ghuge)
Duration, start year: 2 years, 2020
IEC approval number: IEC/AIIMS BBSR/PG Thesis/ 2020-21/66
3. Title of the project: Transverse acetabular ligament as a tool for acetabular cup orientation in patients undergoing primary total hip replacement.
Name of the Principal Investigator : Dr Bishnu Prasad Patro
Duration, start year: 3 years, 2021
IEC approval number: T/IM-NF/Ortho/21/35.
4. Title of the project: Prevalence of drain tip culture positivity in major orthopaedic surgeries and its clinical correlation with the post operative course – a hospital based cross sectional study
Name of the Principal Investigator : Dr Bishnu Prasad Patro
Duration, start year: 3 years, 2021
IEC approval number: IEC/AIIMS BBSR/ PG Thesis /21-22 /24.
5. Title of the project: Histopathological changes in ruptured ACL
Name of the Principal Investigator : Dr Bishnu Prasad Patro.
Duration, start year: 3 years, 2019
IEC approval number: T/IM-NF/Ortho/18/77.
6. Title of the project: Transdermal patches of Buprenorphine for postoperative analgesia after total hip and knee arthroplasty surgeries
Name of the Principal Investigator : Dr Bishnu Prasad Patro. (PG thesis, Student Dr Manjoy Kumar).
Duration, start year: 3 years, 2019
IEC approval number: T/IM-NF/Ortho/19/27.
7. Title of the project: Standing from cross legged sitting test: Does it help in diagnosis of atraumatic low back pain.
Name of the Principal Investigator : Dr Bishnu Prasad Patro.
Duration, start year: 3 years, 2019
IEC approval number: T/IM-NF/Ortho /19/ 23.
8. Title of the project: Estimate the clinical and functional outcome of patients undergoing total hip replacement following traumatic and non-traumatic hip pathologies. – A prospective study.
Name of the Principal Investigator : Dr Bishnu Prasad Patro. (PG thesis, Student Dr KrishnenduBhowmik)
Duration, start year: 2 years, 2021.
IEC approval number: IEC/AIIMS BBSR/ PG Thesis/2020-21/82.
9. Title of the project: To evaluate the role of pre-emptive analgesia (pregabalin and etoricoxib) in reducing pain during the early postoperative period in patients undergoing total knee replacement with different degree of varus knee deformity and its correlations to intraoperative parameters.
Name of the Principal Investigator : Dr Bishnu Prasad Patro. (PG thesis, Student Dr Ssamy C Ajay)
Duration, start year: 2 years, 2020.
IEC approval number: IEC/AIIMS BBSR/ PG Thesis/2020-21/61.
10. Title of the project: external reduction and stabilizing plate for comminuted humerus neck and head fracture (designing a new implant).
Name of the Principal Investigator: Dr Bishnu Prasad Patro.
Duration, start year: 3 years, 2020
IEC approval number: T/IM-NF/Ortho/20/09.

PATHOLOGY & LAB MEDICINE

Funded Projects:

Completed:

1. Title of the Project- Metabolic adaptation of fatty acid oxidation in glioblastomas: An insight into the tumor biology.
Name of the Principal Investigator- Dr Suvendu Purkait
Funding agency- AIIMS, Bhubaneswar
Duration: 2 years, Start year: 2020, Funds- INR 5,00,000
IEC approval number: T/IM-F/19-20/21

Ongoing:

1. Title of the Project- Prognostic impact of different immunoarchitectural patterns in nodular lymphocyte predominant Hodgkin lymphoma and the usefulness of PD1 and CD57 in differentiating from T cell histiocyte-rich large B cell lymphoma.
Name of the Principal Investigator- Dr Pritinanda Mishra
Funding agency- AIIMS, Bhubaneswar
Duration: 2 years, Starting year: 2020, Funds- INR 1,90,000
IEC approval number: T/IM-F/19-20/21
2. Title of the Project- Involvement of tumor acidification in Glioblastoma: A clinicopathological study.
Name of the Principal Investigator- Dr Suvendu Purkait
Funding agency- ICMR
Duration: 3 years, Starting year: 2020, Funds- INR 15,21,600
IEC approval number: T/EMF/Pathol/20/17
3. Title of the Project- Transcriptome Profiling of Congenital Non-Syndromic Hearing loss and design a Novel Genetic Database.
Name of the Principal Investigator- Dr Mukund N Sable
Funding agency- ICMR
Duration: 3 years, Starting year: 2020, Funds- INR 15,21,600
IEC approval number: T/EMF/Patho/20/04
4. Title of the Project- Expression pattern of neuropilin/ CD304 and CD 86 in the assessment of minimal residual disease and its association with genetic aberrations in patients with childhood B cell Acute Lymphoblastic Leukemia.
Name of the Principal Investigator- Dr Gaurav Chhabra
Funding agency- AIIMS, Bhubaneswar
Duration: 3 years, Starting year: 2020, Funds- INR 5,00,000
IEC approval number: T/IM-F/19-20/21
5. Title of the Project- Brain Bank Network India Initiative": Establishment of Satellite Brain banks in India for neuroscience Research.
Name of the Principal Investigator- Dr Suvendu Purkait
Funding agency- DST SERB
Duration: 3 years, Starting year: 2019, Funds- INR 48,59,000
IEC approval number: T/IMF/17-18/35
6. Title of the Project- Characterization of breast microbiome and immunological responses in breast cancer.
Name of the Principal Investigator- Dr Mukund Sable
Funding agency- ICMR
Duration: 3 years, Starting year: 2019, Funds- INR 48,59,000
IEC approval number: T/EMF/Patho/19/43
7. Title of the Project- The impact of ferroptosis pathway in regulating the biological behavior and immune microenvironment of Glioblastoma.
Name of the Principal Investigator- Dr Suvendu Purkait
Funding agency- ICMR
Duration: 3 years, Starting year: 2019, Funds- INR 39,19,288
IEC approval number: T/EMF/Patho/ 19 /43

8. Title of the Project- Analysis of morphological features predictive of malignancy in serous effusions.
Name of the Principal Investigator- Dr Madhusmita Sethy
Funding agency- AIIMS, Bhubaneswar
Duration: 3 years, Starting year: 2019, Funds- INR 3,85,000
IEC approval number: T/EMF/Path/ 17 /03
9. Title of the Project- Investigation of clinicopathological impact of cholesterol metabolism in glioblastomas and identification of putative actionable target.
Name of the Principal Investigator- Dr Suvendu Purkait
Funding agency- DST/SERB
Duration: 3 years, Starting year: 2017, Funds- INR 48,10,000
IEC approval number: T/EMF/Path/ 17 /03

Non-Funded: Departmental Projects

Completed:

1. Title of the Project- Characterization of the immune microenvironment in colorectal carcinoma and its clinicopathological significance
Name of the Principal Investigator- Dr Susama Patra
Duration: 2 years, Starting year: 2019
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2018-19/41
2. Title of the Project- Expression of Programmed Death-Ligand-1 by immunohistochemistry in cellblocks in non-small cell lung cancer and its correlation with clinic-pathological parameters"
Name of the Principal Investigator- Dr Susama Patra
Duration: 2 years, Starting year: 2020
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2018-19/43
3. Title of the Project- Assessment of the clinicopathological implications of tumor infiltrating T lymphocyte cells in oral squamous cell carcinoma
Name of the Principal Investigator - Dr Amit Kumar Adhya
Duration: 2 years, Starting year: 2020
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2018-19/46
4. Title of the Project- Cyclooxygenase 2 (COX 2) expression in newly diagnosed plasma cell myeloma: correlation with clinicopathological feature
Name of the Principal Investigator - Dr Somanath Padhi
Duration: 2 years, Starting year: 2019
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2018-19/46
5. Title of the Project- Flow cytometric aberrant immuno- phenotypic expression and its clinico-hematological, cytogenetics and prognostic correlation in B-cell Acute Lymphoblastic Leukemia (B-ALL).
Name of the Principal Investigator - Dr Gaurav Chhabra
Duration: 2 years, Starting year: 2020
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2019-20/44
6. Title of the Project- Genetic Mutation analysis and its correlation with hepatic iron overload in patients of Beta thalassemia major & intermedia.
Name of the Principal Investigator - Dr Gaurav Chhabra
Duration: 2 years, Starting year: 2020
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2019-20/108
7. Title of the Project- Telomerase Reverse Transcriptase (TERT) promoter methylation in glioblastoma: A clinicopathological study.
Name of the Principal Investigator - Dr Suvendu Purkait
Duration: 2 years, Starting year: 2020
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2020-21/15
8. Title of the Project- Rapid screening of dengue infection using the CBC research parameters on the new generation hematology fully automated analyser.
Name of the Principal Investigator - Dr Gaurav Chhabra
Duration: 2 years, Starting year: 2020

IEC approval number: IEC/AIIMS BBSR/ T-IM-NF/Patho/21/65

9. Title of the Project- Usefulness of leucocyte cell population data by Sysmex XN1000 hematology analyser in rapid screening of acute leukemia.
Name of the Principal Investigator - Dr Gaurav Chhabra
Duration: 2 years, Starting year: 2021
IEC approval number: IEC/AIIMS BBSR/ T-IM-NF/Patho/21/05

Ongoing:

1. Title of the Project- Role of regulatory T cells in Crohn disease.
Name of the Principal Investigator- Dr Susama Patra
Duration: 2 years, Starting year: 2021
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2021-22/114
2. Title of the Project- Analysis of the predictors of tumour recurrence in oral squamous cells carcinoma.
Name of the Principal Investigator- Dr Amit Kumar Adhya
Duration: 2 years, Starting year: 2020
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2020-21/68
3. Title of the Project- Expression of Programmed Cell Death-1 and Programmed Death-Ligand 1 in Hodgkin lymphoma and its correlation with clinic-pathological parameters
Name of the Principal Investigator- Dr Pritinanda Mishra
Duration: 2 years, Starting year: 2020
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2018-19/44
4. Title of the Project- Macrophage activation syndrome (MAS) in systemic lupus erythematosus: correlation of perforin immunohistochemistry with clinic-hematological characteristics
Name of the Principal Investigator- Dr Somanath Padhi
Duration: 2 years, Starting year: 2020
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2020-21/88
5. Title of the Project- Expression of Immune check receptor- Programmed cell death protein (PD-1) and its ligands (PDL1 and PDL2) in patients with childhood B-cell Acute Lymphoblastic Leukemia (B-ALL).
Name of the Principal Investigator- Dr Gaurav Chhabra
Duration: 2 years, Starting year: 2019
IEC approval number- IEC/AIIMS BBSR/PG Thesis/2018-19/49
6. Title of the Project- Ampylator molecules in Glioblastomas: A clinicopathological study
Name of the Principal Investigator- Dr Suvendu Purkait
Duration: 2 years, Starting year: 2020
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2020-21/72
7. Title of the Project- Assessment of Primary cilia in urothelial carcinoma of urinary bladder and its correlation with epithelial-mesenchymal transition.
Name of the Principal Investigator- Dr Suvendu Purkait
Duration: 2 years, Starting year: 2020
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2021-22/08
8. Title of the Project- Descriptive study of clinico-pathological features of benign breast diseases diagnosed at tertiary care center of eastern India.
Name of the Principal Investigator- Dr Mukund N Sable
Duration: 2 years, Starting year: 2020
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2018-19/38
9. Title of the Project- An immunohistochemical analysis of tumor associated interleukins in breast carcinoma.
Name of the Principal Investigator- Dr Mukund N Sable
Duration: 2 years, Starting year: 2020
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2018-19/39
10. Title of the Project- Assessment of T regulatory cells in progressive and stable vitiligo
Name of the Principal Investigator- Dr Madhusmita Sethy
Duration: 2 years, Starting year: 2020
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2020-21/53

PEDIATRICS

Funded Projects

Completed:

1. Title of the project: Effect of pre-conceptional multiple micronutrient versus iron folic acid supplementation on maternal and birth outcome among women from developing countries: A systematic review
Name of the Principal Investigator - Dr Rashmi Ranjan Das
Funding agency - ICMR
Duration - 1 year; Start year - 2021 Funds - INR 9,50,000
IEC approval number - T/EMF/Ped/19/47
2. Title of the project: Protective antibody response following double dose measles vaccination and factors for non-response among tribal children in remote areas of Odisha.
Name of the Principal Investigator - Dr Bhagirathi Dwibedi
Funding agency: ICMR
Duration - 2 years, Start year: 2019 Funds - INR 49,97,800
IEC approval number: T/EMF/Pedia/18/02
3. Title of the project: Harmonized One health Trans-species and community Surveillance for Tackling Antibacterial Resistance in India (HOT-STAR-India)
Name of the Principal Investigator - Dr Samarendra Mahapatro
Funding agency - INCLEN
Duration - 2 years, Start year - 2019 Funds - INR 4,02,407
IEC approval number - T/EMF/Micro/18/16

Ongoing:

1. Title of the project: Mission programme on rare genetic disorders
Name of the Principal Investigator - Dr Joseph John
Funding agency - DBT, New Delhi
Duration - 5 years, Start year - 2022 Funds - INR 2,00,00,000
IEC approval number - T/EMF/Pedia/20/90
2. Title of the project: Seroepidemiology, maternal immune status and missed diagnosis of pertussis among young infants in India-a multicentric study
Name of the Principal Investigator - Dr Bhagirathi Dwibedi
Funding agency - DBT Welcome Trust
Duration - 3 years, Start year - 2022 Funds - INR 15,78,000
IEC approval number - T/EMF/Ped/20/89
3. Title of the project: Comparative Efficacy of two inhalational techniques when using a Metered Dose Inhaler (MDI) with Valve Holding Chamber in Childhood Asthma: A Randomized Clinical Trial (Funding: AIIMS Bhubaneswar)
Name of the Principal Investigator - Dr Rashmi Ranjan Das
Funding agency - AIIMS, Bhubaneswar
Duration - 1 year, Start year - 2021 Funds - INR 20,000
IEC approval number - T/IMF/Ped/19-20/22
4. Title of the project: A Phase 3, Open Label, Randomized, Active-Controlled Trial Evaluating the Immunologic Non-inferiority, Safety and Tolerability of a 15-valent Pneumococcal Conjugate Vaccine (Manufactured by: Tergene Biotech Pvt. Ltd., India) Compared to Prevnar 13®: a 13-valent Pneumococcal Conjugate Vaccine (Distributed by: Wyeth Limited, India) in Healthy Infants Given with Routine Pediatric Vaccinations
Name of the Principal Investigator - Dr Rashmi Ranjan Das
Funding agency - Tergene Biotech, Telangana
Duration- 1 year, Start year- 2021 Funds - INR 4,20,000
IEC approval number - T/EMF/Ped/21/06
5. Title of the project: Etiology of Acute respiratory tract infection associated with relapse of Nephrotic Syndrome in children
Name of the Principal Investigator - Dr Amit Kumar Satapathy
Funding agency - AIIMS, Bhubaneswar

Duration - 2 years, Start year: 2020 Funds: INR 5,00,000
IEC approval number - T/IMF/20-21/12

6. Title of the project: Congenital Rubella Syndrome Surveillance in India
Name of the Principal Investigator - Dr Bhagirathi Dwibedi
Funding agency - UNDP
Duration - 4 years, Start year- 2019 Funds - INR 35,50,000
IEC approval number - T/EMF/Pedia/18/17
7. Title of the project: Study of neuronal autoantibody associated/coexisting with acute viral encephalitis in children, its clinical manifestation and outcome
Name of the Principal Investigator - Dr Bhagirathi Dwibedi
Funding agency - ICMR
Duration - 3 years, Start year - 2019 Funds - INR 120,00,000
IEC approval number - T/EMF/Ped/18/38

Departmental:

Completed:

1. Title of the project: Clinical Epidemiology of SARS-COV2 infection or illness in children admitted to a tertiary care hospital setting in Odisha
Name of the Principal Investigator - Dr Bhagirathi Dwibedi
Duration - 1 year, Start year - 2020
IEC approval number - T/IMNF/Ped/20/134
2. Title of the project: Single breath count compared to spirometry in the diagnosis and monitoring of treatment response in acute exacerbation of childhood asthma
Name of the Principal Investigator - Dr Rashmi Ranjan Das
Duration - 2 years, Start year - 2019
IEC approval number- IEC/AIIMSBBBSR/PG Thesis/2019-20/35

Ongoing

1. Title of the project: Normative values of oxygen saturation by pulse oximetry in apparently healthy children from eastern India
Name of the Principal Investigator - Dr Krishna Mohan Gulla
Duration - 2 years, Start year - 2021
IEC approval number - IEC/AIIMSBBBSR/PG Thesis/2020-21/96
2. Title of the project: 5% Dextrose in Ringer's Lactate versus 5% Dextrose Normal Saline as maintenance intravenous fluid therapy in children- A Randomised Controlled Trial
Name of the Principal Investigator - Dr Joseph John
Duration - 2 years, Start year - 2021
IEC approval number - IEC/AIIMS BBSR/PG Thesis/2020-21/97
3. Title of the project: Improving coverage of DPT 2nd booster dose by educational intervention of parents of children between 4.5 to 5.5 years of age at point of contact with health center - a cluster randomized study
Name of the Principal Investigator - Dr Bhagirathi Dwibedi
Duration - 1 year 10 months, Start year - 2021
IEC approval number - IEC/AIIMS BBSR/PG Thesis/2020-21/105
4. Title of the project: Time and stress management among senior residents (clinical) in AIIMS, Bhubaneswar prior to COVID-19 pandemic and during lockdown period.
Name of the Principal Investigator - Dr Samarendra Mahapatro
Duration - 1 year, Start year: 2021
IEC approval number - T/IM-NF/ Ped/20/60
5. Title of the project: Innovative preventive ideas practiced by Medical faculty of AIIMS, Bhubaneswar to reduce spread of coronavirus.
Name of the Principal Investigator - Dr Samarendra Mahapatro
Duration - 2 years, Start year - 2021
IEC approval number - T/IMNF/ Ped/20/06

6. Title of the project: Normal values for six minute walk test in children: a prospective observational study.
Name of the Principal Investigator - Dr Rashmi Ranjan Das
Duration - 2 years, Start year - 2020
IEC approval number - IEC/AIIMSBBBSR/PG Thesis/2021-22/49
7. Title of the project: Melatonin as add on therapy in treatment of children with drug resistant epilepsy: An open label randomized controlled trial.
Name of the Principal Investigator - Dr Samarendra Mahapatro
Duration - 2 years, Start year - 2020
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2020-2021/56
8. Title of the project: To determine arterial stiffness in children with idiopathic nephrotic syndrome compared to apparently healthy children: A cross sectional study
Name of the Principal Investigator - Dr Amit Kumar Satapathy
Duration - 2 years, Start year - 2019
IEC approval number - IEC/AIIMSBBBSR/PG Thesis/2019-20/103

PEDIATRIC SURGERY

Funded Projects

Completed:

1. Title of the project- Effect of preoperative stimulation with estrogen on Post-operative complications after Proximal hypospadias repair – A randomized controlled trial
Name of the Principal Investigator- Dr Akash Bihari Pati
Funding agency- AIIMS Bhubaneswar
Duration – 2 years, Start year- 2017, Funds- INR 2,75,000
IEC approval number- T/IM-F/17-18/47
2. Title of the project- Diagnostic accuracy of LRG as urinary biomarker in pediatric appendicitis- A prospective observational pilot study
Name of the Principal Investigator- Dr Santosh Kumar Mahalik
Funding agency- AIIMS Bhubaneswar
Duration – 2 years, Start year- 2017, Funds- INR 1,72,000
IEC approval number- T/IM-F/17-18/36

Ongoing

1. Title of the project- Incidence of neural tube defect and its detection on antenatal ultrasonography in an eastern Indian state- A population based cross sectional study.
Name of the PI- Dr Santosh Kumar Mahalik
Funding agency- ICMR
Duration- 15 months, Start year- 2021, Funds- INR 30,20,471
IEC approval number- EMF/Ped.Surg/20/11
2. Title of the project- A novel device for detecting the proximal extent of pathology (Levelling) in Hirschsprung disease.
Name of the Principal Investigator- Dr Akash Bihari Pati
Funding agency- BIRAC (BIG - 17 Grant)
Duration- 18 months, Start year- 2021, Funds- INR 4992000
IEC approval number- T/EMF/PedSurg/21/20
3. Title of the project: Conservative treatment with antibiotics versus emergency appendectomy for management of acute non-perforated appendicitis in children- A randomized controlled trial.
Name of the Principal Investigator- Dr Bikasha Bihary Tripathy
Funding agency- AIIMS Bhubaneswar
Duration – 2 & ½ years, Start year-2017, Funds- INR 1,90,000
IEC approval number- T/IM-F/17-18/48

Departmental:**Completed:**

1. Title of the project: Risk of complications associated with vascular flap coverage of glanular neo-urethra during primary urethroplasty – A randomized controlled trial
Name of Principal Investigator- Dr Manoj Kumar Mohanty
Duration – 2 years, Start year- 2017
IEC approval number- IEC/AIIMSBBBSR/ PG THESIS/ 2017-18/31
2. Title of the project: An analysis of the complications of ventriculoperitoneal shunt in children
Name of Principal Investigator- Dr Kanishka Das
Duration – 2 years, Start year- 2018
IEC approval number- IEC/AIIMSBBBSR/ PG THESIS/ 2018-19/27

Ongoing

1. Title of the project- Prevalence of pancreaticobiliary malformation in patients of choledochal cyst.
Name of Principal Investigator- Dr Bikasha Bihary Tripathy
Duration – 2 years, Start year- 2018
IEC approval number- IEC/AIIMSBBBSR/ PG THESIS/ 2018-19/46
3. Title of the project- The association of urinary tract infection with the progression of reflux nephropathy in children with primary vescico-uereteric reflux- a bidirectional study.
Name of the Principal Investigator- Dr Akash Bihari Pati
Duration – 2 years, Start year- 2019
IEC approval number- IEC/AIIMSBBBSR/ PG THESIS/ 2019-20/52
4. Title of the project- To study the role of Cortical Transit Time on Diuretic Renography in determining the need for surgery and evaluating the postoperative outcome in Uretero-Pelvic Junction Obstruction in children- A Prospective observational study.
Name of the Principal Investigator- Dr Subrat Kumar Sahoo
Duration – 2 years, Start year- 2019
IEC approval number- IEC/AIIMSBBBSR/ PG THESIS/ 2019-20/71

PHARMACOLOGY**Funded****Completed**

1. Title of the project - Effect of Virgin Coconut Oil (VCO) on cardio metabolic parameters in patients with dyslipidaemia: A randomized, add-on, placebo-controlled clinical trial.
Name of the Principal Investigator - Dr Rituparna Maiti
Funding agency - Coconut Development Board, Ministry of Agriculture & Farmers Welfare, Government of India
Duration: 3 years, Start year: 2019, Funds- INR 20,42,000
IEC approval number: T/EMF/Pharma/ 18 / 23

Ongoing

1. Title of the project: Effect of alpha lipoic acid on non-alcoholic fatty liver disease: A randomized placebo-controlled clinical trial.
Name of the Principal Investigator - Dr Monalisa Jena
Funding agency-- AIIMS, Bhubaneswar
Duration: 2 years, Start year: 2020, Funds- INR 5,00,000
IEC approval number: T/IM-F/19-20/16
2. Title of the project – An artificial intelligence approach to predict the response to chemotherapy in patients with epithelial ovarian carcinoma
Name of the Principal Investigator - Dr Anand Srinivasan
Funding agency - ICMR

Duration: 3 years, Start year: 2020, Funds- INR 28,000,00
IEC approval number: T/EMF/Pharm/20/12

3. Title of the project – Development of point of care rapid vancomycin assay in intensive and acute care settings for the personalized management of antibiotic dosage in bacterial infections
Name of the Principal Investigator - Dr Anand Srinivasan
Funding agency - ICMR
Duration: 2 years, Start year: 2022, Funds- INR 48,000,00
IEC approval number: T/EMF/Pharm/21/52
4. Title of the project -Assessment of the availability, price, and affordability of essential medicines in aspirational districts of Odisha
Name of the Principal Investigator- Dr Bikash Ranjan Meher
Funding agency- ICMR/DHR
Duration- 1 year, Start year- 2022, Funds- INR 18,67,000
IEC Approval number: T/IM/NF/Pharm/21/102

Non-Funded

Ongoing

1. Title of the project- Patient reported adverse events of radiopharmaceuticals: A single centre experience from a tertiary care teaching hospital
Name of the Principal Investigator - Dr Bikash Ranjan Meher
Duration- 1 year, Start year- 2021
IEC Approval number: T/IM/NF/Pharm/21/102

Departmental

1. Title of the project- Efficacy, safety, and population pharmacokinetics of low dose vs standard dose hydroxyurea in paediatric patients suffering from sickle cell disease: A randomized double blind active controlled non inferiority clinical trial
Name of the Principal Investigator - Dr Debasish Hota
Duration: 2 years, Start year: 2021
IEC Approval number: IEC/AIIMS BBSR/PG Thesis/ 2021-22/80
2. Title of the project – Assessment of antimicrobial usage in patients with acute undifferentiated febrile illness or pyrexia of unknown origin admitted in a tertiary health care
Name of the Principal Investigator - Dr Biswa Mohan Padhy
Duration - 2 years, Start year- 2020
IEC approval number: IEC/AIIMS BBSR/PG Thesis/ 2020-21/93
3. Title of the project- Effect of regulated add-on sodium chloride intake on stabilization of serum lithium concentration in bipolar disorder: A randomized controlled trial
Name of the Principal Investigator - Dr Rituparna Maiti
Duration: 1.5 years, Start year: 2020
IEC Approval number: IEC/AIIMS BBSR/PG Thesis/ 2019-20/76
4. Title of the project- Repurposing of dextromethorphan as an adjunct therapy in patients with major depressive disorder: A randomized, group sequential adaptive design, controlled clinical trial
Name of the Principal Investigator - Dr Rituparna Maiti
Duration: 1.5 years, Start year: 2022
IEC Approval number: IEC/AIIMS BBSR/PG Thesis/ 2021-22/74
5. Title of the project- Evaluation of efficacy and safety of add-on sarcosine in patients with major depressive disorder: A randomized controlled trial
Name of the Principal Investigator - Dr Monalisa Jena
Duration: 1 year, Start year: 2021
IEC approval number: IEC/ AIIMS BBSR/PG Thesis/ 2021-22/07
6. Title of the project - A group sequential, response adaptive randomized double-blinded clinical trial to evaluate the safety and efficacy of add-on combination of olanzapine and pregabalin for the prevention of chemotherapy-induced nausea and vomiting in patients receiving moderately to highly emetogenic chemotherapeutic regimen in a day care

setting

Name of the Principal Investigator - Dr Anand Srinivasan

Duration: 2 years, Start year: 2021

IEC approval number: IEC/AIIMS BBSR/PG Thesis/2021-2022/0

7. Title of the project- Randomized double blind placebo controlled multi-arm clinical trial to evaluate safety and efficacy of pre-emptive olanzapine v/s pregabalin in the management of postoperative nausea and vomiting in patients of Arthroplasty surgery

Name of the Principal Investigator - Dr Debasish Hota

Duration: 2 years, Start year: 2022

IEC Approval number: IEC/AIIMS BBSR/PG Thesis/ 2021-22/112

PHYSICAL MEDICINE & REHABILITATION (PMR)

Funded Projects

Completed:

1. Title of the project- "Injection Botulinum Toxin-A administration in paraspinal muscles in resistance chronic low back pain – a clinical trial."
Name of the Principal Investigator - Dr Jagannatha Sahoo
Funding agency - All India Institute of Medical Sciences, Bhubaneswar
Duration: 2 years, Start year: 2017, Funds: INR 3,00,000
IEC approval number: T/IM-F/17-18/49
2. Title of the project- "Role of Intra-articular and Intra-osseous injections of Platelet Rich Plasma in OA Knee."
Name of the Principal Investigator- Dr Apurba Barman
Funding agency- All India Institute of Medical Sciences, Bhubaneswar
Duration - 1 year, Start year - 2018, Funds: INR 4,00,000
IEC approval number: T/IM-F/18-19/49
3. Title of the project- "Cartilage turnover and changes in inflammatory biomarkers and its correlation with clinical efficacy after intra-articular and intra-osseous Platelet Rich Plasma Injections in Osteoarthritis: Randomized Controlled Clinical Trial"
Name of the Principal Investigator - Dr Apurba Barman
Funding agency- ICMR
Duration: 2 years, Start year: 2019, Funds: INR 20,00,000
IEC approval number: T/EMF/PMR/18/30

Nonfunded Projects

Completed:

1. Title of the project- Assessment of function and quality of life after supervised versus unsupervised rehabilitation program following unilateral uncomplicated total hip replacement: A randomized controlled trial
Name of the Principal Investigator- Dr Apurba Barman
Duration: 2 years, Start year: 2019
IEC approval number: IEC/ AIIMS BBSR/PG Thesis/ 2019-20/82

Ongoing:

1. Title of the project- Role of fluoroscopically guided Intra-articular depot Methyl-Prednisolone Injection in sacroiliac joint pain and dysfunction- prospective randomized controlled trial
Name of the Principal Investigator- Dr Apurba Barman
Duration: 2 years, Start year: 2020
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2020-21/12
2. Title of the project - Robot-assisted training (RAT) in upper-limb motor and functional recovery in stroke patients – A prospective randomized controlled trial
Name of the Principal Investigator - Dr Apurba Barman

Duration: 2 years, Start year: 2021

IEC approval number: IEC/ AIIMS BBSR/PG Thesis/ 2021-22/20

3. The Project- Depression following traumatic spinal cord injury
Name of the Principal Investigator- Dr Jagannatha Sahoo
Duration: 2 years, Start year: 2022
IEC Approval no: T/IM-NF/PMR/22/24
4. Title of the project- Efficacy of abduction brace on primary THR for prevention of post-operative dislocation- a retrospective case-note analysis
Name of Principal Investigator- Dr Jagannatha Sahoo
Duration: 2 years, Start year: 2020
IEC approval no: T/IM-NF/PMR/20/61
5. Title of the project- Evolution of serum uric acid level as a risk factor and severity indicator of acute ischaemic stroke
Name of Principal Investigator- Dr Jagannatha Sahoo
Duration: 2 years, Start year: 2020
IEC approval no: T/IM-NF/PMR/20/124
6. Title of the project- PRP injection for Adhesive capsulitis- a meta-analysis
Name of Principal Investigator- Dr Jagannatha Sahoo
Duration: 2 years, Start year: 2021
IEC Approval no: T/IM-NF/PMR/21/07
7. Title of the project - Use of intra-articular ozone in OA knee of type-2 DM patients
Name of Principal Investigator- Dr Jagannatha Sahoo
Duration: 2 years, Start year: 2020
IEC Approval no: T/IM-NF/PMR/20/146

Departmental:

Completed:

1. Title of the project - "Role of Intra-articular and Intra-osseous injections of Platelet Rich Plasma in OA Knee."
Name of the Principal Investigator- Dr Apurba Barman
Duration: 1 year, Start year: 2018
IEC approval number: T/IM-F/18-19/49
2. Title of the project - "Assessment of function and quality of life after supervised versus unsupervised rehabilitation program following unilateral uncomplicated total hip replacement: A randomized controlled trial "
Name of the Principal Investigator- Dr Apurba Barman
Duration: 2 years, Start year: 2019
IEC approval number: IEC/ AIIMS BBSR/PG Thesis/ 2019-20/82
3. Title of the project - Clinical effectiveness and MRI changes after continuous lumbar traction in patients with low back pain due to lumbar disc herniation at a tertiary care hospital: a randomised controlled trial
Name of the Principal Investigator- Dr Jagannatha Sahoo
Duration: 2 years, Start year: 2019
IEC approval No: IEC/AIIMSBBSR/PG Thesis/2019-20/32

Ongoing:

1. Title of the project - "Role of fluoroscopically guided Intra-articular depot Methyl-Prednisolone Injection in sacroiliac joint pain and dysfunction- prospective randomized controlled trial"
Name of the Principal Investigator - Dr Apurba Barman
Duration: 2 years, Start year: 2020
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2020-21/12
2. Title of the project - "Robot-assisted training (RAT) in upper-limb motor and functional recovery in stroke patients – A prospective randomized controlled trial"
Name of the Principal Investigator - Dr Apurba Barman
Duration: 2 years, Start year: 2021
IEC approval number: IEC/ AIIMS BBSR/PG Thesis/ 2021-22/20

3. Title of the project- Evaluation of donor ankle and foot function following arthroscopic Anterior Cruciate ligament reconstruction using autologous Peroneus Longus Tendon graft.
Name of the Principal Investigator - Dr Jagannatha Sahoo
Duration: 2 years, Start year: 2021
IEC approval no: IEC/AIIMSBBBSR/PG thesis/2021/18
4. Title of the project - Efficacy of Robotic rehabilitation on Total Knee replacement
Name of Principal Investigator - Dr Jagannatha Sahoo
Duration: 2 years, Start year: 2021
IEC approval no: IEC/AIIMSBBBSR/PG Thesis/2021-22/19

PHYSIOLOGY

Funded Projects

Completed:

1. Title of the project -Study the regulation of cancer-associated microRNA in different cancer cells by green tea Polyphenols
Name of the Principal Investigator- Dr Amit Ghosh
Funding agency- NTRF Duration,
Duration: 3 years, Start year: 2017, Funds: INR 35,02,740
IEC approval number: T/EM-F/Physio/15/08
2. Title of the project - Correlation of sleep spindles density with a pursuit rotor task performance in young adults
Name of the Principal Investigator - Dr Priyadarshini Mishra
Funding agency - ICMR STS
Duration:1 year, Start year: 2020, Funds: INR 20000
IEC approval number: IEC/AIIMS BBSR/STS/2019-20/16
3. Title of the project- To study the association of arterial stiffness and biochemical correlates of cerebral hypo-perfusion with treatment resistant major depressive disorder (MDD) in middle-aged population
Name of the Principal Investigator- Dr Kalpana Barhwal
Funding agency- AIIMS, BBSR,
Duration:2 years, Start year: 2019, Funds: INR 2, 47,600
IEC approval number: T/IM-F/Physio/18-19/02
4. Title of the project - Association of NF-kB-miR-146a expression with nerve conduction studies in diabetic peripheral neuropathy patients-A pilot study.
Name of the Principal Investigator – Dr Nibedita Priyadarsini
Funding agency – AIIMS, BBSR
Duration: 1 year, Start year:2019, Funds: INR 2,59,205
IEC approval number: T/IM-F/18-19/16

Ongoing

1. Title of the project - Mutation analysis of congenital cataract and genotype –phenotype association in Eastern Indian Population.
Name of the Principal Investigator - Dr Amit Ghosh
Funding agency- ICMR
Duration: 3 Years, Start year:2020, Funds- INR 30,00,000
IEC approval number: T/EMF/Physio/18/32
2. Title of the project - Determinants of Excess Alpha Globin Chain- As a Central Modifier of Phenotypes in Beta-Thalassemia.
Name of the Principal Investigator - Dr Amit Ghosh
Funding agency – DBT
Duration: 3 years, Start year:2019, Funds- INR 38, 72,384
IEC approval number: T/IM-F/Physio/15/05

3. Title of the project - Study the efficacy of virgin coconut oil in preventing oral cancer in-patient with an oral premalignant lesion.
Name of the Principal Investigator - Dr Amit Ghosh
Funding agency - Coconut Development Board (CDB),
Duration: 3 years, Start year:2019, Funds - INR 30, 18,750
IEC approval number: T/EMF/Physio/18/14
4. Title of the project - Gut microbiome profile and cognition in Obstructive Sleep Apnea: A preliminary study
Name of the Principal Investigator - Dr Priyadarshini Mishra
Funding agency - AIIMS Bhubaneswar
Duration :1 year, Start year: 2020 Funds – INR 500000
IEC approval number: T/IM-F/20-21/25
5. Title of the project- Investigating the role of neddylation in neuroglobin mediated hypoxic neuroprotection and implications for augmenting neuronal survival in hypoxia
Name of the Principal Investigator - Dr Kalpana Barhwal
Funding agency - Department of Science and Technology (DST)
Duration: 3 years, Start year: 2017, Funds - INR 10,37,500
IEC approval number: T/EM-F/Physio/16/08
6. Title of the project- Investigating role of serum magnesium in pathophysiology of heat illness and susceptibility among Indian population
Name of the Principal Investigator - Dr Kalpana Barhwal
Funding agency-Life Science Research Board
Duration: 3 years, Start year: 2019, Funds- INR 21,70,560
IEC approval number: T/EM-F/Physio/17/09
7. Title of the Project: Role of neddylation in presynaptic regulation of glutamate excitotoxicity during hypoxia
Name of the Principal Investigator - Dr Kalpana Barhwal
Funding agency -DST
Duration: 3 years, Start year: 2022, Funds- INR 48,23,764
IEC approval number: IAEC/2022/1

Departmental:**Completed:**

1. Title of the project - Determination of arterial stiffness by measuring brachial ankle pulse wave velocity (baPWV) and augmentation index in Type 2 diabetes mellitus (T2DM) patients: A case control study.
Name of the Principal Investigator - Dr Manisha Kar
Duration :1 year, Start year:2020
IEC approval number: T/IM-NF/Physio/20/73
2. Title of the project - The study of sarcopenia in type 2 diabetes mellitus adults in Eastern India.
Name of the Principal Investigator – Dr Nibedita Priyadarsini
Duration: 2 years, Start year:2019
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2019-20/13
3. Title of the project - Study the risk factors associated with type 2 diabetes mellitus progressing to cognitive decline.
Name of the Principal Investigator – Dr Nibedita Priyadarsini
Duration: 1 year, Start year:2019
IEC approval number: T/IM-F/18-19/24
4. Title of the project - Effect of isotonic and isometric exercise on spirometric indices
Name of the Principal Investigator – Dr Nibedita Priyadarsini
Duration: 1 year, Start year:2020
IEC approval number: T/IM-F/18-19/92

Ongoing

1. Title of the project – Association of heart rate variability and arterial stiffness in non-obese polycystic ovary syndrome patients.
Name of the Principal Investigator - Dr Pranati Nanda

Duration: 1 year; Start year:2022

IEC approval number: T/IM-NF/Physio/21/124

2. Title of the project - Determination of arterial stiffness and endothelial function in T2DM patients with diabetic retinopathy of varying severity: A case control study
Name of the Principal Investigator - Dr Manisha Kar
Duration: 1 year; Start year:2020
IEC approval number: T/IM-NF/Physio/20/107
3. Title of the project - Determination of Heart Rate Recovery (HRR) in response to cognitively engaged exercise stress test in PCOS (Polycystic Ovarian Syndrome) women
Name of the Principal Investigator - Dr Manisha Kar
Duration:1 year; Start year:2020
IEC approval number: IEC/AIIMS BBSR/STS/2019-20/15
4. Title of the project - Effect of cinnamon supplementation on vascular function, oxidative stress and ovarian function in phenotypically obese women with PCOS: An open labelled randomized controlled trial.
Name of the Principal Investigator - Dr Manisha Kar
Duration: 1 year, Start year: 2022
IEC approval number: T/IM-NF/Physio/21/138
5. Title of the project- Exploration of temporal order judgment of two visual events with electroencephalography
Name of the Principal Investigator - Dr Manish Goyal
Duration: 1 year, Start year:22
IEC approval number: T/IM-NF/Physio/21/104
6. Title of the project- Development of wearable vibration based communication system for blind individuals and deaf individuals.
Name of the Principal Investigator - Dr Manish Goyal
Duration: 1 year, Start year: 2022
IEC approval number: T/IM-NF/Physio/21/118
7. Title of the project: Development of SONAR assisted navigation device for individuals with impaired vision.
Name of the Principal Investigator - Dr Manish Goyal
Duration: 1 year, Start year: 2022
IEC approval number: T/IM-NF/Physio/21/120
8. Title of the project - Drug-resistant epilepsy and ketogenic diet and microbiome: Exploring underlying pathophysiological Mechanisms.
Name of the Principal Investigator - Dr Priyadarshini Mishra
Duration: 3 years, Start year: 2020
IEC approval number: IEC /AIIMS BBSR/PhD Thesis/2020-21/01
9. Title of the Project - Motor Planning in Schizophrenia Patients: An Event Related Brain Potential (ERP) Study.
Name of the Principal Investigator- Dr B. Narasimha Rao
Duration: 2 years, Start Year: 2022
IEC Approval Number: IEC/AIIMS BBSR/PG Thesis/2021-22/87
10. Title of the Project- Assessment of Cardiovascular health in Non-alcoholic Fatty Liver Disease patients with sarcopenia: A cross-sectional study
Name of the Principal Investigator – Dr Nibedita Priyadarsini
Duration: 2 years, Start year: 2022
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2022-23/61

Collaborative projects:

Completed

1. Title of the project - Validation of Smart phone based spirometer. With IIT Kharagpur
Name of the Principal Investigator -Dr Manish Goyal
Duration: 3 years, Start year: 2019
IEC approval number: T/EMF/Physio/18/44

Ongoing

1. Title of the project - Fingerprinting of ambient fine particulate matter, their impact on the exposed population through a case-control study at an urban location in the eastern coastal plains of India, and developing a suitable material for facemask as a preventive measure.
Name of the Principal Investigator -Dr Manisha Kar
Funding agency - ISRO-GBP
Duration - 3 years, Start year – 2020, Funds - INR 22,12,000
IEC approval number: T/EMF/Physio/20/07
2. Title of the project- Feature extraction of chaotic time series generated by EEG data for detection and prediction of epilepsy. With IIT Bhubaneswar
Name of the Principal Investigator- Dr Manish Goyal
Duration: 3 years, Start year:2019
IEC approval number: T/EMF/Physio/19/10
3. Title of the project - MedSIM 2.0 - Online Skills Lab and Virtual Patient Cases
Name of the Principal Investigator - Dr Priyadarshini Mishra
Funding agency – Ministry of Electronics and Information Technology
Duration: 3 years, Start year: 2022, Funds - INR 956000
IEC approval number: T/EMF/Physio/21/62

PSYCHIATRY

Funded Projects

Completed:

1. Title of the project: Comparison of maintenance ECT versus Clozapine on psychopathology and regional cerebral blood flow in treatment-resistant schizophrenia: A randomized controlled trial. [Completed in Apr 2021]
Name of the Principal Investigator: Dr B R Mishra
Funding agency: AIIMS, BBSR (IRG)
Duration, start year: 2019
Funds: INR 3,70,000
IEC approval number: T/IM-F/18-19/38
2. Title of the project: Psychiatric comorbidities in patients with seizure disorder
Name of the Principal Investigator: Dr B R Mishra
Duration, start year: 2021
IEC approval number: T/IM-NF/Psych/20/196
3. Title of the project-Detection of New Psychoactive Substances (NPS) among male Substance abuse Treatment Seekers in India: A Multi-centric Study
Name of the Principal Investigator: Dr Susanta Kumar Padhy
Funding agency- Department of Revenue, Ministry Of Revenue, New Delhi
Duration: 2 years, start year: 2020, Funds- INR 2.00,000
IEC approval number: T/EMF/Psych/19/48
4. Title of the project: Effect of Add-on Aripiprazole on cardiometabolic profile in Treatment-Resistant Schizophrenia on Clozapine with Metabolic syndrome: A randomized controlled trial". Funding agency: AIIMS, BBSR (IRG).
Name of the Principal Investigator: Dr Debadatta Mohapatra
Duration: one year, start year: 2021
Funds: INR 3,90,000/-
IEC approval number: T/IMF/21-22/30.

Ongoing

1. Title of the project- Comparative efficacy of antidepressant augmentation with Amantadine vs Pramipexole vs Quetiapine in treatment-resistant unipolar depression: A randomized controlled trial.
Name of the Principal Investigator: Dr B R Mishra

Funding agency: ICMR

Duration, start year: 2020 Funds: INR 8, 70,000

IEC approval number: T/EMF/Psych/19/49

2. Title of the project- Development and Validation of an Indian Instrument to Assess Severity of Nomophobia.
Name of the Principal Investigator: Dr B R Mishra
Funding agency: ICMR
Duration, start year: 2021 Funds: INR 8, 70,000
IEC approval number: T/EMF/Psych/20/22
3. Title of the project- Efficacy and safety of add-on Topiramate versus Metformin on cardio-metabolic profile in patients of schizophrenia on atypical antipsychotics with Metabolic syndrome: A randomized controlled trial.
Name of the Principal Investigator: Dr B R Mishra
Funding agency: ICMR (PG Thesis grant)
Duration, start year: 2021
Funds: INR 50,000
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2021-22/23
4. Title of the project-Mental health issues among working women in urban Odisha: Inter-relationship with parenting, domestic violence, psycho-sexual functioning, and occupation (ongoing)
Name of the Principal Investigator: Dr Susanta Kumar Padhy
Funding agency- National commission for Women (NCW)
Duration: one year, Start year 2021, Funds: INR 14,41,000
IEC approval number: T/EMF/Psych/20/72

Non funded projects

Completed

1. Title of the project- Digital media use in children and adolescents and its effect on their health, psychological & behavioural functioning and family during COVID-19 lockdown in India.
Name of the Principal Investigator: Dr Susanta Kumar Padhy
Duration: One year, start year: 2020
IEC approval number: T/EMF Psych/20/39
2. Title of the project-Stress, Anxiety, Depression and Coping Behaviors in Interns of Tertiary care hospitals during COVID-19 lockdown India
Name of the Principal Investigator: Dr Susanta Kumar Padhy
Duration: one year, Start year: 2020
IEC approval number: T/EMF/Psych/20/37
3. Title of the project- Qualitative exploration of experience of subjects with substance use disorders during COVID-19 times: A Multi-centric study
Name of the Principal Investigator: Dr Susanta Kumar Padhy
Duration: One year, start year: 2020
IEC approval number: T/IM-NF/Psych/20/29

Ongoing

1. Title of project - Tele psychiatry becoming a way to uncover sensitive mental issues: chart review
Name of the Principal Investigator: Dr Shree Mishra
Duration: six months, start year- 2022
IEC approval number: T/FM-NF/Psych/21/77

Departmental

Completed:

1. Title of the project - Comparative efficacy and safety of low dose Amisulpride Vs Olanzapine-Fluoxetine Combination in the treatment of Post Schizophrenic Depression: A Randomized Controlled study
Name of the Principal Investigator: Dr Biswa Ranjan Mishra
Duration :3 years, Start year: 2019
IEC approval number: IEC/AIIMS BBSR/PGTHESIS/2019-20/26

2. Title of the project- IL-6 in subjects with Acute and Transient Psychotic Disorder (ATPD) and their healthy siblings (completed)
Name of the Principal Investigator: Dr S K Padhy
Duration: Two years, Start year: 2020
IEC approval number: AIIMS/BBSR/ PG Thesis/2018-19/55
3. Title of the project- Development and effectiveness of a video-based parent training intervention for children with Autism Spectrum Disorder: A Randomized Controlled Trial
Name of the Principal Investigator: Dr Suravi Patra
Duration: Three years, start year : 2020
IEC approval number: IEC/AIIMSBBBSR/PG thesis/2020-21/58
4. Title of the project - Effect of resistant starch induced gut microbiome alteration on the behavioral correlates of alcohol dependence syndrome, an open label randomized control preliminary study(ongoing)
Name of the Principal Investigator: Dr Shree Mishra
Duration: three years, Start year : 2020
IEC approval number: IEC/AIIMS BBSR/Pg Thesis/2020-21/60

Ongoing:

1. Title of the project - Efficacy and safety of add-on Topiramate versus Metformin on cardio-metabolic profile in patients of schizophrenia on Atypical antipsychotics with Metabolic syndrome: A randomized controlled trial.
Name of the Principal Investigator: Dr Biswa Ranjan Mishra
Duration: three years, Start year : 2021
IEC approval number: IEC/AIIMSBBBSR/PG THESIS/2021-22/23
2. Title of the project- N-acetyl cysteine as an add on therapy in negative symptoms of schizophrenia
Name of the Principal Investigator: Dr S K Padhy
Duration: Two years, Start year: 2020
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2020-21/85
3. Title of the project- Determinants of quality of life of children and adolescents diagnosed with autism spectrum disorder and their parents: a cross-sectional study
Name of the Principal Investigator: Dr Suravi Patra
Duration: Three years, start year: 2021
IEC approval number: : IEC/AIIMS BBSR/PG Thesis/2021-22/39.

PULMONARY MEDICINE & CRITICAL CARE

Funded Projects:**Ongoing Funded Projects:**

1. Title of the project: Phase III, Randomized, Double-blind, Placebo controlled Trial to Evaluate the Efficacy and Safety of VPM1002 and Immuvac Vaccines in Preventing Tuberculosis (TB) in Healthy Household Contacts of Newly Diagnosed Sputum Positive Pulmonary TB Patients
Name of the Principal Investigator : Dr Prasanta Raghav Mohapatra
Funding agency: ICMR
Duration: 4 years, start year: Dec 2019
Funds: INR 2.6 crore
IEC approval number: T/EMF/PulMed/19/01 dated 13.6.2019
2. Title of the project: ILD Networking Project 2021-23. Multicentric project of ICMR.
Name of the Principal Investigator : Dr Prasanta Raghav Mohapatra
Funding agency: ICMR
Duration: 4 years, start year: 2021
Funds: INR 45,00,000
IEC approval number: T/EMF/PulMed/20/18 dated 04.09.2019
3. Title of the project: Determinant of COVID mortality in India. (Multicentric involving All (1+6) AIIMS multicentric project 2020-21.

Name of the Principal Investigator : Prasanta Raghav Mohapatra
 Funding agency: Nil
 Duration: 4 months, start year: 2020
 Funds: Nil

4. Title of the project: Clinical presentation, management & outcomes among patients with chronic obstructive pulmonary disease – The Indian COPD Registry (INCOR) study
 Name of the Principal Investigator: Dr Manoj Kumar Panigrahi
 Funding agency: Cipla Ltd. Duration: One year start year: 2020
 Funds: INR 32,000
 IEC approval number: T/EMF/Pul. Med./20/19
5. Title of the project: National Clinical Registry of Covid-19
 Name of the Principal Investigator: Dr Sourin Bhuniya
 Funding agency: ICMR Duration: 12 months Start year: 2020
 Funds: INR 44,02,000
 IEC approval number: T/EM-F/Pul Med/20/38

Funded Projects Completed during the period:

1. Title of the project: A Randomised, Controlled, Open Label, Multicentre, Two Arm, Two Dosage, Phase II Study Assessing the Efficacy and Safety of Intravenous Administration of Adult Human Bone Marrow Derived, Cultured, Pooled, Allogeneic Mesenchymal Stromal Cells in Patients with Acute Respiratory Distress Syndrome Caused by Pneumonia due to COVID-19
 Name of the Principal Investigator: Dr Manoj Kumar Panigrahi
 Funding agency: ICMR
 Duration: 6 months start year: 2020
 Funds: Trial terminated by the sponsor.
 IEC approval number: T/EMF/Pul.Med/20/43
2. Title of the project: Relationship between the radiologic severity of bronchiectasis and pulmonary hypertension among adults with bronchiectasis
 Name of the Principal Investigator: Dr Manoj Kumar Panigrahi
 Funding agency: AIIMS, Bhubaneswar
 Duration: one year start year: 2019
 Funds: INR 377320/-

Non-Funded Projects:

Departmental (PG Thesis): Ongoing:

1. Title of the project: Burden of post-COVID sequelae among adult survivors of COVID-19 in a tertiary care hospital in eastern India – A prospective cohort study
 Name of the Principal Investigator: Dr Manoj Kumar Panigrahi
 Duration: two years, start year: 2020
 IEC approval number: IEC/AIIMS BBSR/PG Thesis/2020-21/108
2. Title of the project: Role of dextromethorphan premedication versus placebo in alleviation of cough during flexible bronchoscopy in adults: A randomised controlled trial
 Name of the Principal Investigator: Dr Manoj Kumar Panigrahi
 Duration: two years, start year: 2020
 IEC approval number: IEC/AIIMS BBSR/PG Thesis/2019-20/89
3. Title of the project: Pulmonary function, exercise capacity and right heart function in post Covid-19 patients at a tertiary care centre – an observational study
 Name of the Principal Investigator: Dr Sourin Bhuniya
 Duration: two years, start year: 2020
 IEC approval number: IEC/AIIMS BBSR/PG Thesis/2020-21/73
4. Title of the project: is “Comparison of Diagnostic Yield and Complications in Ultrasound Guided Closed Pleural Biopsy Versus Thoracoscopic Pleural Biopsy in Undiagnosed Exudative pleural effusion, a randomised controlled trial
 Name of the Principal Investigator: Dr Prasanta Raghav Mohapatra

Duration: 14 months, start year: 2019
IEC approval No: IEC/AIIMS BBSR/PG Thesis/2019-20/36

Departmental

Completed:

1. Title of the project: Therapeutic thoracentesis versus chest tube and Iodopovidone pleurodesis in relieving dyspnoea in patients with malignant pleural effusion secondary to lung cancer – A randomised controlled trial
Name of the Principal Investigator: Dr Manoj Kumar Panigrahi
Duration: two year, start year: 2019
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2018-19/28
2. Title of the project: "Comparison of clinico-radiological features, decline in lung function and clinical course of COPD among smokers and non-smokers : A prospective observational study"
Name of the Principal Investigator: Dr Sourin Bhuniya
Duration: 14 months, start year: 2019
Ref No: IEC/AIIMS BBSR/PG THESIS/2019-20/45

RADIODIAGNOSIS

Funded

Completed

1. Title of the project - Role of multiparametric M.R.I. in differentiating benign and malignant causes of non-specific gall bladder wall thickening-
Name of the Principal Investigator: Dr Sudipta Mohakud,
Funding agency- AIIMS Bhubaneswar,
Funds: INR 229,600
Start year: Feb 2019,
Completed in: 2021

RADIATION ONCOLOGY

Funded Projects:

Ongoing:

1. Title of the project: Hospital based cancer Registry-data management, National Centre for Disease Informatics and Research
Name of the Principal Investigator: Dr S. K. Das Majumdar
Funding agency: ICMR
Duration: 5 year
Start year: 2017
Funds: INR 8,00,000 per year
IEC approval number: (EMF/14/2017)
2. Title of the project: Pattern of care and survival of head & Neck, Breast and cervical cancer in India.
Name of the Principal Investigator: Dr S. K. Das Majumdar
Funding agency: ICMR
Funds: INR 10,00,000 per year
IEC approval number: (EMF/14/2017)
3. Title of the project: Comparison of treatment response rates between short course Radiotherapy followed by chemotherapy and surgery versus long course Chemoradiation followed by surgery for Carcinoma Rectum: A Phase III Randomized Controlled Study"
Name of the Principal Investigator: Dr S.K Barik
Funding agency: AIIMS Intramural Funding

Duration: 5 year
 Start year: 2021
 Funds: INR 7,00,000/-
 IEC approval number: T/IM-F/21-22/08

Departmental Projects

Non Funded

1. Thesis title: correlation of EZH2 expression and response to chemoradiation in patients with locally advanced inoperable oral cavity and oropharyngeal squamous cell cancers.
 Name of the Principal Investigator: Dr Saroj Kumar Das Majumdar.
 Duration of project: 2 years.
 IEC/AIIMS BBSR/PG Thesis/2021-22/01.
2. Thesis title: Assessment of Response to neoadjuvant short-course radiotherapy (5 x 5 Gy) followed by chemotherapy in carcinoma rectum: An observational study.
 Name of the Principal Investigator: Prof Dr Dillip Kumar Parida.
 Duration of project: 2 years.
 IEC/AIIMS BBSR/PG Thesis/2021-22/02.

SURGICAL ONCOLOGY

Non-Funded Projects

Departmental:

Ongoing:

1. Title of the project: Abipective Study using Brandwein Gensler risk model in patients with early-stage oral cancer for adjuvant treatment planning
 Name of the Principal Investigator: Dr Mahesh Sultania
 Duration- 2 Yr, start year: Dec 2019
 IEC approval number: T/IM-NF/Surg.Onco/19/60
2. Title of the project: Validation of Clinical measurement of the depth of invasion for staging in Oral Cancer patients according to 8th AJCC.
 Name of the Principal Investigator: Dr Mahesh Sultania
 Duration- 2 Yr, start year: Sep 2019
 IEC approval number: T/IM-NF/Surg.Onco/19/44
3. Title of the project: Low cost, oral, metronomic therapy protocol in locally advanced oral cancers – Feasibility Study .
 Name of the Principal Investigator: Dr Mahesh Sultania.
 Duration- 2 Yr, start year: May 2019
 IEC approval number: T/IM-NF/Surg.Onco/18/75
4. Title: Pattern of Cancer in Odisha: A retrospective multi-institutional study.
 Name of the Principal Investigator: Dr Dillip K Muduly
 Funding agency: Funded (Intramural), 1 Lakh
 Duration-3 Yr, start year: May 2018
 IEC approval number: T/IM-F/18- 19/44
5. Title of the project: Factors influencing the choice of mastectomy over breast-conserving therapy in early breast cancer- A prospective longitudinal study
 Name of the Principal Investigator: Dr Dillip Kumar Muduly
 Duration 2 Yr, start year: Aug 2019
 IEC approval number: IEC/AIIMS BBSR/PG Thesis/2019-20/17
6. Title of the project: Clinico-pathological Profile and long-term outcomes of breast cancer patients-a prospective observational study from a tertiary care Centre in Eastern India.
 Name of the Principal Investigator: Dr Dillip Kumar Muduly

Duration 2 Yr, start year: Mar 2019
IEC approval number: T/IM-NF/Surg Onco/19/70

Collaborative projects:

Ongoing:

1. Outcomes of elective cancer surgery during the COVID-19 pandemic crisis: an international, multicenter, observational cohort study (CovidSurg-Cancer) .
Name of the Principal Investigator: Dr Madhabananda Kar
Funding Agency: NIHR Global Health Research Unit On Global Surgery, UK
Duration: 2 Yr, Start -Jun 2020 – Ongoing
IEC approval number: T/EMF/SurgOnc/20/15.
2. Title of the project: Preventing pulmonary complications in surgical patients at risks of COVID-19.
Name of the Principal Investigator: Dr Madhabananda Kar
Funding Agency: NIHR Global Health Research Unit On Global Surgery, UK.
Duration: 1 Yr, start -Jun 2020 – Ongoing
IEC approval number: T/EMF/SurgOnc/20/34
3. Title of the project: "Molecular Characterization of clinical samples of oral squamous cell carcinoma"
Name of the Principal Investigator: Dr Dillip Kumar Muduly
Funding agency: ILS, Bhubaneswar
Duration: 2 Yr Start year: Aug 2019
Funds: Rs.5 Lakhs
IEC approval number: T/EMF/Surg.Onco/19/03
4. Title of the project: "Virtual National Oral Cancer Institute (VNOCI), Understanding the disease biology and epigenetic diversity of oral cancer in India (Implications in new diagnosis and therapeutics)"
Name of the Principal Investigator: Dr Madhabananda Kar
Funding agency: Department of Biotechnology, Govt. of India
Duration: 5 Yr Start year: 2017
Funds: Rs.1.61 Cr
IEC approval number: T/EM-F/Surg.Onco/18/29

Departmental Projects:

1. Cytoreductive Surgery with or without Hyperthermic Intraperitoneal Chemotherapy in patients with peritoneal carcinomatosis: A prospective Observational Study
Principal Investigator: DrDillip Muduly
Starting year: 2Yr Dec 2020 – Ongoing
IEC approval number: T/IM-NF/Surg.Onco/20/168.
2. Title of the project: Clinicopathological profile and long-term outcome of patients with colorectal malignancies – an Ambispective observational study from tertiary cancer center in eastern India .
Principal Investigator: Dr Dillip Muduly
Starting year: 2 Yr Sep 2020 – Ongoing
IEC approval number: T/IM-NF/Surg.Onco/20/117.
3. Title of the project: Clinicopathological profile and long-term outcome of patients with Gynaecological malignancy patients – an Ambispective observational study from tertiary cancer center in eastern India.
Principal Investigator: Dr Dillip Muduly
Starting year: 2 Yr Sep 2020 – Ongoing
IEC approval number: T/IM-NF/Surg.Onco/20/108.
4. Title of the project: Clinicopathological profile and long-term outcome of breast cancer patients - a prospective observational study from tertiary cancer center in eastern India .
Principal Investigator: Dr Dillip Kumar Muduly
Starting year: 2 Yr Mar 2020 – Ongoing
IEC approval number: T/IM-NF/Surg.Onco/19/70.
5. Title of the project: Abdominal drainage versus No drainage in patients undergoing Radical Gastrectomy with D2 Lymphadenectomy.

Principal Investigator: Dr Dillip Kumar Muduly
 Starting year: 2 Yr May 2020 – Mar 2021
 IEC approval number: T/IM-NF/Surg.Onco/19/13.

6. Title of the project: Clinicopathological profile and long-term outcome of patients with adenocarcinoma of stomach – an Ambispective observational study from tertiary cancer center in eastern India.
 Principal Investigator: Dr Dillip Kumar Muduly
 Starting year: 2 Yr Jul 2020 – Ongoing
 IEC approval number: T/IM-NF/Surg.Onco/20/64.
7. Title of the project: Efficacy of Single versus Three Dose prophylactic Antibiotics on the Prevention of Surgical Site Infection in Breast Cancer Surgery – A Randomized Controlled Trial.
 Principal Investigator: Dr Dillip Kumar Muduly
 Starting date: 2 Yr Jun 2020 – Ongoing
 IEC approval number: T/IN-NF/Surg.Onco/20/08
8. Title of the project: Correlation between Body Muscle and fat Composition and Post-Operative Outcomes in Oncology Patients – A Prospective Study from a Tertiary care Center in Eastern India.
 Principal Investigator: Dr Dillip Kumar Muduly
 Starting year: 2 Yr Jul 2020 – Ongoing
 IEC approval number: T/IM-NF/Surg.Onco/20/107

Departmental Projects:

Completed

1. Title of the project: Correlation between tumor factor and pattern of Lymph nodal spread in Gastric Cancer.
 Principal Investigator: Dr Itisha Chaudhary
 Duration, start year: 2 years, 2019
 IEC Approval Number: IEC/AIIMS BBSR/PG Thesis/.2019-20/29
2. Title of the project: Factors influencing the choice of mastectomy over breast conserving therapy in early breast cancer-A prospective longitudinal study
 Principal Investigator: Dr Rebba Ephraim
 Duration, start year: 2 years, 2019
 IEC Approval Number: IEC/AIIMS BBSR/PG Thesis/2019-20/17

Ongoing

1. Title of the project: Clinicopathological profile and long-term outcome of Head and Neck Cancer patients – an Ambispective observational study.
 Principal Investigator : Dr Dipin K R
 Duration :, Starting year: 2 years, Jul 2020
 IEC approval number: T/IM-NF/Surg.Onco/19/87.
2. Title of the project: Evaluation of Nutritional Status and Post-operative complications in patients undergoing oral cancer surgery: A prospective longitudinal observational study.
 Principal Investigator: Dr Ansul Jain
 Duration, starting year: 2 years, Jul 2020
 IEC approval number: IEC/AIIMS/BBSR/PG Thesis/2020-21/01.
3. Title of the project: Evaluation of Nutritional Outcomes in Gastric Cancer Survivors after Curative Resection: A prospective longitudinal Study.
 Principal Investigator: Dr Lalchhandami Colney
 Duration, starting year: 2 years, Jun 2020.
 IEC approval number: IEC/AIIMS/BBSR/PG Thesis/2020-21/02
4. Title of the project: Comparison of Radiological with Surgical Peritoneal Carcinomatosis Index in patients with peritoneal carcinomatosis - A prospective longitudinal Study.
 Principal Investigator: DrAbhitesh Singh
 Duration, starting year: 2 years, Jul 2020
 IEC approval number: IEC/AIIMS/BBSR/PG Thesis/2020-21/03.

5. Title of the project: Clinicopathological profile and long-term outcome of patients with Gynaecological malignancy patients – an ambispective observational study from tertiary cancer center in eastern India
Principal Investigator: Dr Sachin Arun Amre
Duration, starting year: 2 years, Sep 2020.
IEC approval number: IEC/AIIMS/BBSR/PG Thesis/2020-21/07
6. Title of the project: Clinicopathological correlation of HER2 neu and PD-L1 markers expression in patients with gastrectomy for adenocarcinoma stomach.
Principal Investigator: Dr Pavan Kumar CG
Duration, starting year: 2 years, Feb 2021
IEC approval number: IEC/AIIMS/BBSR/PG Thesis/2020-21/77.
7. Title of the project: Effect of tumour handling on peritoneal cytology in abdominopelvic malignancies: A prospective observational study
Principal Investigator: Dr Priyansh Nitin Jain
Duration, starting year: 2 years, Dec 2020
IEC approval number: IEC/AIIMS/BBSR/PG Thesis/2020-21/74
8. Title of the project: Clinical outcomes of patients undergoing surgery for anterior mediastinal mass: An observation study
Principal Investigator: Dr Ajay Simha
Duration, starting year: 2 years Jan 2022
IEC approval number: IEC/AIIMS/BBSR/PG Thesis/2021-22/04
9. Title of the project: Role of perioperative tranexamic acid in reducing drains volume among breast cancer patients undergoing axillary lymph node dissection: A randomized controlled trial.
Principal Investigator: Dr Sravya Deepika
Duration, starting year: 2 years Jun 2021
IEC approval number: IEC/AIIMS/BBSR/PG Thesis/2021-22/03
10. Title of the project: Cosmetic outcome and quality of life after oncoplastic breast surgery: A prospective longitudinal study.
Principal Investigator: Dr Priyanka Saha
Duration, starting year: 2 years, Dec 2021
IEC approval number: IEC/AIIMS/BBSR/PG Thesis/2021-22/76
11. Title of the project: Relationship of spinal accessory nerve in anterior triangle during neck dissection-Prospective longitudinal study.
Principal Investigator: Dr Hemanth
Duration, starting year: 2 years, Jan 2022
IEC approval number: IEC/AIIMS/BBSR/PG Thesis/2021-22/75

TRANSFUSION MEDICINE

Funded Projects:

Ongoing:

1. Title of the project: Exploring potential role of MicroRNAs in stored Red Blood Cells and its association with leukoreduction in predicting quality of stored Red Blood Cell.
Name of the Principal Investigator- Dr Somnath Mukherjee
Funding agency: ICMR
Duration: 2 years; Start year: 2019, Funds: INR 18 lakhs
IEC approval number: T/EMF/Trans.Med/18/28
2. Title of the project: Differential expression of miRNA associated with fetal haemoglobin expression among cord blood exosomes and hereditary persistence of haemoglobin (HPFH)
Name of the Principal Investigator- Dr Satya Prakash
Funding agency: AIIMS, Bhubaneswar
Duration: 1 and half years, Start year: 2020, Funds: INR 5 lakh
IEC approval number: T/IM-F/20-21/11

3. Title of the project: Characterization of T follicular helper cell (Tfh) and T regulatory (Tregs) subsets of helper T cells and its association with the alloimmunization in Sickle cell disease.
Name of the Principal Investigator- Dr Somnath Mukherjee
Funding agency: AIIMS, Bhubaneswar
Duration: 1 year; Start year: 2022, Funds: INR 4.98 lakh
IEC approval number: T/IM-F/21-22/79
4. Title of the project: Quantitative estimation of anti- RBD SARS-CoV-2 antibodies in blood donors following vaccination against COVID - 19
Name of the Principal Investigator- Dr Ansuman Sahu
Funding agency: AIIMS, Bhubaneswar
Duration: 1 and half years, Start year: 2022, Funds: INR 4.5 lakh
IEC approval number: T/IM-F/21-22/31

Non-Funded

Ongoing:

1. Title of the project: A comparative evaluation of fibrinogen and factor VII levels in cryoprecipitate prepared from 350ml Vs 450ml whole blood collection.
Name of the Principal Investigator- Dr Somnath Mukherjee
Duration; 1.5 years, Start year: Jan -2021
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2020-21/11
2. Title of the project: To study the impact of higher body mass index of the donor and preservatives added in blood bag on the trends of hemolysis of stored red blood cells: a prospective observational study.
Name of the Principal Investigator- Dr Somnath Mukherjee
Duration; 1.5 years, Start year: Jun -2021
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2021-22/34
3. Title of the project: To study the impact of isotonic applied muscle tension in reducing the vasovagal event in first-time blood donors: A prospective observational study.
Name of the Principal Investigator- Dr Satya Prakash
Duration; 1.5 years, Start year: Jun -2021
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2021-22/70
4. Title of the project: Efficacy of therapeutic plasma exchange in severe COVID-19 disease: a meta-analysis
Name of the Principal Investigator- Dr Satya Prakash
Duration; 1 year, Start year: Sep-2021
IEC approval number: T/IM-NF/Trans.Med/21/69
5. Title of the project: Comparative evaluation of efficacy and safety of automated versus manual red cell exchange in Sickle cell Disease: A systematic review and meta-analysis.
Name of the Principal Investigator- Dr Somnath Mukherjee
Duration; 1.5 years, Start year: Apr -2021
IEC approval number: T/IM-NF/Trans.Med/20/220
6. Title of the project: Indication of transfusion of blood and blood components for pediatric and neonatal group of patients in India
Name of the Principal Investigator- Dr Somnath Mukherjee
Duration; 1.5 years, Start year: Mar-22
IEC approval number: T/EMF/Trans.Med/21/79

Completed:

1. Title of the project: Analysis of blood group discrepancy in healthy blood donors at a tertiary care referral hospital in the eastern region of India: A retrospective study
Name of the Principal Investigator: Dr Ansuman Sahu
Duration: 01 years, start year: 2020
IEC approval number: T/IM-NF/Trans.Med/20/109

2. Title of the project: The response of Covid 19 PCR positive health care worker for Convalescent Plasma donation
Name of the Principal Investigator: Dr Ansuman Sahu
Duration: 01 years, start year: Feb 2020
IEC approval number: T/IM-NF/Trans.Med/20/172
3. Title of the project: Impact of COVID-19 pandemic on blood donor deferral pattern in a tertiary care blood center
Name of the Principal Investigator: Dr Somnath Mukherjee
Duration: 1 year, start year: Jun -2021
IEC approval number: T/IM-NF/Trans. med/20/220

TRAUMA & EMERGENCY

Funded Projects:

1. Title of the project- Efficacy of ultrasound-guided selective peripheral nerve block compared to axillary brachial plexus, T/IM-F/21-22/06.
Name of Principal Investigator: Dr Chitta Ranjan Mohanty
Funding agency: AIIMS, Bhubaneswar.
Duration 1 yr 6 months, start year: 2022, Funds: INR 1,42,247
2. Title of the project- Effect of Negative Pressure Wound Therapy versus conventional saline dressing on wound healing rate in open fracture of the tibia: a prospective, randomized control trial.
Name of the Principal Investigator: Saroj Kumar Patra.
Funding agency: AIIMS, Bhubaneswar.
Duration 2 years, start year: 2020, Funds: INR 1,50,000
IEC approval number- T/IM-F/20-21/23
3. Title of project: Analgesic efficacy of Dexamethasone with Ropivacaine versus Ropivacaine in Ultrasound- guided PENG block in hip Surgeries: A double blind Randomized Placebo Controlled study.
Principal Investigator: Dr Sangeeta Sahoo
Funding Agency- Aiims Bhubaneswar
Duration: 1 yr 6 months, start year: 2022, Funds: INR 1 lakh.
IEC Approval Number: T/Im-F/21-22/24
4. Title of project: "Neutrophil Gelatinase – Associated Lipocalin (NGAL) as an Early Diagnostic Biomarker of Acute Kidney injury in Diabetic ketoacidosis Patients"
Principal Investigator- Dr Satyabrata Guru
Funds: INR 1,46,000
IEC approval number: T/IM-F/T&EM/20-21/13

Non Funded Projects:

1. Title of the project: Heart failure in emergency department registry.
Name of the principal investigator- Dr Upendra Hansda
Duration- 2 years, start year- 2020
IEC approval number: T/IM-NF/T&EM/19/40

UROLOGY

Non- Funded Projects:

Departmental

1. Title of the Project- Efficacy of Low Dose Intravenous Epinephrine Infusion in Improving Perioperative Outcomes in Patients Undergoing Transurethral Resection of Prostate – A Prospective Parallel Arm Double Blinded Randomized Control Trial
Name of the Principal Investigator - Dr Prasant Nayak
Duration: 2 years, Start year: 2021
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2021-22/28
2. Title of the Project - Supplementary Intravesical Sodium Butyrate to Intravesical Bacillus Calmette-Guérin in Non-Muscle Invasive Bladder Cancer: A Study on the Tumor Immune-microenvironment and A Meta-transcriptomic and Microbiome analysis
Name of the Principal Investigator - Dr Prasant Nayak
Duration: 2 years, Start year: 2021
IEC approval number: IEC/AIIMS BBSR/T /IM-NF/Urology/21/66
3. Title of the Project - Comparing the outcomes and complications of conventional laparoscopic versus intraoperative ultrasound guided laparoscopic nephrectomy: A Randomized controlled trial
Name of the Principal Investigator - Dr Prasant Nayak
Funding agency- ICMR STS Project 2020 Funds- INR 20,000
Duration: 2 years Start year: 2021
IEC approval number: IEC/AIIMS BBSR/. T/IM-NF/Urology/21/61
4. Title of the Project - A Study on the Socio-economic Factors Influencing the Treatment and Survival Outcomes in Patients with Bladder Cancer in Eastern India
Name of the Principal Investigator - Dr Prasant Nayak
Duration: 18 months Start year: 2021
IEC approval number: IEC/AIIMS BBSR/ T/IM-NF/Urology/21/91
5. Title of the Project -The perception and factors affecting adherence to Intravesical BCG therapy in Carcinoma Bladder patients in a tertiary care across Eastern India-A Qualitative study
Name of the Principal Investigator - Dr Prasant Nayak
Duration: 18 months Start year: 2022
IEC approval number: IEC/AIIMS BBSR/ T/IM-NF/Urology/22/02
6. Title of the Project - Pfannenstiel incision vs iliac fossa incision for retrieval of resected specimen after lap Nephrectomy: A prospective randomised parallel arm study
Name of the Principal Investigator - Dr Swarnendu Mandal
Duration: 2 years Start year: 2021
IEC approval number: IEC/AIIMS BBSR/PG Thesis 2021-22/77
7. Title of the Project - Minced buccal mucosal graft Endourethral Urethroplasty; A pilot prospective observational study
Name of the Principal Investigator - Dr Swarnendu Mandal
Duration: 3 years Start year: 2021
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2021-22/27
8. Title of the Project - Comparison of Clinicopathological Outcomes in Holmium Laser en-bloc Resection of Bladder Tumor Vs Bipolar Transurethral Resection of Bladder Tumor- A Prospective Non-Randomized Observational Trial
Name of the Principal Investigator - Dr Swarnendu Mandal
Duration: 2 years Start year: 2021
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2022-23/40
9. Title of the Project - Dorsal Onlay BMGU Versus Ventral Inlay BMGU In Female Urethral Stricture- A Randomized Controlled Trial.
Name of the Principal Investigator - Dr Swarnendu Mandal
Duration: 2 years Start year: 2021
IEC approval number: T/IM-NF/Urology/21/92 CTRI Registration Number: CTRI/2021/09/036502.

10. Title of the Project - Role of Abiraterone plus Prednisolone with Androgen Deprivation Therapy (ADT) versus ADT alone in Hormone Sensitive Metastatic Carcinoma Prostate In Indian Men; A RCT
Name of the Principal Investigator - Dr Swarnendu Mandal
Duration: 2 years Start year: 2021
IEC approval number: : T/IM-NF/Urology/19/66 Feb 10,2020, CTIRI Registration Number: CTIRI/2020/07/026545
11. Title of the Project - Comparing efficacy of Alfuzosin and Amitriptyline versus Yoga and Placebo in Males with Chronic Pelvic Pain Syndrome: A Single-Center Randomized Crossover Trial
Name of the Principal Investigator - Dr Swarnendu Mandal
Duration: 2 years Start year: 2022
IEC approval number: IEC/AIIMS BBSR/ T/IM-NF/Urology/21/92
12. Title of the Project - Evaluation of Multi-parametric Magnetic Resonance Imaging in Identifying Muscle Invasion in Patients Undergoing Restage Transurethral Resection of bladder: A Cross-Sectional Study
Name of the Principal Investigator - Dr Swarnendu Mandal
Duration: 18 months Start year: 2021
IEC approval number: IEC/AIIMS BBSR/ IM-NF/Urology/21/89
13. Title of the Project - Comparing efficacy of Alfuzosin and Amitriptyline versus Yoga and Placebo in Males with Chronic Pelvic pain syndrome; A single center randomised cross over trial
Name of the Principal Investigator - Dr Swarnendu Mandal
Duration: 1 year Start year: 2022
IEC approval number: IEC/AIIMS BBSR/ /IM-NF/Urology/21/92
14. Title of the Project - Comparison between Laparoscopic intravesical technique and Laparoscopic extravesical technique of supra-trigonal Vesicovaginal fistula repair: A Prospective Randomized Control Study
Name of the Principal Investigator - Dr Manoj Ku Das
Duration: 2 years Start year: 2022
IEC approval number: IEC/AIIMS BBSR/ T/IM-NF/Urology/20/214.
15. Title of the Project - Role of Oral Sodium Bicarbonate in the reduction of intravesical BCG induced lower urinary tract symptoms in bladder cancer: A prospective randomized controlled trial.
Name of the Principal Investigator - Dr Manoj Ku Das
Duration: 18 months Start year: 2021
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2020-21/33
16. Title of the Project -Efficacy of Low Dose Intravenous Epinephrine Infusion in Improving Perioperative Outcomes in Patients Undergoing Transurethral Resection of Prostate: A prospective parallel arm double blinded randomized trial
Name of the Principal Investigator - Dr Manoj Ku Das
Duration: 24 months Start year: 2022
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2021-22/28
17. Title of the Project - Comparing the outcomes and complications of conventional laparoscopic versus intra-operative ultrasound guided laparoscopic nephrectomy
Name of the Principal Investigator - Dr Manoj Ku Das
Duration: 2 years Start year: 2022
IEC approval number: IEC/AIIMS BBSR T/IM-NF/Urology/21/61

Extramural (Non-funded)

1. Title of the Project- A Quantitative Estimation of Heavy Metals and Trace Elements levels in the Cancerous Tissue and their Association with the Histopathological Characters in Urinary Bladder Cancer Patients
Name of the Principal Investigator - Dr Prasant Nayak
Duration: 2 years Start year: 2021
IEC approval number: IEC/AIIMS BBSR/ T/EMF/Urology/22/06
2. Title of the Project - Chemo dissolution of renal calculi: A Vitro demonstration of efficacy of a novel universal solvent
Name of the Principal Investigator - Dr Manoj Ku Das
Duration: 1 year Start year: 2022
IEC approval number: IEC/AIIMS BBSR T/EMF/Urology/21/69

PUBLICATIONS

PUBMED INDEXED

1. Haldar A, Rajan Gaikwad M, Patra A, Bhattacharya SC. Cytological, histochemical, and ultrastructural study of human foetal liver of various gestation with future implications in segmental resection: an anatomical perspective. *Anat Cell Biol.* 2022 Mar 31; 55(1):92-99. PMID: 34759067; PMCID: PMC8968233.
2. Banik S, Mohakud S, Sahoo S, Tripathy PR, Sidhu S, Gaikwad MR. Comparative Morphometry of the Sacrum and Its Clinical Implications: A Retrospective Study of Osteometry in Dry Bones and CT Scan Images in Patients Presenting With Lumbosacral Pathologies. *Cureus.* 2022 Feb 16; 14(2):e22306. PMID: 35350522; PMCID: PMC8933651
3. Haldar A, Gaikwad M, Patra A, Chakraborty S. Cytological, Histochemical, and Ultrastructural Study of the Human Fetal Spleen of Various Gestational Age With Future Implications in Splenic Transplantation: An Anatomical Perspective. *Cureus.* 2021 Oct 19; 13(10):e18911. PMID: 34820226; PMCID: PMC8602882.
4. Kar A, Gaikwad M, Patnaik M. A Rare Occurrence of Multiple Intracranial Osteomas in the Cranial Cavity of a Cadaver with a Short Review on Subdural Osteoma. *Cureus.* 2021 Sep 5; 13(9). PMID: 34659951; PMCID: PMC8491958.
5. Jain M, Doki SK, Gaikwad M, Khutia S. Acute Migration Following Dissociation of Components of Cervical Disc Arthroplasty. *Neurol India.* 2021 Jul-Aug; 69(4):1037-1039. PMID: 34507439.
6. Jain M, Sahu RN, Gaikwad MR, Panda S, Tirpude A, Bag ND. Validation of Freehand Cervical Pedicle Screw Placement in Subaxial Spine Using the "Burcev Technique": A Cadaveric Study. *J Neurosci Rural Pract.* 2021 Jul; 12(3):555-559. PMID: 34295111; PMCID: PMC8289562.
7. Banik S, Sahoo S, Gaikwad MR, Purkait S, Patnaik M. Schwannoma in an accessory branch of the posterior cord of the brachial plexus: a rare case report. *Folia Morphol (Warsz).* 2022; 81(3):777-780. Epub 2021 Jun 1. PMID: 34060641
8. Sahoo S, Banik S. Unilateral Sternalis with Double Slips: An Astounding Muscle, Often Unnoticed and Unknown. *Cureus.* 2021 Mar 30; 13(3). PMID: 33936896; PMCID: PMC8082955.
9. Mahapatra R, Mahanta D, Singh J, Acharya D, Barik R. Device closure of fistula from left lower pulmonary artery to left atrium using a vascular plug: A case report. *World journal of cardiology.* 2021 Apr 26;13(4):111. PMID: 33968310
10. Misra S, Behera BK, Preetam C, Mohanty S, Mahapatra RP, Tapuria P, Elayat A, Nayak A, Kotkar K, McNeil JS, Blank RS. Peripheral Cardiopulmonary Bypass in Two Patients With Symptomatic Tracheal Masses: Perioperative Challenges. *Journal of cardiothoracic and vascular anesthesia.* 2021 May 1;35(5):1524-33. PMID: 33339662
11. Misra S, Tapuria P, Sathia S, Mahapatra RP. A mass in the left ventricular outflow tract after mitral valve replacement. *Journal of Cardiothoracic and Vascular Anesthesia.* 2021 May 23. PMID: 34130899
12. Misra S, Mohanty S, Sathia S, Mahapatra RP, Tapuria P. Diagnosis of absent right superior vena cava with intraoperative transesophageal echocardiography in a child with Holt-Oram syndrome: Anesthetic and perfusion implications. *Annals of Cardiac Anaesthesia.* 2021 Jul;24(3):358. PMID: 34269268
13. Singh J, Mahanta D, Mahapatra RP, Barik R. Tunneling a calcified total occlusion. *Asian Cardiovascular and Thoracic Annals.* 2021 Sep 8;02184923211041078. PMID: 34495774
14. Mohanty CR, Radhakrishnan RV, Stephen S, Jain M, Shetty AP, Issac A, Shaji IM, Chakola S. Epidemiology of mass casualty incidents in a tertiary care trauma center in eastern India: A retrospective observational study. *Turk J Emerg Med.* 2022 Apr 11;22(2):96-103. PMID: 35529031
15. Pereira S, Mathias T, Shivakumara J, Jacob J. Prevalence of Somatic Symptoms and Quality of Life Among Married Women Having a Distant Relationship with Their Spouses in Mangalore, India. *Cureus.* 2022 Jan 13;14(1). PMID: 35165633
16. Panigrahi S, Mahapatra S, Shetty AP, Baby RS, Singh AK. The burden & contributing factors of psychological distress across India during the COVID pandemic. *Archives of Psychiatric Nursing.* 2021 Dec;35(6):678-84. PMID: 34861964
17. Radhakrishnan RV, Mohanty CR, Singh N, Chakola S. The balancing act of hospital medical oxygen demand and supply: The need of the hour in the COVID-19 pandemic. *Saudi J Anaesth.* 2021 Oct-Dec;15(4):465-467. PMID: 34658745
18. Swain D, Nanda P, Das H. Impact of yoga intervention on menopausal symptoms specific quality of life and changes in hormonal level among menopausal women. *Journal of Obstetrics and Gynaecology Research.* 2021 Oct; 47(10):3669-76. PMID: 34254406

19. Issac A, Krishnan N, VR Vijay, VR R, Jacob J, Stephen S. Postpartum depression amidst COVID-19 pandemic: What further could be done?. *Asian J Psychiatr*; 2021 Sep;63:102759. PMID: 34273760
20. Swain D, Begum J, Parida SP. Effect of Preconception Care Intervention on Maternal Nutritional Status and Birth Outcome in a Low-Resource Setting: Proposal for a Nonrandomized Controlled Trial. *JMIR Research Protocols*. 2021 Aug 16;10(8):28148. PMID: 34398798
- Katariya D, Swain D, Singh S, Satapathy A. The Effect of Different Timings of Delayed Cord Clamping of Term Infants on Maternal and Newborn Outcomes in Normal Vaginal Deliveries. *Cureus*. 2021 Aug;14;13(8):e17169. PMID: 34532192
21. Stephen S, Issac A, Radhakrishnan RV, Jacob J, Vijay VR, Jose S, et al. Scrutiny of COVID-19 response strategies among severely affected European nations. *Osong Public Health Res Perspect*. 2021 Aug;12(4):203–14. PMID: 34465070
22. Radhakrishnan RV, Jain M, Mohanty CR, Jacob J, Shetty AP, Stephen S, Vijay VR, Issac A. The perceived social stigma, self-esteem, and its determinants among the health care professionals working in India during COVID 19 pandemic. *Medical Journal Armed Forces India*. 2021 Jul 77(Supplement 2): S450-S458. PMID: 34393330
23. Issac A, Vijay V, Krishnan N, Jacob J, Stephen S, Radhakrishnan RV, Dhandapani M. How the nations should gear up for future pandemics? *J Glob Health. International Society for Global Health*; 2021 May 15;11:03075. PMID: 34055325
24. Jacob J, V. R. V, Issac A, Stephen S, Dhandapani M, Krishnan N, V. R. R, Jose S, Nair A, S. M. A. Somatoform Symptoms among Frontline Health-Care Providers during the COVID-19 Pandemic. *Indian J Psychol Med*. 2021 May;43(3):272–274. PMID: 34345108
25. Jacob J, Stephen S, Issac A. Determinants of Willingness for COVID-19 Vaccine: Implications for Enhancing the Proportion of Vaccination Among Indians. *Cureus*. 2021 May; 13(5): e15271. PMID: 34194875
26. Issac A, Radhakrishnan RV, Vijay VR, Stephen S, Krishnan N, Jacob J, Jose S, Azhar SM, Nair AS. An examination of Thailand's health care system and strategies during the management of the COVID-19 pandemic. *J Glob Health* 2021;11: 03002. PMID: 33643614
27. Azhar SM, Nair AS, Devi S, Jacob J, Jose S. Trends in pattern of communicable diseases during COVID-19 lockdown in Kerala. *J Family Med Prim Care* 2021; 10:2720-1. PMID: 34568164.
28. Panigrahi, MK, Patra S, Kumar C; Nayak HK, Ayyanar P, Bhat SJ, Chouhan, Imran MI, Samal SC. Natural Killer Cell Enteropathy With Extraintestinal Involvement: Presenting as Symptomatic Anemia, *ACG Case Reports Journal*: May 2021 - Volume 8 - Issue 5 - p e00599. PMID: 34549068.
29. Nayak HK, Kumari N, Mohindra S. Unusual cause of dysphagia. *BMJ Case Rep*. 2021 Jul 26;14(7):e244694. PMID: 34312143.
30. Mahapatra A, Nayak HK, Mishra G, Kumar C, Panigrahi MK, Behera B, Samal SC. Melioidosis in pancreatic pseudocyst: Atypical infection at atypical site. *Pancreatolgy*. 2021 Aug;21(5):1014-1016. PMID: 34301490.
31. Nayak HK, Pattnaik B, Mohakud S, Mitra JK, Krishna EV, Sethi S, Samal SC. Rescue devascularization in COVID-19 induced early shunt thrombosis after emergency proximal spleno-renal shunt for extrahepatic portal vein obstruction. *J Clin Exp Hepatol*. 2021 Jun 30. doi: 10.1016/j.jceh.2021.06.020. PMID: 34226804.
32. Pattnaik B, Mahakud S, Behera BK, Krishna EV, Dutta T, Nayak HK, Samal SC. Laparoscopic management of hemosuccus pancreaticus from the left gastric artery pseudoaneurysm secondary to traumatic pancreatitis and open splenectomy. *ANZ J Surg*. 2021 Sep 22. PMID: 34550629.
33. Ayyanar P, Nayak HK, Samal SC, Kar M, Mishra P, Patra S. Recurrent plexiform angiomyxoid myofibroblastic tumour (PAMT) of the stomach with aggressive behaviour. *Pathology*. 2022 Aug;54(5):650-654. doi: 10.1016/j.pathol.2021.09.010. Epub 2021 Dec 2. PMID: 34865869.
34. Panigrahi C, Nayak HK, Patra S, Mitra S. Hepatic Follicular Dendritic Cell Sarcoma with Epithelioid Morphology: Histopathologist's Perspective. *J Clin Exp Hepatol*. 2022 Mar-Apr;12(2):677-685. doi: 10.1016/j.jceh.2021.06.014. Epub 2021 Jun 19. PMID: 35535111.
35. Nayak HK, Pattnaik B, Patra S, Panigrahi C, Kumar C, Dutta T, Panigrahi MK, Chandra Samal S. Pancreatic Castleman's disease: Ring of fire sign and endoscopic ultrasonography guided fine-needle biopsy helps preoperative diagnosis. *Pancreatolgy*. 2022 Apr;22(3):443-445. PMID: 35307292.
36. Dutta T, Pattnaik B, Nayak HK, Mahakud S, Tripathy T, Panigrahi C, Patra S. Retropancreatic ancient schwannoma: a great mimicker of malignant cystic neoplasm. *ANZ J Surg*. 2022 Feb 2. doi: 10.1111/ans.17526. PMID: 35107875.
37. Panigrahi MK, Nayak HK, Samal SC. A recent surge of doxycycline-induced pill esophagitis during the corona virus disease 2019 (COVID-19) pandemic. *Indian J Gastroenterol*. 2022 Apr;41(2):206-207. PMID: 34994946

38. Sirka CS, Rout AN, Patra S, Nayak HK. Strongyloides Hyperinfection Syndrome in Dermatology in-Patients: A Case Series. *Indian Dermatol Online J.* 2022 Jan 24;13(1):94-97. PMID: 35198475.
39. Panigrahi MK, Kaliaperumal V, Akella A, Venugopal G, Ramadass B. Mapping microbiome-redox spectrum and evaluating Microbial-Redox Index in chronic gastritis. *Sci Rep.* 2022 May 19;12(1):8450. PMID: 35589904.
40. Panigrahi MK, Anirvan P. Letter to the editor: Using angiotensin-converting enzyme inhibitors to prevent liver-related events in NAFLD-Revisiting the renin-angiotensin-aldosterone system pathways. *Hepatology.* 2022 Feb 26. Epub ahead of print. PMID: 35218232.
41. Hallur V, Panigrahi M, Sable M, Ghosh M, Mohanty S, Purkait S, Praharaj A. Low clarithromycin resistance in virulent *Helicobacter pylori* from dyspeptic patients at a tertiary care centre in Odisha. *Indian J Med Microbiol.* 2022 Apr-Jun;40(2):211-216. Mar 26. PMID: 35346525.
42. Anand P, Thukral A, Deorari AK, National Neonatology Forum Network. Dissemination of Best Practices in Preterm Care Through a Novel Mobile Phone-Based Interactive e-Learning Platform. *Indian J Pediatr* 2021;88:1068–74. PMID: 33682022
43. Jat KR, Sankar J, Das RR, Ratageri VH, Choudhary B, Bhat JI, et al. Clinical Profile and Risk Factors for Severe Disease in 402 Children Hospitalized with SARS-CoV-2 from India: Collaborative Indian Pediatric COVID Study Group. *J Trop Pediatr* 2021;67:fma048. PMID: 34152424
44. Mohanty PK, Zakiulla M, Som TK, Tripathy BB, Mohanty MK. Intestinal Failure in a Neonate: A Surgical Emergency and Medical Catastrophe. *Cureus* 2021;13:e16890. PMID: 34513464
45. More K, Chawla D, Murki S, Tandur B, Deorari AK, Kumar P, et al. Outcomes of Neonates Born to Mothers With Coronavirus Disease 2019 (COVID-19) - National Neonatology Forum (NNF) India COVID-19 Registry. *Indian Pediatr* 2021;58:525–31. PMID: 33742609
46. Bellos I, Devi U, Pandita A. Therapeutic Hypothermia for Neonatal Encephalopathy in Low- and Middle-Income Countries: A Meta-Analysis. *Neonatology* 2022;119:300–10. PMID: 35340015
47. Mishra P, Aradhya AS, Sahoo T. Position statement on surfactant administration in neonates from Canadian pediatric society: Highlights. *Lung India* 2022;39:88–9. PMID: 34975063
48. Mishra P, Sahoo T, Mohanty PK, Som TK, Tripathy BB, Singh S. Meconium Peritonitis Presenting with Nonimmune Hydrops and Mirror Syndrome. *J Indian Assoc Pediatr Surg* 2022;27:362–4. PMID: 35733583
49. Zakiulla M, Mishra P, Sahoo T. Safety and efficacy of antenatal glucocorticoids in women at risk of preterm birth in low resource settings. *J Perinatol* 2022;42:149–52. PMID: 34663903
50. Datta D, Khan A, Bansal S, Sahu RN, Purkait S. Mature cystic teratoma of the 3rd ventricle with Holmes tremor. *Childs Nerv Syst.* 2022; 38:861-863. PMID: 35293610
51. Chandran V, Bansal S, Sahu RN. Penetrating Head Injury to Intact Skull with a Ball Point Pen: A rare case. *Neurol India.* 2022; 70:466. PMID: 35263955
52. Datta D, Bansal S, Sahu RN. Spontaneous Intrathoracic Migration of Ventriculoperitoneal Shunt: A report. *Neurol India.* 2022; 70:464-465. PMID: 35263954
53. Chandran V, Sekar A, Mishra N. Transoral fractureless penetrating injury to brainstem in a child: a rare presentation. *Childs Nerv Syst.* 2022;38:505-507. PMID: 35091807
54. Das SK, Sekar A, Jaidev S, Patnaik A, Sahu RN. Contiguous-Level Unilateral Cervical Spine Facet Dislocation-A Report of a Less Discussed Subtype. *J Neurosci Rural Pract.* 2022;13:155-158. PMID: 35110939
55. COVIDSurg Collaborative; GlobalSurg Collaborative. SARS-CoV-2 infection and venous thromboembolism after surgery: an international prospective cohort study. *Anaesthesia.* 2022;77:28-39. PMID: 34428858
56. Elayat A, Jena SS, Nayak S, Sahu RN, Tripathy S. Enhanced recovery after surgery - ERAS in elective craniotomies-a non-randomized controlled trial. *BMC Neurol.* 2021; 21:127. PMID: 33740911
57. Jain M, Sahu RN, Gaikwad MR, Panda S, Tirpude A, Bag ND. Validation of Freehand Cervical Pedicle Screw Placement in Subaxial Spine Using the "Burcev Technique": A Cadaveric Study. *J Neurosci Rural Pract.* 2021; 12:555-559. PMID: 34295111
58. Satapathy A, Bansal S, Sahu RN. Mirror Image Dumbell C2 Schwannoma with Subcutaneous Extension with Out Neuro Fibromatosis in A Young Child: A Rare Entity. *Neurol India.* 2021; 69:1076-1077. PMID: 34507455
59. Gopi G, Sarkar S, Mohakud S, Patnaik A, Bansal S, Preetam C, Sahu RN, Pradipta PK. Study on Closure of Skull Base

- Defect Post-Endoscopic Endonasal Transsphenoid Pituitary Surgery: A Novel Flap Design. *J Neurol Surg B Skull Base*. 2021; 82:313-320. PMID: 34026407
60. Rao PB, Jain M, Barman A, Bansal S, Sahu RN, Singh N. Fremantle back awareness questionnaire in chronic low back pain (Frebaq-I): Translation and validation in the Indian Population. *Asian J Neurosurg*. 2021; 16: 113-118. PMID: 34211877.
 61. COVIDSurg Collaborative; GlobalSurg Collaborative. Effects of pre-operative isolation on postoperative pulmonary complications after elective surgery: an international prospective cohort study. *Anaesthesia*. 2021;76:1454-1464. PMID: 34371522.
 62. Jain M, Mohnaty CR, Sahoo J, Radhakrishnan RV, Biswas M. A bibliometric analysis of the spine journals. *J Clin Orthop Trauma*. 2021 Feb 17;16:219-225. doi: 10.1016/j.jcot.2021.02.005. PMID: 33717958.
 63. Mohanty CR, Bellapukonda S, Mund M, Behera BK, Sahoo SS. Analysis of publication speed of anesthesiology journals: a cross-sectional study. *Braz J Anesthesiol*. 2021 Mar-Apr;71(2):110-115. doi: 10.1016/j.bjane.2021.02.025. Epub 2021 Feb 19. PMID: 33731261.
 64. Mohanty CR, Radhakrishnan RV, Jain M, Sasmal PK, Hansda U, Vuppala SK, Doki SK. A Study of the Pattern of Injuries Sustained from Road Traffic Accidents Caused by Impact with Stray Animals. *J Emerg Trauma Shock*. 2021 Jan-Mar;14(1):23-27. doi: 10.4103/JETS.JETS_29_20. Epub 2021 Mar 23. PMID: 33911432.
 65. Sahu SK, Radhakrishnan RV, Mohanty CR, Behera BK, Patro BP. In reply to the article "A simple solution to fogging inside goggles used as a part of personal protective equipment". *J Anaesthesiol Clin Pharmacol*. 2021 Jan-Mar;37(1):129-130. doi: 10.4103/joacp.JOACP_627_20. Epub 2021 Apr 10. PMID: 34103839.
 66. Behera BK, Radhakrishnan RV, Mohanty CR, Bellapukonda S. COVID-19 pandemic and its impact on peer review speed of anesthesiology journals: An observational study. *J Anaesthesiol Clin Pharmacol*. 2021 Jan-Mar;37(1):57-62. doi: 10.4103/joacp.JOACP_652_20. Epub 2021 Apr 10. PMID: 34103824.
 67. Jain M, Mohanty CR, Doki SK, Radhakrishnan RV, Khutia S, Patra SK, Biswas M. Traumatic spine injuries in Eastern India: A retrospective observational study. *Int J Crit Illn Inj Sci*. 2021 Apr-Jun;11(2):79-85. doi: 10.4103/IJCIIS.IJCIIS_95_20. Epub 2021 Jun 29. PMID: 34395209.
 68. Radhakrishnan RV, Jain M, Mohanty CR, Jacob J, Shetty AP, Stephen S, Vijay VR, Issac A. The perceived social stigma, self-esteem, and its determinants among the health care professionals working in India during COVID 19 pandemic. *Med J Armed Forces India*. 2021 Jul;77(Suppl 2):S450-S458. doi: 10.1016/j.mjafi.2021.01.017. Epub 2021 Jul 26. PMID: 34393330.
 69. Radhakrishnan RV, Mohanty CR, Singh N, Chakola S. The balancing act of hospital medical oxygen demand and supply: The need of the hour in the COVID-19 pandemic. *Saudi J Anaesth*. 2021 Oct-Dec;15(4):465-467. doi: 10.4103/sja.sja_404_21. Epub 2021 Sep 2. PMID: 34658745.
 70. Singh PK, Ali SM, Radhakrishnan RV, Mohanty CR, Sahu MR, Patro BP, Ms I, Panda SK. Pattern of injuries due to wild animal attack among patients presenting to the emergency department: A retrospective observational study. *Chin J Traumatol*. 2021 Nov;24(6):383-388. doi: 10.1016/j.cjtee.2021.09.004. Epub 2021 Sep 20. PMID: 34654596.
 71. Sahoo S, Singh N, Mohanty CR, Hansda U, Sahoo J, Sahu A. Macintosh laryngoscope versus AMBU King Vision video laryngoscope for endotracheal intubation using a COVID-19 barrier box: A randomized controlled trial. *Int J Crit Illn Inj Sci*. 2021 Jul-Sep;11(3):151-155. doi: 10.4103/ijciis.ijciis_34_21. Epub 2021 Sep 25. PMID: 34760661.
 72. Ahmad SR, Mohanty CR, Bellapukonda S, Patro BP. Spuriously low end tidal carbon dioxide in capnometry: Nafion tube malfunction in end tidal carbon dioxide module blamed for near mishap! *Med Gas Res*. 2022 Jul-Sep;12(3):113-114. doi: 10.4103/2045-9912.330695. PMID: 34854422.
 73. Guru S, Behera A, Barik S, Hansdah U, Mohanty CR, Sahoo S. Severe Oleander Poisoning Presenting with Hyperkalaemia and Unusual Electrocardiographic Changes. *Eur J Case Rep Intern Med*. 2021 Dec 14;8(12):003044. doi: 10.12890/2021_003044. PMID: 35059340.
 74. Sahu MR, Mohanty MK, Sasmal PK, Radhakrishnan RV, Mohanty CR, Shaji IM, Naveen A, Parida M. Epidemiology and patterns of road traffic fatalities in India pre- and post-motor vehicle (Amendment) act 2019: An autopsy-based study. *Int J Crit Illn Inj Sci*. 2021 Oct-Dec;11(4):198-203. doi: 10.4103/ijciis.ijciis_51_21. Epub 2021 Dec 18. PMID: 35070908.
 75. Mohanty CR, Singh N, Das S, Radhakrishnan RV. Re: Ultrasound-guided interscalene block versus intravenous analgesia and sedation for reduction of first anterior shoulder dislocation. *Am J Emerg Med*. 2022 Aug;58:347-348. doi: 10.1016/j.ajem.2022.04.015. Epub 2022 Apr 14. PMID: 35459561.

76. Das S, Mohanty CR, Singh N, Radhakrishnan RV. Re: "Ultrasound-Guided Subgluteal Sciatic Nerve Block for Pain Management during Endovascular Treatment for Below-the-Knee Arterial Occlusions". *J Vasc Interv Radiol*. 2022 Aug;33(8):1001. doi: 10.1016/j.jvir.2022.04.020. Epub 2022 Apr 29. PMID: 35490933.
77. Mohanty CR, Singh N, Radhakrishnan RV, Shaji IM, Ahmad SR. Ultrasound-guided selective lateral cutaneous nerve of forearm block: A novel technique of pain management during radial artery cannulation. *J Clin Anesth*. 2022 May;77:110635. doi: 10.1016/j.jclinane.2021.110635. Epub 2021 Dec 29. PMID: 34973569.
78. Guru S, Singh N, Sahoo S, Hansda U, Mohanty C. Comparison of endotracheal intubation with Macintosh versus King Vision video laryngoscope using coronavirus disease 2019 barrier box on manikins: A randomized crossover study. *Turk J Emerg Med*. 2022 Jul 1;22(3):149-155. doi: 10.4103/2452-2473.348436. PMID: 35936952.
79. Mohanty CR, Singh N, Radhakrishnan RV, Das S. Re: Ethyl chloride spray, a local anesthetic in arterial blood gas sampling: A randomized, controlled, double-blinded study. *Am J Emerg Med*. 2022 Jul 21:S0735-6757(22)00465-X. doi: 10.1016/j.ajem.2022.07.028. Epub ahead of print. PMID: 35914999.
80. Hansda U, Tripathy S, Sahoo AK, Panda I, Shetty AP, Mitra JK, et al. Home Care of Tracheostomized Chronically Critically Ill Patients: A Study of Caregivers' Burden and Comparison with the Burden of Palliative Care Patients in India. *Indian J Crit Care Med* 2022;26(5):577-581. PMID: 35719438.
81. Hansda U, Tripathy S, Paniyadi NK, Varghese JJ. Endotracheal tube as a conduit for difficult gastric feeding tube insertion in a tracheostomized patient. *J Family Med Prim Care* 2021;10:3167-8. PMID: 34660467.
82. Sahoo S, Singh N, Mohanty CR, Hansda U, Sahoo J, Sahu A. Macintosh laryngoscope versus AMBU King Vision video laryngoscope for endotracheal intubation using a COVID-19 barrier box: A randomized controlled trial. *Int J Crit Illn Inj Sci* 2021; 11:151-5. PMID: 34760661
83. Dasukil S, Verma S, Boyina KK, Jena AK. Unpredicted bilateral device breakage during active phase of mandibular distraction: A case report and literature review. *J Stomatol Oral Maxillofac Surg*. 2021 Jun;122(3):319-324. doi: 10.1016/j.jormas.2020.08.011. Epub 2020 Sep 7. PMID: 32911101.
84. Dasukil S, Boyina KK, Sarkar S, Hallur V, Nayak A, Mishra AK, Aswathi KV, Preetam C, Parida PK. Management of Covid Associated Mucormycosis of Mandible: A Mountain Beneath a Molehill-A Lesson Learnt. *Indian J Otolaryngol Head Neck Surg*. 2021 Oct 15:1-4. doi: 10.1007/s12070-021-02925-x. Epub ahead of print. PMID: 34667749.
85. Dash C, Dasukil S, Boyina KK, Panda R, Ahmad SR. A novel prefabricated patient-specific titanium cranioplasty: reconsideration from a traditional approach. *Oral Maxillofac Surg*. (1)doi: 10.1007/s10006-021-00977-5. Epub 2021 Jun 22. PMID: 34159502.
86. Dasukil S, Boyina KK, Nayak B, Chakraborty K, C S L, Panda R. Surgical Correction of Craniofacial Fibrous Dysplasia Involving Orbits: A Unique Application of Patient-Specific Implants. *J Craniofac Surg*. 2022 Jan-Feb 01;33(1):226-229. doi: 10.1097/SCS.00000000000007944. PMID: 34260452.
87. Panda R, Rout SK, Kanungo A. "Extensive papulonodular xanthoma: A diagnostic clue to homozygous familial hyperlipidaemia" *BMJ Case Reports CP* 2022;15:e245418.
88. Patra SK, Swaroop S, Patro B.P., Panda S, Panda R. Talar Body Fracture with Closed Pan-Talar Dislocation. *Cureus*. 2021 May 31;13(5):e15349. doi: 10.7759/cureus.15349. PMID: 34235026.
89. Dutta D, Nandan M, Dash C. Intra Cranial Hemorrhage as a Sequela of Snakebite: A Stroke Mimicker. *Neurol India*. 2021 Nov-Dec;69(6):1886-1887. doi: 10.4103/0028-3886.333453. PMID: 34979724
90. Ravikumar N, Sankar J, Das RR. Functional Outcomes in Survivors of Pediatric Sepsis: A Scoping Review and Discussion of Implications for Low- and Middle-Income Countries. *Front Pediatr*. 2022;10:762179. PMID: 35345613.
91. Nayak S, Panda PC, Biswal B, Agarwalla SK, Satapathy AK, Jena PK, Gulla KM, Rath D, Mahapatra A, Mishra P, Priyadarshini D, Mahapatro S, Nayak S, Das RR; EICOMISC Study Group. Eastern India Collaboration on Multisystem Inflammatory Syndrome in Children (EICOMISC): A Multicenter Observational Study of 134 Cases. *Front Pediatr*. 2022;10:834039. PMID: 35377583.
92. Bhatt GC, Das RR, Satapathy A. Early versus Late Initiation of Renal Replacement Therapy: Have We Reached the Consensus? An Updated Meta-Analysis. *Nephron*. 2021;145(4):371-385. PMID: 33915551.
93. Das RR, Sankar MJ, Agarwal R. Bed sharing versus no bed sharing for healthy term neonates. *Cochrane Database Syst Rev*. 2021 Apr 8;4(4):CD012866. PMID: 33831222.
94. Valecha N, Goyal VK, Mishra DN, Das RR, Jauhri N, Bhardwaj AC, Khurana O, Choudhury R, Pandey M, Baliga BS, Ghosh SK, Srivastava B, Soans ST, Bahl RK, Punj A, Roy A, Sharma SK, Nasa A, Jalali RK, Anvikar AR. Efficacy and safety of

fixed dose combination of arterolane maleate and piperazine phosphate in comparison with chloroquine phosphate in children with acute uncomplicated *Plasmodium vivax* malaria: A phase III, randomised, multicentric study. *J Vector Borne Dis.* 2020;57(3):213-220. PMID: 34472504.

95. Behera B, Satapathy AK, Ranjan J, Chandrasekar S, Patel S, Mishra B, Mahapatro S, Das RR. Profile of Scrub Typhus Meningitis/Meningoencephalitis in Children with and without Scrub Typhus IgM Antibody in CSF. *J Neurosci Rural Pract.* 2021;12(4):786-791. PMID: 34737516.
96. Bhat JI, Charoo BA, Mukherjee A, Ahad R, Das RR, Goyal JP, Vyas B, Ratageri VH, Lodha R; Members of The ATU (Acute Respiratory Infection Treatment Unit) Group. Risk of Hospitalization in Under-five Children With Community-Acquired Pneumonia: A Multicentric Prospective Cohort Study. *Indian Pediatr.* 2021;58(11):1019-1023. PMID: 34837360.
97. Das RR, Satapathy AK, Mukherjee A, Goyal JP, Bhat JI, Ratageri VH, Vyas B, Lodha R; Members of The ATU (Acute Respiratory Infection Treatment Unit) Group. Role of Clinical Criteria and Oxygen Saturation Monitoring in Diagnosis of Childhood Pneumonia in Children Aged 2 to 59 Months. *Indian Pediatr.* 2021;58(11):1024-1029. PMID: 34837361.
98. Goyal JP, Kumar P, Mukherjee A, Das RR, Bhat JI, Ratageri V, Vyas B, Lodha R; Acute Respiratory Infection Treatment Unit Study Group. Risk Factors for the Development of Pneumonia and Severe Pneumonia in Children. *Indian Pediatr.* 2021;58(11):1036-1039. PMID: 34837363.
99. Jat KR, Sankar J, Das RR, Ratageri VH, Choudhary B, Bhat JI, Mishra B; Collaborative Indian Pediatric COVID study group; Bhatnagar S, Behera B, Charoo BA, Goyal JP, Gupta AK, Gulla KM, Gera R, Illalu S, Kabra SK, Khera D, Kumar B, Lodha R, Mohan A, Mohanty PK, Satapathy AK, Singh K, Singh A, Sharma SV, Tiwari P, Tripathi A, Wari PK. Clinical Profile and Risk Factors for Severe Disease in 402 Children Hospitalized with SARS-CoV-2 from India: Collaborative Indian Pediatric COVID Study Group. *J Trop Pediatr.* 2021;67(3):fma048. PMID: 34152424.
100. Das RR, Gulla KM. Psychiatric and Behavioral Problems in Childhood Asthma: An Opportunity for Prevention. *Indian J Pediatr.* 2021;88(10):957-958. PMID: 34378147.
101. Murhekar MV, Kamaraj P, Kumar MS, Khan SA, Allam RR, Barde PV, Dwivedi B, Kanungo S, Mohan U, Mohanty SS, Roy S, Sagar V, Savargaonkar D, Tandale BV, Topno RK, Kumar CPG, Sabarinathan R, Bitragunta S, Grover GS, Lakshmi PVM, Mishra CM, Sadhukhan P, Sahoo PK, Singh SK, Yadav CP, Kumar R, Dutta S, Toteja GS, Gupta N, Mehendale SM; ICMR Serosurvey Group. Immunity against diphtheria among children aged 5-17 years in India, 2017-18: a cross-sectional, population-based serosurvey. *Lancet Infect Dis.* 2021;21(6):868-875. PMID: 33485469.
102. Jayaraman Y, Veeraraghavan B, Girish Kumar CP, Sukumar B, Rajkumar P, Kangusamy B, Verghese VP, Varghese R, Jayaraman R, Kapoor AN, Gupta N, Kanagasabai K, David JK, Rajaraman J, Sockalingam G, Khera A, Haldar P, Aggarwal MK, Pillai RK, Manchanda V, Theodore RBJ, Rajahamsan J, Mohan G, Jayalekshmi V, Nedunchelian K, Devasena N, Sridharan S, Selvi R, Ravinder T, Narayana Babu R, Mathevan G, Sugumari C, Sugandhi Rao P, Kini PG, Dwivedi B, Kanga A, Grover N, Narayanan H, Mehendale SM. Hospital-based sentinel surveillance for bacterial meningitis in under-five children prior to the introduction of the PCV13 in India. *Vaccine.* 2021;39(28):3737-3744. PMID: 34074545.
103. Sahoo PK, Sabat J, Shubhadra S, Dwivedi B, Sinha A, Pati S. Burden of Rubella virus infection among females attending tertiary care hospitals of Odisha, India: a need for adult women vaccination. *Hum Vaccin Immunother.* 2021;17(10):3757-3760. PMID: 34161181.
104. Shanmugasundaram D, Awasthi S, Dwivedi B, Geetha S, Jain M, Malik S, Patel B, Singh H, Tripathi S, Viswanathan R, Agarwal A, Bonu R, Jain S, Jena SK, Priyasree J, Pushpalatha K, Ali S, Biswas D, Jain A, Narang R, Madhuri S, George S, Kaduskar O, Kiruthika G, Sabarinathan R, Sapakal G, Gupta N, Murhekar MV. Burden of congenital rubella syndrome (CRS) in India based on data from cross-sectional serosurveys, 2017 and 2019-20. *PLoS Negl Trop Dis.* 2021;15(7):e0009608. PMID: 34297716.
105. Subhadra S, Sabat J, Dwivedi B, Panda S, Mandal MC, Rath S, Ho LM, Palo SK, Pati S, Turuk J. Prevalence and trend of emerging and re-emerging arboviral infections in the state of Odisha. *Virusdisease.* 2021;32(3):504-510. PMID: 34337107.
106. Bhol D, Chandrasekar S, John J, Satapathy AK. Dyke-Davidoff-Masson Syndrome: A Rare Cause of Acquired Cerebral Hemiatrophy. *Asian J Neurosurg.* 2021;16(3):579-581. PMID: 34660372.
107. Sankaran S, John J, Patra SS, Das RR, Satapathy AK. Prevalence of Musculoskeletal Pain and Its Relation With Weight of Backpacks in School-Going Children in Eastern India. *Front Pain Res (Lausanne).* 2021;2:684133. PMID: 35295431.
108. Chandrasekar S, John J, Satapathy AK, Mahapatro S. When the head is big, think this too: Megalencephalic leukoencephalopathy in a toddler with only a large head. A case report. *J Family Med Prim Care.* 2021;10(6):2416-2418. PMID: 34322448.

109. Karthika IK, Gulla KM, John J, Satapathy AK, Sahu S, Behera B, Mishra P. COVID-19 related multi-inflammatory syndrome presenting with uveitis - A case report. *Indian J Ophthalmol.* 2021;69(5):1319-1321. PMID: 33913889.
110. Kuchi S, Sahu S, John J. Too little and too late. Initiation of breastfeeding in Odisha, India: An observational study. *J Family Med Prim Care.* 2021;10(4):1592-1595. PMID: 34123897.
111. Karthika IK, John J. Should High Flow Nasal Cannula Therapy Be the Primary Mode of Respiratory Support in a Pediatric Intensive Care Unit? Questions Remain! *Indian Pediatr.* 2021;58(4):396-397. PMID: 33883319.
112. Sahu S, Nayak S, John J. Unmet need to screen for lead toxicity in the prevention of ADHD. *J Family Med Prim Care.* 2021;10(1):586-587. PMID: 34017799.
113. Kabir KI, John J, Satapathy AK, Sahu S, Behera B, Padhy BM. Oral Azithromycin Versus Doxycycline in the Treatment of Children With Uncomplicated Scrub Typhus: A Randomized Controlled Trial. *Pediatr Infect Dis J.* 2022;41(3):224-229. PMID: 34966141.
114. Nayak S, Sahu S, Patra S, John J. Assessment of Copper and Zinc Levels in Hair and Urine of Children With Attention Deficit Hyperactivity Disorder: A Case-Control Study in Eastern India. *Cureus.* 2021;13(12):e20692. PMID: 35106229.
115. Ik K, Priyadarshini D, Nakka S, John J, Mahapatro S, Dwibedi B, Satapathy AK. Profile and Outcome of Childhood Hydrocarbon Poisoning: An Observational Study. *Cureus.* 2021;13(12):e20144. PMID: 35003977.
116. Chandrasekar S, John J, Satapathy AK. Longitudinally Extensive Transverse Myelitis: One Disease, Variable Outcomes-A Case Series. *J Neurosci Rural Pract.* 2022;13(2):339-342. PMID: 35694058.
117. Ravikumar N, Sankar J, Das RR. Functional Outcomes in Survivors of Pediatric Sepsis: A Scoping Review and Discussion of Implications for Low- and Middle-Income Countries. *Front Pediatr.* 2022;10:762179. PMID: 35345613.
118. Nayak S, Panda PC, Biswal B, Agarwalla SK, Satapathy AK, Jena PK, Gulla KM, Rath D, Mahapatra A, Mishra P, Priyadarshini D, Mahapatro S, Nayak S, Das RR; EICOMISC Study Group. Eastern India Collaboration on Multisystem Inflammatory Syndrome in Children (EICOMISC): A Multicenter Observational Study of 134 Cases. *Front Pediatr.* 2022;10:834039. PMID: 35377583.
119. Bhatt GC, Das RR, Satapathy A. Early versus Late Initiation of Renal Replacement Therapy: Have We Reached the Consensus? An Updated Meta-Analysis. *Nephron.* 2021;145(4):371-385. PMID: 33915551.
120. Das RR, Sankar MJ, Agarwal R. Bed sharing versus no bed sharing for healthy term neonates. *Cochrane Database Syst Rev.* 2021 Apr 8;4(4):CD012866. PMID: 33831222.
121. Valecha N, Goyal VK, Mishra DN, Das RR, Jauhari N, Bhardwaj AC, Khurana O, Choudhury R, Pandey M, Baliga BS, Ghosh SK, Srivastava B, Soans ST, Bahl RK, Punj A, Roy A, Sharma SK, Nasa A, Jalali RK, Anvikar AR. Efficacy and safety of fixed dose combination of arterolane maleate and piperazine phosphate in comparison with chloroquine phosphate in children with acute uncomplicated Plasmodium vivax malaria: A phase III, randomised, multicentric study. *J Vector Borne Dis.* 2020;57(3):213-220. PMID: 34472504.
122. Behera B, Satapathy AK, Ranjan J, Chandrasekar S, Patel S, Mishra B, Mahapatro S, Das RR. Profile of Scrub Typhus Meningitis/Meningoencephalitis in Children with and without Scrub Typhus IgM Antibody in CSF. *J Neurosci Rural Pract.* 2021;12(4):786-791. PMID: 34737516.
123. Bhat JI, Charoo BA, Mukherjee A, Ahad R, Das RR, Goyal JP, Vyas B, Ratageri VH, Lodha R; Members of The ATU (Acute Respiratory Infection Treatment Unit) Group. Risk of Hospitalization in Under-five Children With Community-Acquired Pneumonia: A Multicentric Prospective Cohort Study. *Indian Pediatr.* 2021;58(11):1019-1023. PMID: 34837360.
124. Das RR, Satapathy AK, Mukherjee A, Goyal JP, Bhat JI, Ratageri VH, Vyas B, Lodha R; Members of The ATU (Acute Respiratory Infection Treatment Unit) Group. Role of Clinical Criteria and Oxygen Saturation Monitoring in Diagnosis of Childhood Pneumonia in Children Aged 2 to 59 Months. *Indian Pediatr.* 2021;58(11):1024-1029. PMID: 34837361.
125. Goyal JP, Kumar P, Mukherjee A, Das RR, Bhat JI, Ratageri V, Vyas B, Lodha R; Acute Respiratory Infection Treatment Unit Study Group. Risk Factors for the Development of Pneumonia and Severe Pneumonia in Children. *Indian Pediatr.* 2021;58(11):1036-1039. PMID: 34837363.
126. Jat KR, Sankar J, Das RR, Ratageri VH, Choudhary B, Bhat JI, Mishra B; Collaborative Indian Pediatric COVID study group; Bhatnagar S, Behera B, Charoo BA, Goyal JP, Gupta AK, Gulla KM, Gera R, Illalu S, Kabra SK, Khara D, Kumar B, Lodha R, Mohan A, Mohanty PK, Satapathy AK, Singh K, Singh A, Sharma SV, Tiwari P, Tripathi A, Wari PK. Clinical Profile and Risk Factors for Severe Disease in 402 Children Hospitalized with SARS-CoV-2 from India: Collaborative Indian Pediatric COVID Study Group. *J Trop Pediatr.* 2021;67(3):fma048. PMID: 34152424.
127. Das RR, Gulla KM. Psychiatric and Behavioral Problems in Childhood Asthma: An Opportunity for Prevention. *Indian J*

Pediatr. 2021;88(10):957-958. PMID: 34378147.

128. Murhekar MV, Kamaraj P, Kumar MS, Khan SA, Allam RR, Barde PV, Dwibedi B, Kanungo S, Mohan U, Mohanty SS, Roy S, Sagar V, Savargaonkar D, Tandale BV, Topno RK, Kumar CPG, Sabarinathan R, Bitragunta S, Grover GS, Lakshmi PVM, Mishra CM, Sadhukhan P, Sahoo PK, Singh SK, Yadav CP, Kumar R, Dutta S, Toteja GS, Gupta N, Mehendale SM; ICMR Serosurvey Group. Immunity against diphtheria among children aged 5-17 years in India, 2017-18: a cross-sectional, population-based serosurvey. *Lancet Infect Dis.* 2021;21(6):868-875. PMID: 33485469.
129. Jayaraman Y, Veeraraghavan B, Girish Kumar CP, Sukumar B, Rajkumar P, Kangusamy B, Verghese VP, Varghese R, Jayaraman R, Kapoor AN, Gupta N, Kanagasabai K, David JK, Rajaraman J, Sockalingam G, Khera A, Haldar P, Aggarwal MK, Pillai RK, Manchanda V, Theodore RBJ, Rajahamsan J, Mohan G, Jayalekshmi V, Nedunchelian K, Devasena N, Sridharan S, Selvi R, Ravinder T, Narayana Babu R, Mathevan G, Sugumari C, Sugandhi Rao P, Kini PG, Dwibedi B, Kanga A, Grover N, Narayanan H, Mehendale SM. Hospital-based sentinel surveillance for bacterial meningitis in under-five children prior to the introduction of the PCV13 in India. *Vaccine.* 2021;39(28):3737-3744. PMID: 34074545.
130. Sahoo PK, Sabat J, Shubhadra S, Dwibedi B, Sinha A, Pati S. Burden of Rubella virus infection among females attending tertiary care hospitals of Odisha, India: a need for adult women vaccination. *Hum Vaccin Immunother.* 2021;17(10):3757-3760. PMID: 34161181.
131. Shanmugasundaram D, Awasthi S, Dwibedi B, Geetha S, Jain M, Malik S, Patel B, Singh H, Tripathi S, Viswanathan R, Agarwal A, Bonu R, Jain S, Jena SK, Priyasree J, Pushpalatha K, Ali S, Biswas D, Jain A, Narang R, Madhuri S, George S, Kaduskar O, Kiruthika G, Sabarinathan R, Sapakal G, Gupta N, Murhekar MV. Burden of congenital rubella syndrome (CRS) in India based on data from cross-sectional serosurveys, 2017 and 2019-20. *PLoS Negl Trop Dis.* 2021;15(7):e0009608. PMID: 34297716.
132. Subhadra S, Sabat J, Dwibedi B, Panda S, Mandal MC, Rath S, Ho LM, Palo SK, Pati S, Turuk J. Prevalence and trend of emerging and re-emerging arboviral infections in the state of Odisha. *Virusdisease.* 2021;32(3):504-510. PMID: 34337107.
133. Bhol D, Chandrasekar S, John J, Satapathy AK. Dyke-Davidoff-Masson Syndrome: A Rare Cause of Acquired Cerebral Hemiatrophy. *Asian J Neurosurg.* 2021;16(3):579-581. PMID: 34660372.
134. Sankaran S, John J, Patra SS, Das RR, Satapathy AK. Prevalence of Musculoskeletal Pain and Its Relation With Weight of Backpacks in School-Going Children in Eastern India. *Front Pain Res (Lausanne).* 2021;2:684133. PMID: 35295431.
135. Chandrasekar S, John J, Satapathy AK, Mahapatro S. When the head is big, think this too: Megalencephalic leukoencephalopathy in a toddler with only a large head. A case report. *J Family Med Prim Care.* 2021;10(6):2416-2418. PMID: 34322448.
136. Karthika IK, Gulla KM, John J, Satapathy AK, Sahu S, Behera B, Mishra P. COVID-19 related multi-inflammatory syndrome presenting with uveitis - A case report. *Indian J Ophthalmol.* 2021;69(5):1319-1321. PMID: 33913889.
137. Kuchi S, Sahu S, John J. Too little and too late. Initiation of breastfeeding in Odisha, India: An observational study. *J Family Med Prim Care.* 2021;10(4):1592-1595. PMID: 34123897.
138. Karthika IK, John J. Should High Flow Nasal Cannula Therapy Be the Primary Mode of Respiratory Support in a Pediatric Intensive Care Unit? Questions Remain! *Indian Pediatr.* 2021;58(4):396-397. PMID: 33883319.
139. Sahu S, Nayak S, John J. Unmet need to screen for lead toxicity in the prevention of ADHD. *J Family Med Prim Care.* 2021;10(1):586-587. PMID: 34017799.
140. Kabir KI, John J, Satapathy AK, Sahu S, Behera B, Padhy BM. Oral Azithromycin Versus Doxycycline in the Treatment of Children With Uncomplicated Scrub Typhus: A Randomized Controlled Trial. *Pediatr Infect Dis J.* 2022;41(3):224-229. PMID: 34966141.
141. Nayak S, Sahu S, Patra S, John J. Assessment of Copper and Zinc Levels in Hair and Urine of Children With Attention Deficit Hyperactivity Disorder: A Case-Control Study in Eastern India. *Cureus.* 2021;13(12):e20692. PMID: 35106229.
142. Ik K, Priyadarshini D, Nakka S, John J, Mahapatro S, Dwibedi B, Satapathy AK. Profile and Outcome of Childhood Hydrocarbon Poisoning: An Observational Study. *Cureus.* 2021;13(12):e20144. PMID: 35003977.
143. Chandrasekar S, John J, Satapathy AK. Longitudinally Extensive Transverse Myelitis: One Disease, Variable Outcomes-A Case Series. *J Neurosci Rural Pract.* 2022;13(2):339-342. PMID: 35694058
144. Mishra BR, Agrawal K, Biswas T, Mohapatra D, Nath S, Maiti R. Comparison of Acute Followed by Maintenance ECT vs Clozapine on Psychopathology and Regional Cerebral Blood Flow in Treatment-Resistant Schizophrenia: A Randomized Controlled Trial. *Schizophrenia Bull.* [Accepted on 15 th Feb 2022]. PMID: 35556138.

145. Paroxysmal visual phenomenon: Diagnostic dilemma and therapeutic challenges. *Psychiatra Danubina*. 2022; 34(2),301-303. PMID: 35772142
146. Patra S, Patro BK, Padhy SK, Mantri J. Prevalence of diabetes distress and its relationship with self-management in patients with type 2 diabetes mellitus. *Ind Psychiatry J*. 2021 Jul-Dec;30(2):234-239. doi: 10.4103/ipj.ipj_60_19. Epub 2021 Sep 24. PMID: 35017806;
147. Patra S, Patro BK, Parmar A. Psychiatry as a major subject in undergraduate training: A step in the right direction. *Indian J Psychiatry*. 2021 May-Jun;63(3):313-314. *Indianjpsychiatry_1423_20*. Epub 2021 Jun 17. PMID: 34211236
148. Mishra BR, Biswas T, Ranjan R. A sustainable mental health care delivery model for severe mental illness during COVID-19. *Asian J Psychiatry* 2021 Apr; 58:102594. PMID: 33640699
149. Parmar A., Lal R, Sarkar S, & Balhara YPS. Neurological soft signs in cannabis use disorder with or without psychosis: A comparative study from India. *Journal of Dual Diagnosis*, 2021; 17(4), 267-276. PMID: 34609263
150. Hans R, Prakash S, Sharma RR, Sankhyan N, Takkar A, Goyal M, Saikia B, Lal V, Marwaha N. Therapeutic Plasma Exchange in Neuromyelitis Optica Spectrum Disorders—Experience from Tertiary Care Center in North India. *Neurol India*. 2022 Mar-Apr;70(2):710-713. PMID: 35532644.
151. Sahu A, Prakash S, Das N, Routray SS, Naik A, Mukherjee S. Analysis of Blood Group Discrepancy in Healthy Blood Donors at a Tertiary Care Referral Hospital from Eastern India: A Retrospective Study. *J Lab Physicians*. 2022 Feb 9;14(3):247-252. PMID: 36119418.
152. Barman A, Mukherjee S, Sinha MK, Sahoo J, Viswanath A. The benefit of platelet-rich plasma injection over institution-based physical therapy program in adhesive capsulitis patients with diabetes mellitus: prospective observational cohort study. *Clin Shoulder Elb*. 2021 Dec;24(4):215-223. PMID: 34781602
153. Prakash S, Mohapatra S, Bhagavathi MS, Das N, Krushna Ray G, Mukherjee S. Loss and Reappearance of A Antigen After Chemotherapy Leading to Blood Group Discrepancy in Acute Myeloid Leukemia: A Case Report. *Lab Med*. 2021 Sep 1;52(5):509-513. PMID: 33724429
154. Naik A, Prakash S, Ray GK, Mukherjee S. Variable response to therapeutic plasma exchange in pediatric anti-NMDA receptor encephalitis. *Transfus Clin Biol*. 2021 Apr 8:S1246-7820(21)00044-6. Epub ahead of print. PMID: 33839297
155. Bhagavathi MS, Das N, Prakash S, Sahu A, Routray S, Mukherjee S. Blood group discrepancy in Ah para-Bombay phenotype: a rare blood group variant and its clinical significance. *Immunohematology*. 2021;37(4):160-164. PMID: 34964314.
156. Sahoo J, Jena D, Viswanath A, Barman A. Injection Botulinum Toxin A in Treatment of Resistant Chronic Low Back Pain: A Prospective Open-Label Study. *Cureus*. 2021 Sep 8;13(9):e17811. PMID: 34660021
157. Barman A, Prakash S, Sahoo J, Mukherjee S, Maiti R, Roy SS. Single intra-articular injection with or without intra-osseous injections of platelet-rich plasma in the treatment of osteoarthritis knee: A single-blind, randomized clinical trial. *Injury*. 2022 Mar;53(3):1247-1253. PMID: 35033356.
158. Barman A, Roy SS, Sasidharan SK, Sahoo J. Clinical features and prognosis of COVID-19/SARS-CoV-2 infections in persons with spinal cord injury: a review of current literature. *Spinal Cord Ser Cases*. 2021 Jul 13;7(1):58. doi: 10.1038/s41394-021-00420-7. PMID: 34257266
159. Barman A, Sahoo J, Viswanath A, Roy SS, Swarnakar R, Bhattacharjee S. Clinical Features, Laboratory, and Radiological Findings of Patients With Acute Inflammatory Myelopathy After COVID-19 Infection: A Narrative Review. *Am J Phys Med Rehabil*. 2021 Oct 1;100(10):919-939. PMID: 34347629
160. Barman A, Mukherjee S, Sinha MK, Sahoo J, Viswanath A. The benefit of platelet-rich plasma injection over institution-based physical therapy program in adhesive capsulitis patients with diabetes mellitus: prospective observational cohort study. *Clin Shoulder Elb*. 2021 Dec;24(4):215-223. PMID: 34781602;
161. Barman A, Mishra A, Maiti R, Sahoo J, Thakur KB, Sasidharan SK. Can platelet-rich plasma injections provide better pain relief and functional outcomes in persons with common shoulder diseases: a meta-analysis of randomized controlled trials. *Clin Shoulder Elb*. 2022 Mar;25(1):73-89. PMID: 34823313; PMCID: PMC8907495
162. Priyadarsini N, Nanda P, Devi S, Mohapatra S. Sarcopenia: An Age-Related Multifactorial Disorder. *Current Aging Science*. 2022 Mar 4. PMID: 35249518
163. Swain D, Nanda P, Das H. Impact of yoga intervention on menopausal symptoms specific quality of life and changes in hormonal level among menopausal women. *Journal of Obstetrics and Gynaecology research*. 2021 Oct;47(10):3669-76. PMID: 34254406

164. Menon A, Kar M, Patra S, Mahapatra SC. Effect of Laboratory Mental Stressors on Cardiovascular Reactivity in Young Women During Different Phases of Menstrual Cycle: An Observational Study. *Women's Health Reports*. 2021 Oct 1;2(1):479-87. PMID: 34841394
165. Kar M. Vascular dysfunction and its cardiovascular consequences during and after COVID-19 infection: A narrative review. *Vascular Health and Risk Management*. 2022;18:105. PMID: 35283631
166. Pruseth B, Ghosh A, Pradhan D, Purkait S, Guttula PK. Analysis of Overexpressed miRNA in Circulation and Cancer Tissue to Develop a Potential microRNA Panel for the Diagnosis of Colorectal Cancer. *MicroRNA*. 2021 Dec 1;10(4):250-62. PMID: 34963442.
167. Verma P, Mohanty N, Pruseth B, Sahoo S, Katiyar A, Singh H, Jena SK, Das RR, Som TK, Sahoo SK, Nanda P. Identification of Candidate Immune System MicroRNAs Differentially Found in Colostrum and Milk Exosomes. *Microna (Sharjah, United Arab Emirates)*. 2022 Jun 30. PMID: 35786199
168. Goyal M, Tiwari US, Jaseja H. Pathophysiology of the comorbidity of glaucoma with obstructive sleep apnea: A postulation. *European Journal of Ophthalmology*. 2021 Sep;31(5):2776-80. PMID:33478247
169. Priyadarsini N, Nanda P, Devi S, Mohapatra S. Sarcopenia: An Age-Related Multifactorial Disorder. *Current Aging Science*. 2022 Mar 4. PMID: 35249518
170. Ray M, Rath SN, Sarkar S, Sable MN. Presentation of potential genes and deleterious variants associated with non-syndromic hearing loss: a computational approach. *Genomics Inform*. 2022;20(1):e5. PMID: 35399004
171. Panigrahi C, Nayak HK, Patra S, Mitra S. Hepatic follicular dendritic cell sarcoma with epithelioid morphology: histopathologist's perspective. *J Clin Exp Hepatol* 2022;12(2):677-685. PMID: 35535111
172. Panigrahi C, Mishra TS, Adhya AK. Cytology of a subcutaneous nodule on hand: a rare case. *Cytopathology*. 2022 ;33(2):273-275. PMID: 34245610.
173. Panigrahi C, Jha S, Kumar P, Mishra TS, Sasmal PK, Adhya AK. Squamous metaplasia in a borderline Phyllodes tumor- an undocumented histological finding in male breast: report of a case and review of literature. *Int J Surg Pathol*. 2022;30(1):106-113. PMID: 34080913.
174. Panigrahi C, Sethy M, Adhya AK. An unusual case of malignant peritoneal effusion. *Cytopathology*. 2022;33(1):141-144. PMID: 34242452.
175. Purkait S, Mitra S, Adhya AK, Sethy M, Mishra TS. Cytology of angiofibroma of soft tissue of the inguinal region. *Cytopathology*. 2022;33(2):276-280. PMID: 34273199.
176. Purkait S, Patra S, Mitra S, Behera MM, Panigrahi MK, Kumar P, Kar M, Hallur V, Chandra Samal S. Elevated expression of DNA methyltransferases and enhancer of Zeste Homolog 2 in *Helicobacter pylori* - gastritis and gastric carcinoma. *Dig Dis*. 2022 ;40(2):156-167. PMID: 33895728.
177. Ayyanar P, Mahalik SK, Haldar S, Purkait S, Patra S, Mitra S. Expression of CD56 is not limited to biliary atresia and correlates with the degree of fibrosis in pediatric cholestatic diseases. *Fetal Pediatr Pathol* 2022;41(1):87-97. PMID: 32511036.
178. Mishra S, Padhi S, Mohapatra S, Panigrahi A, Das PK, Adhya AK, Patra S, Mishra P, Bhuyan B. Bone marrow trephine immunohistochemistry is useful in characterizing malignancy-associated myelonecrosis: A retrospective observational study. *Int J Lab Hematol*. 2021;43(6):1516-1523. PMID: 34342935
179. Mitra S, Ayyanar P, Mahalik SK, Patra S, Purkait S, Satapathy AK. Diminution of the primary cilia from the intrahepatic cholangiocytes in a pediatric choledochal cyst. *Appl Immunohistochem Mol Morphol* 2021;29(10):773-780. PMID: 34081636.
180. Padhi S, Panigrahi MK, Mohapatra S, Mishra P, Patra S, Sable MN, Thakur B, Nayak M, Panigrahi A. Pulmonary anaplastic large-cell lymphoma: A case-based systematic review of world literature. *J Cancer Res Ther*. 2021;17(6):1297-1306. PMID: 34916357
181. Mishra P, Padhi S, Ayyanar P, Samal S, Das Majumdar S, Panigrahi A, Sable M. clinicopathological and immunohistochemical profile of mantle cell lymphoma: an institutional experience. *Cureus*. 2021;13(7):e16534. PMID: 34430143
182. Patra S, Padhi S, Padhan P, Kar M, Nayak P, Samal SC. Ergotamine induced retroperitoneal fibrosis. *Mediterr J Rheumatol*. 2021;32(2):168-173. PMID: 34447915
183. Jha S, Mitra S, Patra S, Sethi P, Jena SK. Krukenberg tumor of ovary during pregnancy: learning from a mistake. *Int J Gynecol Pathol* 2021;40(6):617-620. PMID: 33252404.

184. Majumder R, Mishra P, Samal SC, Bhat SJ, Patra S. *Helicobacter heilmannii* associated gastritis: Report of a rare case. *Indian J Pathol Microbiol.* 2021;64(Supplement):S97-S99. PMID: 34135148.
185. Mishra P, Sasmal PK, Jena SK, Senapati S, Patra S. Pure primary ovarian carcinoid tumor with carcinoid syndrome and cervical carcinoma: A rare concoction of dual primary malignancies. *Indian J Pathol Microbiol.* 2021;64(3):563-567. PMID: 34341274.
186. Purkait S, Nayak M, Patnaik A, Patra S, Malgulwar PB. Extra-Ventricular C11orf95-RELA fusion positive anaplastic ependymoma with divergent histological and immunohistochemical features: report of a rare case. *Neurol India.* 2021;69(4):1060-1062. PMID: 34507448.
187. Mishra P, Patra S, Srinivasan A, Padhi S, Sable MN, Samal SC, Mohapatra S. Primary gastrointestinal anaplastic large cell lymphoma: A critical reappraisal with a systematic review of the world literature. *J Cancer Res Ther.* 2021;17(6):1307-1313. PMID: 34916358.
188. Behera G, Mitra S, Mishra TS, Purkait S. Enhancer of Zeste Homolog 2 (EZH2) in malignant progression of gallbladder carcinoma. *J Gastrointest Cancer.* 2021;52(3):1029-1034. PMID: 33051796.
189. Jha S, Mitra S, Purkait S, Adhya AK. The Milan System for reporting salivary gland cytopathology: assessment of cytohistological concordance and risk of malignancy. *Acta Cytol.* 2021;65(1):27-39. PMID: 33045705.
190. Jha S, Sethy M, Adhya AK. Application of the International System for reporting serous fluid cytopathology in routine reporting of pleural effusion and assessment of the risk of malignancy. *Diagn Cytopathol.* 2021;49(10):1089-1098. PMID: 34289263.
191. Mitra S, Ayyanar P, Purkait S, Mishra SS, Mishra TS. Clinical and histopathological spectrum of adult gastrointestinal inflammatory neuropathy. *Int J Surg Pathol.* 2021;29(3):246-256. PMID: 32964744.
192. Purkait S, Sethy M, Parida PK, Mitra S. Cytology of mucoepidermoid carcinoma of thyroid. *Cytopathology.* 2021;32(6):836-839. PMID: 34086373.
193. Mitra S, Purkait S, Das MK. Unilateral axillary lymph node metastasis from small cell neuroendocrine carcinoma of the urinary bladder. *Cytopathology.* 2021;32(3):371-373. PMID: 32939913.
194. Jha S, Samal S, Ayyanar P, Mishra P, Purkait S, Sable MN, Pradhan P, Adhya AK. Cytomorphological features of mammary analog secretory carcinoma of parotid gland: report of 3 cases and review of literature. *Indian J Pathol Microbiol.* 2021;64(4):783-787. PMID: 34673604.
195. Mitra S, Kalra M, Purkait S, Mishra P, Mohanty PK, Som TK, Adhya AK, Das P. Congenital acinar cystic transformation of the pancreas with proximal jejunal atresia and hepatic iron overload: an autopsy case. *Fetal Pediatr Pathol.* 2021;1-9. PMID: 34414844.
196. Ray M, Sarkar S, Sable MN. Genetics landscape of nonsyndromic hearing loss in indian populations. *J Pediatr Genet.* 2021;11(1):5-14. PMID: 35186384
197. Ray M, Sarkar S, Sable MN. Comprehensive functional network analysis and screening of deleterious pathogenic variants in non-syndromic hearing loss causative genes. *Biosci Rep.* 2021;41(10):BSR20211865. PMID: 34714320
198. Ray M, Sable MN, Sarkar S, Hallur V. Essential interpretations of bioinformatics in COVID-19 pandemic. *Meta Gene.* 2021;100844. PMID: 33349792
199. Biswas D, Sethy M, Behera B, Palit A, Mitra S. Image morphometric analysis of b cells and plasma cells in erythema nodosum leprosum with clinicopathological correlation. *Am J Dermatopathol.* 2021;43(10):700-706. PMID: 33264135.
200. Biswas D, Sethy M, Behera B, Palit A, Mitra S. T-regulatory cells in erythema nodosum leprosum: an immunohistochemical and image morphometric study. *Am J Dermatopathol.* 2021;43(12):e149-e157. PMID: 34291740.
201. Purkait S, Sethy M, Parida PK, Mitra S. Cytology of mucoepidermoid carcinoma of thyroid. *Cytopathology.* 2021;32(6):836-839. PMID: 34086373.
202. Mohamedali R, Nath N, Mishra P, Mitra S. Cytology of a mass in the hard palate: A diagnostic pitfall. *Cytopathology.* 2021;32(5):684-686. PMID: 34028122.
203. Behera B, Tripathy S, Venkateshan M, Mahapatra A, Mohanty S, Gupta K, et al. Spectrum of Bacterial Pathogens in Critical COVID-19 Patients Admitted in Intensive Care Units of a Tertiary Care Hospital During the First and Second Wave of the Pandemic. *J Assoc Physicians India.* 2022 Feb;70(2):11-12. PMID: 35436819.
204. Mohanty S, Mohapatra PR, Devi S, Saha S. Post-COVID-19 vaccination shoulder abscess and pleuroparenchymal pulmonary lesion due to *Burkholderia pseudomallei*. *ID Cases.* 2022 Feb;27. PMID: 35223429

205. Mohanty M, Mishra B, Jain M, Karaniveed Puthiyapura L. Diagnostic role of Xpert-MTB RIF assay in osteoarticular tuberculosis: A retrospective study. *World J Orthop.* 2022 Mar;13(3):289-296. PMID: 35317258.
206. Behera B, Radhakrishnanan A, Mishra B, Mohapatra P, Kumar R. Laboratory Investigations in Patients with Community Acquired Sepsis and/or Pneumonia Caused by *Burkholderia pseudomallei*. *Am J Trop Med Hyg.* 2022 Mar. PMID: 35344934.
207. Katoch O, Katyal S, Srivastav S, Rodrigues C, Rupali P, Chakrabarti A, et al. Self-reported survey on infection prevention and control structures in healthcare facilities part of a national level healthcare associated infection surveillance network in India, 2019. *Am J Infect Control.* 2022 Apr ;50(4):390-395. PMID: 34600081.
208. Behera B, Radhakrishnan A, Mohapatra S, Mishra B. Melioidosis in Children, Brazil, 1989-2019. *Emerg Infect Dis.* 2022 May;28(5):1081-1082. PMID: 35450564
209. Mohanty S, Ali SM, Singh P. Necrotizing fasciitis and gas gangrene due to *Aeromonas hydrophila* in an immunocompetent host: a rare entity. *ID Cases* 2022 May;28. PMID: 35615702
210. Tayal A, Singh NP, Rai S, Gupta K, Gupta A, Agarwal AN, et al. First study on detection of cryptic resistance to linezolid among clinical isolates of methicillin resistant *Staphylococcus aureus* from India. *Indian J Med Microbiol.* 2022 Jun 3:S0255-0857(22)00085-8. PMID: 35667921.
211. Mohanty S, Behera B. Antibigram pattern and virulence trait characterization of *Enterococcus* species clinical isolates in Eastern India: a recent analysis. *J Lab Physicians.* 2022 Jul;14:237-246. PMID: 36119423
212. Mohanty S, Ranjan J, Makashir MS, Panigrahi MK, Nayak G. Intractable diarrhoea due to co-infection with *Cystoisospora belli* and *Trichuris trichiura* unraveling a severely compromised host immune status. *Ann Parasitol* 2022;68(2):399-403. PMID: 35842846
213. Hallur V, Rath S, Sable M, Kar P, Rudramurthy SM, Mishra T, et al. A rare case of phaeohyphomycosis due to *Phaeoacremonium kradjenii* from Odisha. *Indian J Med Microbiol.* 2021 May. PMID: 34020845
214. Mohanty S, Ravindra A, Gupta K, Hallur V, Behera B, Mahapatra A, Saha S, Ranjan J, Payal P, Mohanty M, Rath S, Mishra B. Intricacies in characterizing positivity in pooled sample testing for SARS-CoV-2. *J Med Virol.* 2021 May;93(5):2799-2804. PMID: 33085120.
215. Mohanty S, Chaudhry R. Emerging role of anaerobes in health and disease. *Indian J Med Microbiol* 2021 Jun 19:S0255-0857(21)04127-X. PMID: 34158176
216. Mohanty S, Rath S. Antimicrobial resistance profile of *Bacteroides fragilis* group of clinical isolates, eastern India. *Indian J Med Microbiol* 2021 Jul; 39 (3):397-399 PMID: 34167846
217. Mahapatra A, Nikitha K, Rath S, Behera B, Gupta K. Evaluation of HiCrome KPC Agar for the Screening of Carbapenem-Resistant Enterobacterales Colonization in the ICU Setting of a Tertiary Care Hospital. *J Lab Physicians* 2021 Jul 12;13(4):358-361. PMID: 34975256.
218. Behera B, Jena J, Mahapatra A, Biswala J. Impact of modified CDC/NHSN surveillance definition on the incidence of CAUTI: a study from an Indian tertiary care hospital. *J Infect Prev* 2021 Jul;22(4):162-165. PMID: 34295377.
219. Singh S, Rudramurthy SM, Padhye AA, Hemashetter BM, Iyer R, Hallur V, et al. Clinical Spectrum, Molecular Characterization, Antifungal Susceptibility Testing of *Exophiala* spp. From India and Description of a Novel *Exophiala* Species, *E. arunalokei* sp. nov. *Front Cell Infect Microbiol* 2021 Jul;11:686120. PMID: 34277470
220. Mishra B, Behera B, Singh AK, Mohapatra PR, Patro BK, Panigrahi MK, et al. Seroprevalence of SARS-CoV-2 antibodies among healthcare workers in a teaching hospital in Eastern India. *J Family Med Prim Care* 2021 Aug;10(8):2974-2979. PMID: 34660434.
221. Mahapatra A, Nayak HK, Mishra G, Kumar C, Panigrahi MK, Behera B, et al. Melioidosis in pancreatic pseudocyst: Atypical infection at atypical site. *Pancreatology* 2021 Aug; 21(5):1014-1016. PMID: 34301490.
222. Radhakrishnan A, Behera B, Mishra B. Clinico-microbiological description and evaluation of rapid lateral flow immunoassay and PCR for detection of *Burkholderia pseudomallei* from patients hospitalized with sepsis and pneumonia: A twenty-one months study from Odisha, India. *Acta Trop* 2021 Sep; 221: 105994. PMID: 34118206
223. Behera B, Satapathy AK, Ranjan J, Chandrasekar S, Patel S, Mishra B, et al. Profile of Scrub Typhus Meningitis/ Meningoencephalitis in Children with and without Scrub Typhus IgM Antibody in CSF. *J Neurosci Rural Pract.* 2021 Sep 22; 12(4):786-791. PMID: 34737516
224. Kar P, Behera B, Mohanty S, Jena J, Mahapatra A. Detection of Colistin Resistance in Carbapenem Resistant Enterobacteriaceae by Reference Broth Microdilution and Comparative Evaluation of Three Other Methods. *J Lab*

Physicians 2021 Sep; 13(3):263-269. PMID: 34602792.

225. Mohanty S, Purohit G, Rath S, Seth RK, Mohanty RR. Urinary tract infection due to Group B Streptococcus: A case series from Eastern India. Clin Case Rep. 2021 Oct 4; 9(10). PMID: 34631070
226. Purohit G, Sable M, Rudramurthy SM, Sarkar S, Parida P, Deshmukh V, et al. A rare case of conidiobolomycosis due to Conidiobolus coronatus presenting with dysphagia. Indian J Med Microbiol 2021 Oct-Dec;39(4):558-560. PMID: 33892974
227. Ranjan J, Ravindra A, Mishra B. Gender and genetic factors impacting COVID-19 severity. J Family Med Prim Care. 2021 Nov;10(11):3956-3963. PMID: 35136752.
228. Kabir KI, John J, Satapathy AK, Sahu S, Behera B, Padhy BM. Oral Azithromycin Versus Doxycycline in the Treatment of Children With Uncomplicated Scrub Typhus: A Randomized Controlled Trial. Pediatr Infect Dis J. 2021 Dec 28. PMID: 34966141.
229. Sahu MR, Mohanty MK, Sasmal PK, Radhakrishnan RV, Mohanty CR, Shaji IM, Naveen A, Parida M. Epidemiology and patterns of road traffic fatalities in India pre- and post-motor vehicle (Amendment) act 2019: An autopsy-based study. Int J Crit Illn Inj Sci. 2021 Oct-Dec;11(4):198-203. PMID: 35070908; PMCID: PMC8725808.
230. Naveen A, Sahu MR, Maharik SS, Mohanty MK, Padhi KS. Ball of Death: A Fatal Case Report on Accidental Death of a Child After Crude Bomb Explosion. Am J Forensic Med Pathol. 2022 Jun 1;43(2):199-203. Epub 2021 Nov 5. PMID: 34743143.
231. Naveen A, Sahu MR, Padhi KS, Maharik SS. Self-Poisoning With Safer Insecticide: A Case Series on Imidacloprid Poisoning. Am J Forensic Med Pathol. 2022 Mar 1;43(1):66-68. PMID: 33950883.
232. Tiwari R, Saharia GK, Mangaraj M. Evaluation of Serum Ferritin and Anti-Thyroid Peroxidase Antibody Status in Newly Diagnosed Subclinical Cases of Hypothyroidism. Endocrine, Metabolic & Immune Disorders Drug Targets. 2021;21(8):1453-1458. PMID: 32981513.
233. Dash P, Tiwari R, Nayak S, Jena SK, Mangaraj M. (Jan 10, 2022) Prevalence of Subclinical Hypothyroidism in Pregnancy and Its Association with Anti-thyroperoxidase Antibody and the Occurrence of Gestational Diabetes Mellitus. Cureus 14(1): e21087. doi:10.7759/cureus.21087. PMID: 35165548
234. Sanjeevi R, Jamwal KD, Dhar Chowdhury S, Ramadass B, Gayathri R, Dutta AK, Joseph JA, Ramakrishna BS, Chacko A. Assessment of small intestinal bacterial overgrowth in chronic pancreatitis patients using jejunal aspirate culture and glucose hydrogen breath test. Scand J Gastroenterol. 2021 Mar 17:1-6. PMID: 33730978.
235. Rajendiran E, Ramadass B, Ramprasath V. Understanding connections and roles of gut microbiome in cardiovascular diseases. Can J Microbiol. 2021 Feb;67(2):101-111. Epub 2020 Oct 20. PMID: 33079568.
236. Magne F, Gotteland M, Gauthier L, Zazueta A, Pesoa S, Navarrete P, Balamurugan R. The Firmicutes/Bacteroidetes Ratio: A Relevant Marker of Gut Dysbiosis in Obese Patients? Nutrients. 2020 May 19;12(5):1474. PMID: 32438689.
237. Naik S, Sahu S, Bandyopadhyay D, Tripathy S. Serum levels of osteoprotegerin, RANK-L & vitamin D in different stages of osteoarthritis of the knee. Indian Journal of Medical Research. 2021; 154 (3): 491-496. PMID: 35345075
238. Nayak S, Sahu S, Patra S, John J. Assessment of Copper and Zinc Levels in Hair and Urine of Children with Attention Deficit Hyperactivity Disorder: A Case-Control Study in Eastern. Cureus. 2021 Dec;13(12):e20692. PMID: 35106229;
239. Kumari S, Patro ARK, Mishra B, Jena SK, Singh S. Serum Lysyl Oxidase Levels and Lysyl Oxidase Gene Polymorphism in Ovarian Cancer Patients of Eastern Indian Population. Diagnostics (Basel). 2021;12(1):53-61. PMID: 35054220.
240. Anudeep P P, Kumari S, Rajasimman AS, Nayak S, Priyadarsini P. Machine learning predictive models of LDL-C in the population of eastern India and its comparison with directly measured and calculated LDL-C. Ann Clin Biochem 2022 ;59(1):76-86. PMID: 34612076.
241. R Shyamkrishnan, Saharia G K, Panda S, Mangaraj M, Evaluation of Homocysteine and Gamma-Glutamyl Transferase Concentrations As Markers of Chronic Kidney Disease: An Indian Perspective. Cureus Mar 08, 2022; 14(3): e22959 PMID: 35411265
242. Mohapatra PR, Mishra B. Regulatory approval of COVID-19 vaccine for restricted use in clinical trial mode. Lancet Infect Dis. 2021 May;21(5):599-600. PMID: 33508225; PMCID: PMC8063074.
243. Mohapatra PR. Remdesivir for Outpatient Management: Time to Wait, Not to Act. Am J Med. 2022 Mar;135(3):e80. PubMed PMID: 35249635.

244. Mohapatra PR, Mishra B. Upcoming SARS-CoV-2 vaccine: expectations and reality. *Postgrad Med J*. 2022 Mar;98(e2):e75-e76. PubMed PMID: 35232839.
245. Behera B, Radhakrishnanan A, Mishra B, Mohapatra P, Kumar R. Laboratory Investigations in Patients with Community Acquired Sepsis and/or Pneumonia Caused by *Burkholderia pseudomallei*. *Am J Trop Med Hyg*. 2022 Mar 28;. [Epub ahead of print] PubMed PMID: 35344934.
246. Mohanty S, Mohapatra PR, Devi S, Saha S. Post-COVID-19 vaccination shoulder abscess and pleuroparenchymal pulmonary lesion due to *Burkholderia pseudomallei*. *IDCases*. 2022;27:e01457. Epub 2022 Feb 21. PubMed PMID: 35223429.
247. Behera B, Tripathy S, Venkateshan M, Mahapatra A, Mohanty S, Gupta K, Mishra B, Rao PB, Mitra JK, Mohapatra PR, Panigrahi MK, Bhuniya S, Bal SK. Spectrum of Bacterial Pathogens in Critical COVID-19 Patients Admitted in Intensive Care Units of a Tertiary Care Hospital During the First and Second Wave of the Pandemic. *J Assoc Physicians India*. 2022 Feb;70(2):11-12. PubMed PMID: 35436819.
248. Datta A, Ghosh S, Mohapatra PR. A rare case of hemoptysis. *Lung India*. 2022 Jan-Feb;39(1):80-81. PubMed PMID: 34975059.
249. Rahman KKM, Mohapatra PR, Panigrahi MK, Purkait S, Bhuniya S. Comparison of endobronchial ultrasound-guided transbronchial needle aspiration cytology versus cell blocks in adults with undiagnosed mediastinal lymphadenopathy. *Lung India*. 2021 Sep-Oct;38(5):425-430. PMID: 34472519.
250. Mishra B, Behera B, Singh AK, Mohapatra PR, Patro BK, Panigrahi MK, Pillai JSK, Barik S, Mahapatra A, Mohanty S, Hallur V, Gupta K, Batmanabane G. Seroprevalence of SARS-CoV-2 antibodies among healthcare workers in a teaching hospital in Eastern India. *J Family Med Prim Care*. 2021 Aug;10(8):2974-2979. PMID: 34660434.
251. Behera P, Patro BK, Padhy BM, Mohapatra PR, Bal SK, Chandanshive PD, Mohanty RR, Ravikumar SR, Singh A, Singh SR, Pentapati SSK, Nair J, Batmanabane G. Prophylactic Role of Ivermectin in Severe Acute Respiratory Syndrome Coronavirus 2 Infection Among Healthcare Workers. *Cureus*. 2021 Aug 5;13(8):e16897. PMID: 34513470.
252. Behera P, Patro BK, Singh AK, Chandanshive PD, S R R, Pradhan SK, Pentapati SSK, Batmanabane G, Mohapatra PR, Padhy BM, Bal SK, Singh SR, Mohanty RR. Role of ivermectin in the prevention of SARS-CoV-2 infection among healthcare workers in India: A matched case-control study. *PLoS One*. 2021;16(2):e0247163. PubMed PMID: 33592050.
253. Radhakrishnan A, Behera B, Mishra B, Mohapatra PR, Kumar R, Singh AK. Clinico-microbiological description and evaluation of rapid lateral flow immunoassay and PCR for detection of *Burkholderia pseudomallei* from patients hospitalized with sepsis and pneumonia: A twenty-one months study from Odisha, India. *Acta Trop*. 2021 Sep;221:105994. PubMed PMID: 34118206.
254. Kumar G, Mukherjee A, Sharma RK, Menon GR, Sahu D, Wig N, et al. Clinical profile of hospitalized COVID-19 patients in first & second wave of the pandemic: Insights from an Indian registry based observational study. *Indian J Med Res* 2021 May;153(5&6):619-628 PMID: 34259194
255. Bhuniya S, Goyal M, Chowdhury N, Mishra P. Intermittent hypoxia and sleep disruption in obstructive sleep apnea increase serum tau and amyloid-beta levels. *Journal of Sleep Research* 2022;00,e13566 PMID: 35165967
256. Samal DK, Nayak A, Adya AK. Laryngeal Lymphoid Hyperplasia Presenting As Stridor in Pediatric Age. *Iran J Otorhinolaryngol*. 2022 Mar;34(121):127-130. PMID: 35655766
257. Ray M, Sarkar S, Sable MN. Comprehensive functional network analysis and screening of deleterious pathogenic variants in non-syndromic hearing loss causative genes. *Biosci Rep*. 2021 Oct 29;41(10):BSR20211865. PMID: 34714320;
258. Dasukil S, Boyina KK, Sarkar S, Hallur V, Nayak A, Mishra AK, Aswathi KV, Preetam C, Parida PK. Management of Covid Associated Mucormycosis of Mandible: A Mountain Beneath a Molehill-A Lesson Learnt. *Indian J Otolaryngol Head Neck Surg*. 2021 Oct 15:1-4. Epub ahead of print. PMID: 34667749
259. Jha S, Samal S, Ayyanar P, Mishra P, Purkait S, Sable MN, Pradhan P, Adhya AK. Cytomorphological features of Mammary Analog secretory carcinoma of parotid gland: Report of 3 cases and review of literature. *Indian J Pathol Microbiol*. 2021 Oct-Dec;64(4):783-787. PMID: 34673604
260. Pandemic lockdowns on planned cancer surgery for 15 tumour types in 61 countries: an international, prospective, cohort study. *Lancet Oncol*. 2021 Nov;22(11):1507-1517. Epub 2021 Oct 5. PMID: 34624250
261. COVIDSurg Collaborative, GlobalSurg Collaborative. SARS-CoV-2 vaccination modelling for safe surgery to save lives: data from an international prospective cohort study. *Br J Surg*. 2021 Sep 27;108(9):1056-1063. PMID: 33761533

262. Samal S, Sable M, Pradhan P. Giant epidermal inclusion cyst of the thyroid: a rare occurrence. *Autops Case Rep.* 2021 Sep 3;11:e2021318. PMID: 34540724
263. Pradhan P, Adhya AK. Extensive malignant melanoma of the oral cavity: a rare occurrence. *Autops Case Rep.* 2021 Aug 20;11:e2021299. PMID: 34458169
264. Grover M, Kanodia A, Gupta G, Preetam C, Samdani S. Authors' reply to the published comment regarding our article: Application of the new SMS system of cochleovestibular anomalies: our experience with nine cases of type III anomaly. *Eur Arch Otorhinolaryngol.* 2021 Aug;278(8):3131. Epub 2021 May 27. PMID: 34043066.
265. Agrawal K, Patro PS, Pradhan P, Parida PK. Management of Ectopic Thyroid in Head and Neck: Study of 8 Cases. *Iran J Otorhinolaryngol.* 2021 Jul;33(117):223-228. PMID: 34395322
266. Gopi G, Sarkar S, Mohakud S, Patnaik A, Bansal S, Preetam C, Sahu RN, Parida PK. Study on Closure of Skull Base Defect Post-Endoscopic Endonasal Transsphenoid Pituitary Surgery: A Novel Flap Design. *J Neurol Surg B Skull Base.* 2021 Jun;82(3):313-320. Epub 2019 Nov 14. PMID: 34026407
267. Purkait S, Sethy M, Parida PK, Mitra S. Cytology of mucoepidermoid carcinoma of thyroid. *Cytopathology.* 2021 Nov;32(6):836-839. doi: 10.1111/cyt.13018. Epub 2021 Jun 24. PMID: 34086373.
268. COVIDSurg Collaborative; GlobalSurg Collaborative. Timing of surgery following SARS-CoV-2 infection: an international prospective cohort study. *Anaesthesia.* 2021 Jun;76(6):748-758. Epub 2021 Mar 9. PMID: 33690889;
269. Parida PK, Thangavel S, Raja K, Saxena SK. Lacrimal sac rhinosporidiosis. *BMJ Case Rep.* 2021 Jun 28;14(6):e243926. PMID: 34183318
270. Samal S, Sable MN, Pradhan S, Pradhan P. Intraconal orbital dermoid cyst: a rare location. *Autops Case Rep.* 2021 Jun 25;11:e2021282. PMID: 34249789;
271. Purohit G, Sable M, Rudramurthy SM, et. al. A rare case of conidiobolomycosis due to *Conidiobolus coronatus* presenting with dysphagia. *Indian J Med Microbiol.* 2021 Apr 20:S0255-0857(21)00052-9. doi: 10.1016/j.ijmmb.2021.03.022. Epub ahead of print. PMID: 33892974.
272. Pradhan P, Preetam C, Parida PK, Samal DK. Changing trend in the management of head neck cancers during the COVID-19 pandemic. *Eur Arch Otorhinolaryngol.* 2022 Mar;279(3):1453-1460. Epub 2021 Jun 13. PMID: 34120204.
273. Pradhan P, Mishra AK, Mittal Y, Nayak A, Preetam C, Sarkar S, Samal DK, Parida PK. Tracheostomy in the COVID19 Patients: Our Experience in 12 Cases. *Indian J Otolaryngol Head Neck Surg.* 2021 Jan 12:1-5. Epub ahead of print. PMID: 33457312
274. Pradhan S, Chappity P, Nayak A, Pradhan P, Parida PK. Exclusive endoscopic transcanal approach to lateral skull base lesions: Institutional experience of 3 cases. *J Otol.* 2021 Jan;16(1):55-60. Epub 2020 Sep 4. PMID: 33505451
275. Tripathy S, Varghese P, Sethy SS, Agrawal K. Safe surgical hip dislocation for acetabular osteoid osteoma excision. *BMJ Case Rep.* 2022 Feb 28;15(2):e246025. PMID: 35228220
276. Patro PSS, Patra S, Kumar R, Agrawal K, Parida GK. Assessment of Treatment Response by Bone SPECT-CT in a Case of Dermatomyositis with Calcinosis Cutis. *Indian J Nucl Med.* 2022 Jan-Mar;37(1):71-73. PMID: 35478689
277. Patro PSS, Patra S, Kumar R, Agrawal K, Parida GK. Assessment of Treatment Response by Bone SPECT-CT in a Case of Dermatomyositis with Calcinosis Cutis. *Indian J Nucl Med.* 2022 Jan-Mar;37(1):71-73. PMID: 35478689
278. Patro PS, Agrawal K, Parida GK, Parida DK. Uptake of bone seeking radiotracer in the metastatic lymph node from testicular tumour. *BMJ Case Rep.* 2022 Jan 17;15(1):e245002. PMID: 35039343
279. Parida GK, Panda RA, Agrawal K. Impact of fluorine-18-fluorodeoxyglucose PET/computed tomography in staging of patients with gallbladder cancer: a systematic review and meta-analysis. *Nucl Med Commun.* 2021 Aug 1;42(8):846-854. PMID: 33741859.
280. Meher BR, Agrawal K, Gnanasegaran G. Review of Adverse Reactions Associated with the Use of Common Diagnostic Radiopharmaceuticals. *Indian J Nucl Med.* 2021 Apr-Jun;36(2):163-167. PMID: 34385787
281. Agrawal K, Swaroop S, Patro PSS, Tripathy SK, Naik S, Velagada S. Comparison of bone SPECT/CT and MRI in detection of pain generator in ankle and foot pain: a retrospective diagnostic study. *Nucl Med Commun.* 2021 Oct 1;42(10):1085-1096. PMID: 34075007.
282. Agrawal K, Patro PSS, Meher BR, Gnanasegaran G. Prevalence of Marine-Lenhart syndrome on 99mTc-thyroid scintigraphy and response to radioiodine: A single institutional retrospective study. *World J Nucl Med.* 2021 Sep 22;20(4):369-373. PMID: 35018152

283. Agrawal K, Patro PS, Pradhan P, Parida PK. Management of Ectopic Thyroid in Head and Neck: Study of 8 Cases. *Iran J Otorhinolaryngol.* 2021 Jul;33(117):223-228. PMID: 34395322
284. Agrawal K, Padhy BM, Meher BR, Mohanty RR. Diagnostic utility of Ga-68 DOTA-SSTR and F-18 FDG PET/CT in the detection of culprit tumours causing osteomalacia: a systematic review and meta-analysis. *Nucl Med Commun.* 2021 Jun 1;42(6):646-655. PMID: 33625187
285. Krishna VB, Barhate UH, Nayyer N, Jena AK, Sharan J. Possible ambiguities regarding blinding, mean change/month, canine retraction and (i-)PRF use. *J Orofac Orthop* 2021; 82(4):278-279. PMID: 33954818
286. Anusuya V, Sharan J, Jena AK. Morphometric Characteristics of Cervical Vertebrae in Subjects with Short, Normal and Long Faces. *Surg Radiol Anat* 2021;43(6):865-872. PMID: 33128647
287. Dasukil S, Verma S, Boyina KK, Jena AK. Unpredicted Bilateral Device Breakage during Active Phase of Mandibular Distraction: A Case Report and Literature Review. *J Stomatol Oral Maxillofac Surg* 2021;122(3):319-324. PMID: 32911101
288. Misra S, Behera BK, Sahoo AK. Effect of 6% hydroxyethyl starch pre-administration for reduction of pain on propofol injection: A placebo-controlled randomised study. *Indian J Anaesth.* 2022;66(2):107-111. PMID: 35359480.
289. Misra S, Tapuria P, Sathia S, Mahapatra RP. A Mass in the Left Ventricular Outflow Tract After Mitral Valve Replacement. *J Cardiothorac Vasc Anesth.* 2022;36(1):340-342. PMID: 34130899.
290. Behera BK, Misra S, Jena SS, Mohanty CR. The effect of perioperative dexmedetomidine on postoperative bowel function recovery in adult patients receiving general anesthesia. *Minerva Anesthesiol.* 2022;88(1-2):51-61. PMID: 34527407.
291. Behera SHP, Misra S, Behera BK. Influence of 3% Hypertonic Saline Versus 0.9% Saline on Intraoperative Maintenance Fluid Requirements in Adult Patients Undergoing Major Open Abdominal Surgeries: Randomized Controlled Study. *World J Surg.* 2022;46(6):1344-1350. PMID: 35192016.
292. Behera BK, Misra S, Sarkar S, Mishra N. A systematic review and meta-analysis of efficacy of ultrasound-guided single-shot quadratus lumborum block for postoperative analgesia in adults following total hip arthroplasty. *Pain Med.* 2022 ;23(6):1047-1058. PMID: 34983054.
293. Behera BK, Misra S, Jena S, Mohanty CR. The effect of perioperative dexmedetomidine on postoperative bowel function recovery in adult patients receiving general anaesthesia: A systematic review and meta-analysis of randomised controlled trial. *Minerva Anesthesiol* 2022;88(1-2):51-61. PMID: 34527407.
294. Lele AV, Wahlster S, Alunpipachathai B, Gebrewold MA, Chou SHY, Crabtree G, et al. Perceptions Regarding the SARS-CoV-2 Pandemic's Impact on Neurocritical Care Delivery: Results From a Global Survey. *J Neurosurg Anesthesiol.* 2022;34(2):209. PMID: 34882104
295. HN LK, Tripathy S, Das PK. Central Venous-to-Arterial CO₂ Difference-Assisted Goal-Directed Hemodynamic Management During Major Surgery—A Randomized Controlled Trial. *Anesthesia & Analgesia.* 2022;10–1213. PMID: 35027515
296. Misra S, Awal S. Does erector spinae plane block result in improved postoperative analgesia and enhanced recovery in adult patients after cardiac surgery? *Interact Cardiovasc Thorac Surg.* 2021;32(6):873-877. PMID: 33693671.
297. Behera BK, Misra S, Mohanty MK, Srinivasan A. Effect of intra-operative high inspired fraction of oxygen on postoperative nausea and vomiting in children undergoing surgery: A prospective randomised double-blind study. *Eur J Anaesthesiol.* 2021;38(11):1124-1129. PMID: 34313610
298. Misra S, Mohanty S, Sathia S, Mahapatra RP, Tapuria P. Diagnosis of absent right superior vena cava with intraoperative transesophageal echocardiography in a child with Holt-Oram syndrome: Anesthetic and perfusion implications. *Ann Card Anaesth.* 2021;24(3):358-361. PMID: 34269268
299. Misra S, Behera BK, Mitra JK, Sahoo AK, Jena SS, Srinivasan A. Effect of preoperative dexmedetomidine nebulization on the hemodynamic response to laryngoscopy and intubation: a randomized control trial. *Korean J Anesthesiol.* 2021;74(2):150-157. PMID: 32434291.
300. Misra S, Behera BK, Preetam C, Mohanty S, Mahapatra RP, Tapuria P, Elayat A, Nayak A, Kotkar K, McNeil JS, Blank RS. Peripheral Cardiopulmonary Bypass in Two Patients With Symptomatic Tracheal Masses: Perioperative Challenges. *J Cardiothorac Vasc Anesth.* 2021;35(5):1524-1533. PMID: 33339662.
301. Misra S, Srinivasan A, Jena SS, Bellapukonda S. Myocardial Protection in Adult Cardiac Surgery With del Nido Versus Blood Cardioplegia: A Systematic Review and Meta-Analysis. *Heart Lung Circ.* 2021;30(5):642-655. PMID: 33281072.

302. Misra S, Behera BK, Das PK. Comparison of four different methods of nasogastric tube insertion with double-lumen tracheal tube in situ: A randomised clinical trial. *Eur J Anaesthesiol.* 2021;38(12):1297-1299. PMID: 34735399.
303. Behera BK, Misra S, Mohanty MK, Ananda S. Effect of intraoperative high inspired fraction of oxygen on postoperative nausea and vomiting in children undergoing surgery: a prospective randomised double-blind study. *Eur J Anaesthesiol.* 2021;38(11):1124-1129. PMID: 34313610.
304. Nayak BM, Misra S, Mitra JK, Sahoo AK. Effect of preoperative subanaesthetic ketamine on postoperative pain in women undergoing modified radical mastectomy: A randomised control trial. *Eur J Anaesthesiol.* 2021;38(5):556-8. PMID 33821837
305. Mishra N, Singh N. Fracture of the insertion cannula during retrograde intubation: a rare complication. *J Dent Anesth Pain Med.* 2021;21(4):377-378. PMID: 34395906
306. Tripathy S, Kar N, Acharya SP, Singh SK. ICU Memories and Patient Outcomes in a Low Middle-Income Country: A Longitudinal Cohort Study. *Crit Care Med.* 2021;49(10):e978-e988. PMID: 33938712.
307. Myatra SN, Tripathy S, Einav S. Global health inequality and women - beyond maternal health. *Anaesthesia.* 2021;76 Suppl 4:6-9. PMID: 33682098
308. Tripathy S, Rao PB. Epidural morphine in COVID ARDS patients with high respiratory drive: a structured summary of a study protocol for a randomised controlled trial. *Trials.* 2021;22(1):632. PMID: 34530881;
309. Tripathy S. Acute Kidney Injury in the Intensive Care Unit: The Most Reliable Way to Predict the Future is to Create It. *Indian J Crit Care Med.* 2021;25(7):747-749. PMID: 34316165
310. Tripathy S, Vijayaraghavan BK, Panigrahi MK, Shetty AP, Haniffa R, Mishra RC, Beane A. Collateral Impact of the COVID-19 Pandemic on Acute Care of Non-COVID Patients: An Internet-based Survey of Critical Care and Emergency Personnel. *Indian J Crit Care Med.* 2021;25(4):374-381. PMID: 34045802
311. Sahoo M, Tripathy S, Mishra N. Is there an optimal place to hold the endotracheal tube during direct laryngoscopy for patients undergoing surgery under general anesthesia? Protocol for a randomized controlled trial. *Trials.* 2021;22(1):684. PMID: 34625111
312. Jagiasi B, Tripathy S et al. Variation in therapeutic strategies for the management of severe COVID-19 in India: A nationwide cross- sectional survey. *Int J Clin Pract.* 2021;75(10):e14574. PMID: 34171154
313. Singh S, Mohanty RR. Vasculotoxic snakebite envenomation: Management challenges in pregnancy. *Obstet Med.* 2021 Sep;14(3):190-192. PMID: 34646350
314. Singh S, Rout PK, Ayyanar P. Catch Me While You Scan: Primary Ovarian Pregnancy. *J Hum Reprod Sci.* 2021 Apr-Jun;14(2):200-202. PMID: 34316238
315. Singh S, Sasmal PK, Nagarajan K. CT Imaging in Predicting Ovarian Torsion: Report of Two Cases, With and Without Infarction. *Cureus.* 2021 Aug 11;13(8):e17082. PMID: 34527469
316. Mitra S, Patil M, Patil M, Nayak PK. Pre ovulatory hormones on day of human chorionic gonadotropin trigger and assisted reproductive technique outcomes in different ovarian response groups. *J Hum Reprod Sci.* 2021 Oct-Dec;14(4):406-414. PMID: 35197687
317. Mitra S, Saharia GK, Jena SK. Correlation between serum AMH levels and cardiometabolic indices in PCOS women. *Indian J Endocrinol Metab.* 2021 Nov-Dec;25(6):545-550. PMID: 35355916
318. Begum J, Kumari S, Ali M, Kumar Jena S, Behera K, Mishra P. A Misleading Presentation of Pheochromocytoma in Pregnancy: A Case Report. *Medeni Med J.* 2021;36(1):69-74. PMID: 33828893
319. Hansadah S, Begum J, Kumar P, Singh S, Balakrishnan D, Kundu A. Umbilical Hernia as Forerunner of Primary Umbilical Endometriosis: A Case Report. *Medeni Med J.* 2021 Apr;36(4):348-351. PMID: 34939402
320. Ayyanar P, Begum J, Rout S, Mishra P. Synchronous colonic adenocarcinoma and well-differentiated neuroendocrine tumor arising in a mature cystic teratoma of ovary - rare presentation in a postmenopausal woman with literature review. *Indian J Pathol Microbiol.* 2021 Apr-Jun;64(2):385-389. doi: 10.4103/IJPM.IJPM_41_20. PMID: 33851642.
321. Verma N, Maiti R, Mishra BR, Jha M, Jena M, Mishra A. Effect of add-on melatonin on seizure outcome, neuronal damage, oxidative stress, and quality of life in generalized epilepsy with generalized onset motor seizures in adults: A randomized controlled trial. *J Neurosci Res.* 2021;99(6):1618-1631. PMID: 33641195.
322. Mishra A, Maiti R, Mishra BR, Jena M. Comparative efficacy and safety of pharmacological interventions for smoking cessation in healthy adults: A network meta-analysis. *Pharmacol Res.* 2021; 166: 105478. PMID: 33549729

323. Srinivasan A, Dutta P, Bansal D, Chakrabarti A, Bhansali AK, Hota D. Efficacy and safety of low-dose naltrexone in painful diabetic neuropathy: A randomized, double-blind, active-control, crossover clinical trial. *J Diabetes* 2021; 13(10): 770-8. PMID: 34014028
324. Sethuramalingam S, Maiti R, Hota D, Srinivasan A. Effect of Colchicine in Reducing Inflammatory Biomarkers and Cardiovascular Risk in Coronary Artery Disease: A Meta-analysis of Clinical Trials. *Am J Ther.* 2021 Jul 8. PMID: 34264887.
325. Meher BR, Agrawal K, Gnanasegaran G. Review of Adverse Reactions Associated with the Use of Common Diagnostic Radiopharmaceuticals. *Indian J Nucl Med.* 2021 Apr-Jun;36(2):163-167. PMID: 34385787
326. Maiti R, Mishra A, Puliappadamb HM, Jena M, Srinivasan A. Efficacy and Safety of Lasmiditan for Acute Treatment of Migraine in Adults: A Meta-Analysis. *J Clin Pharmacol.* 2021;61(12):1534-1544. PMID: 34472095.
327. Maiti R, Mishra A, Mishra BR, Jena M. Comparative efficacy of mitochondrial agents for bipolar disorder during depressive episodes: a network meta-analysis using frequentist and Bayesian approaches. *Psychopharmacology (Berl).* 2021;238(12):3347-3356. PMID: 34751803.
328. Seetharam JC, Maiti R, Mishra A, Mishra BR. Efficacy and safety of add-on sodium benzoate, a D-amino acid oxidase inhibitor, in treatment of schizophrenia: A systematic review and meta-analysis. *Asian J Psychiatr.* 2022; 68: 102947. PMID: 34890931.
329. Meher BR, Mohanty RR, Sahoo JP, Jena M, Srinivasan A, Padhy BM. Comparative Study of the Effects of Azilsartan and Telmisartan on Insulin Resistance and Metabolic Biomarkers in Essential Hypertension Associated with Type 2 Diabetes Mellitus. *Cureus.* 2022;14(2): e22301. PMID: 35350513
330. Meher BR, Mohanty RR, Padhy BM. Efficacy and safety of abrocitinib for the treatment of moderate-to-severe atopic dermatitis: a meta-analysis of randomized clinical trials. *J Dermatolog Treat.* 2021 PMID: 34315323.
331. Meher BR, Mohanty RR. Identifying barriers to report adverse drug reactions using the Delphi method: Experience from an institute of national importance of India. *Perspect Clin Res.* 2022 Jan-Mar;13(1):58-59. PMID: 35198431
332. Bhoi SK, Jha M, Chowdhury D. Advances in the Understanding of Pathophysiology of TTH and its Management. *Neurol India.* 2021;69 (Supplement):S116-S123. PMID: 34003157.
333. Kalita J, Rahi SK, Kumar S, Naik S, Bhoi SK, Misra UK. A Study of Diffusion Tensor Imaging in Hirayama Disease. *Neurol India.* 2021;69(4):889-893. PMID: 34507407.
334. Bhoi SK, Naik S, Purkait S. Pure Neuritic Leprosy with Bilateral Foot Drop and Central Nervous Involvement: A Clinical, Electrophysiological, and MR Correlation. *Neurol India.* 2021 Sep-Oct;69(5):1349-1353. PMID: 34747810.
335. Pandian JD, Verma SJ, Arora D, Sharma M, Dhaliwal R et al. INSTRuCT: Protocol, Infrastructure, and Governance. *Stroke.* 2021 Oct;52(10):e574-e580. Epub 2021 Jun 25. PMID: 34167324.
336. Bhoi SK, Jha M, Chowdhury D. Advances in the Understanding of Pathophysiology of TTH and its Management. *Neurol India.* 2021;69(Supplement):S116-S123. PMID: 34003157.
337. Garg D, Dhamija RK, Choudhary A, Shree R, Kumar S, Samal P, et al; GBS consortium. Impact of the COVID-19 Pandemic on the Frequency, Clinical Spectrum and Outcomes of Pediatric Guillain-Barré Syndrome in India: A Multicentric Ambispective Cohort Study. *Ann Indian Acad Neurol.* 2022 Jan-Feb;25(1):60-67. PMID: 35342256
338. Bhoi SK, Naik S, Gupta D, Pradhan PK, Kalita J, Misra UK. Recurrent Spontaneous Cerebrospinal Fluid Leaks at Multiple Levels. *Neurol India.* 2021 Nov-Dec;69(6):1828-1830. PMID: 34979700.
339. Bhoi SK, Jha M, Naik S, Bag A, Jaiswal B, Kumar R. Atypical Presentation of Anti-MOG Ab Disease. *Kans J Med.* 2021 Dec 2;14:310-313. PMID: 34888005.
340. Katoch O, Katyal S, Srivastav S, Rodrigues C, Rupali P, Chakrabarti A, Ray P, Tak V, Biswal M, Nath R, Mukhopadhyay C, Bhattacharya S, Padmaja K, Deotale V, Venkatesh V, Wattal C, Ma T, Nag VL, Ray R, Behera B, Baveja S, Karuna T, Singh SK, Fomda B, Devi SK, Das P, Khandelwal N, Verma P, Gaiind R, Bhattacharyya P, Kumar P, Srivastava A, Iravane J, Majumdar T, Sharma R, Sankara D, Kalwaje Eshwara V, Varma M, Nazir S, Tripathy S, Mishra S, Dey A, Thangavelu P, Kapoor L, Malhotra R, Walia K, Guleria R, Mathur P. Self-reported survey on infection prevention and control structures in healthcare facilities part of a national level healthcare associated infection surveillance network in India, 2019. *Am J Infect Control.* 2021 Sep 30:S0196-6553(21)00619-2. doi: 10.1016/j.ajic.2021.09.019. Epub ahead of print. PMID: 34600081.
341. Mohanty RR, Das S, Padhy BM, Meher BR. Comparison of Clinical Outcome between Dexamethasone and Methyl Prednisolone in Treatment of Moderate to Severe COVID-19: A Systematic Review and Meta-Analysis. *J Assoc*

Physicians India. 2022 Jan;70(1):11-12. PMID: 35062806

342. Mohanty RR, Biswa Mohan Padhy, Meher BR. Effectiveness of pulse dose methyl prednisolone in management of COVID 19: A systematic review and meta-analysis of observational studies. *J Pharm Pharm Sci.* 2022;25:110-123. doi: 10.18433/jpps32430. PMID: 35364003
343. Pamecha V, Pattnaik B, Sinha PK, Patil NS, Sasturkar SV, Mohapatra N, Kumar G, Choudhury A, Sarin SK. Early Allograft Dysfunction After Live Donor Liver Transplantation: It's Time to Redefine? *J Clin Exp Hepatol.* 2022 Jan-Feb;12(1):101-109. PMID: 35068790; PMCID: PMC8766541.
344. Dutta T, Pattnaik B, Nayak HK, Mahakud S, Tripathy T, Panigrahi C, Patra S. Retropancreatic ancient schwannoma: a great mimicker of malignant cystic neoplasm. *ANZ J Surg.* 2022 Feb 2. PMID: 35107875
345. Nayak HK, Pattnaik B, Mohakud S, Mitra JK, Krishna EV, Sethi S, Samal SC. Rescue Devascularization in Coronavirus Disease 19 (COVID-19) Induced Early Shunt Thrombosis After Emergency Proximal Spleno-renal Shunt for Extrahepatic Portal Vein Obstruction. *J Clin Exp Hepatol.* 2022 Mar-Apr;12(2):721-722. PMID: 34226804; PMCID: PMC8241577
346. Nayak HK, Pattnaik B, Patra S, Panigrahi C, Kumar C, Dutta T, Panigrahi MK, Chandra Samal S. Pancreatic Castleman's disease: Ring of fire sign and endoscopic ultrasonography guided fine-needle biopsy helps preoperative diagnosis. *Pancreatology.* 2022 Apr;22(3):443-445. PMID: 35307292
347. Nayak HK, Pattnaik B, Mohakud S, Mitra JK, Krishna EV, Sethi S, Samal SC. Rescue devascularization in COVID-19 induced early shunt thrombosis after emergency proximal spleno-renal shunt for extrahepatic portal vein obstruction. *J Clin Exp Hepatol.* 2021 Jun 30. PMID: 34226804; PMCID: PMC8241577.
348. Behera A, Tandup C, Sahu SK, Kaman L, Savlania A, Naik AL, Talukder S, Singh B, Pattnaik B, Ramavath K. Demographic Patterns, Risk Factors, and Outcomes of Abdominal Aortic Aneurysms in Young Adults ≤ 55 Years: An Experience in a Tertiary Care Centre of India. *Cureus.* 2021 Aug 22;13(8). PMCID: PMC8456128.
349. Pamecha V, Pattnaik B, Sinha PK, Patil NS, Mohapatra N, Sasturkar SV, Sundararajan VB, Thapar S, Sindwani G, Arora MK. Single Orifice Outflow Reconstruction: Refining the Venous Outflow in Modified Right Lobe Live Donor Liver Transplantation. *J Gastrointest Surg.* 2021 Aug;25(8):1962-1972. PMID: 32808136
350. Pattnaik B, Mahakud S, Behera BK, Krishna EV, Dutta T, Nayak HK, Samal SC. Laparoscopic management of hemosuccus pancreaticus from the left gastric artery pseudoaneurysm secondary to traumatic pancreatitis and open splenectomy. *ANZ J Surg.* 2021 Sep 22. PMID: 34550629.
351. Nayak HK, Pattnaik B, Patra S, et al. Pancreatic Castleman's disease: Ring of fire sign and endoscopic ultrasonography guided fine-needle biopsy helps preoperative diagnosis. *Pancreatology.* 2022 Apr;22(3):443-445. PMID: 35307292.
352. Mohakud S, Sidhu S, Deep N, Naik S. Panorama of multidetector-row computed tomography findings of carcinoma gall bladder - A retrospective observational study. *J Cancer Res Ther.* 2022 Apr-Jun;18(3):661-7. PMID: 35900538.
353. Mohakud S, Tripathy S, Bag ND, Mishra N. Multidisciplinary management of solitary hypervascular metastatic recurrence of renal cell carcinoma presenting with pathological femoral fracture. *BMJ Case Rep.* 2021 Nov 9;14(11):e245422. PMID: 34753726; PMCID: PMC8578956.
354. Subba SH, Parida SP, Sahu DP, Kumari J. Knowledge and attitude towards, and the utilisation of cervical and breast cancer screening services by female healthcare professionals at a tertiary care hospital of Eastern India: A cross-sectional study. *Niger Postgrad Med J.* 2022 Jan-Mar;29(1):63-69. PMID: 35102952
355. Aricatt PD, Ashraf SM, Subramanyamet K, Avadhani R, Ezhilan J, Subba SH, et al., Pitfalls in comparison of coronary artery measurements of Indian population with different geographical area studies, *Indian Heart Journal*, 15th Apr 2021 PMID: 34154754
356. Krishnan A, AMarand R, Tarik M, Salve HR, Raghav P, Patro BK, Rajkumar P, Sekhawat K, Joshi P, Mathur P, Tullu F, Ramakrishnan L. Performance of equations for estimation of 24-hour urinary sodium from morning fasting urine samples in a multisite study in India. *Natl Med J India.* 2022 Jan-Feb;35(1):4-10 Sahu DP, Subba SH, Giri PP. Cancer awareness and attitude towards cancer screening in India: A narrative review. *J Family Med Prim Care* 2020; 9:2214-8. PMID: 3275447
357. yani G, Sharma A, Prinjsa S, Kar SS, Trivedi M, Patro BK, Goyal A, Purba FD, Finch AP, Rajsekar K, Raman S, Stolk E, Kaur M. Development of an EQ-5D Value Set for India Using an Extended Design (DEVINE) Study: The Indian 5-Level Version EQ-5D Value Set. *Value Health.* 2022 Jul;25(7):1218-1226. doi: 10.1016/j.jval.2021.11.1370. Epub 2022 Jan 5. PMID: 35779943.
358. Kiran T, Junaid KP, Sharma D, Jain L, Vij J, Satapathy P, Chakrapani V, Patro BK, Kar SS, Singh R, Pala S, Bali S, Rustagi

- N, Goel K, Sankhe L, Modi B, Gupta M, Aggarwal AK, Rajagopal V, Padhi BK. Sociodemographic Determinants of Willingness and Extent to Pay for COVID-19 Vaccine in India. *Front Public Health*. 2022 Jun 6;10:870880. doi: 10.3389/fpubh.2022.870880. PMID: 35734756; PMCID: PMC9207713.
359. Padhi BK, Satapathy P, Rajagopal V, Rustagi N, Vij J, Jain L, Chakrapani V, Patro BK, Kar SS, Singh R, Pala S, Sankhe L, Modi B, Bali S, Kiran T, Goel K, Aggarwal AK, Gupta M. Parents' Perceptions and Intention to Vaccinate Their Children Against COVID-19: Results From a Cross-Sectional National Survey in India. *Front Med (Lausanne)*. 2022 May 18;9:806702. doi: 10.3389/fmed.2022.806702. PMID: 35665354; PMCID: PMC9159272.
 360. Behera P, Singh AK, Subba SH, Mc A, Sahu DP, Chandanshive PD, Pradhan SK, Parida SP, Mishra A, Patro BK, Batmanabane G. Effectiveness of COVID-19 vaccine (Covaxin) against breakthrough SARS-CoV-2 infection in India. *Hum Vaccin Immunother*. 2022 Dec 31;18(1):2034456. doi: 10.1080/21645515.2022.2034456. Epub 2022 Mar 23. PMID: 35321625; PMCID: PMC9009960.
 361. Patro BK, Taywade M, Mohapatra D, Mohanty RR, Behera KK, Sahoo SS. Cost of Ambulatory Care in Diabetes: Findings From a Non-Communicable Disease Clinic of a Tertiary Care Institute in Eastern India. *Cureus*. 2022 Jan 13;14(1):e21206. doi: 10.7759/cureus.21206. PMID: 35165639; PMCID: PMC8840803.
 362. Parida SP, Sahu DP, Singh AK, Alekhya G, Subba SH, Mishra A, Padhy BM, Patro BK. Adverse events following immunization of COVID-19 (Covaxin) vaccine at a tertiary care center of India. *J Med Virol*. 2022 Jun;94(6):2453-2459. doi: 10.1002/jmv.27655. Epub 2022 Feb 21. PMID: 35149993; PMCID: PMC9088522.
 363. Jyothi CCX, Bandyopadhyay D, Sahu S, Patro BK, Nayak S. Correlation of Serum Retinol and Atherogenic Indices in Type 2 Diabetes Mellitus: A Case-Control Study. *Indian J Clin Biochem*. 2022 Jan;37(1):100-106. doi: 10.1007/s12291-020-00951-0. Epub 2021 Jan 20. PMID: 35125699; PMCID: PMC8799824.
 364. Patra S, Patro BK, Padhy SK, Mantri J. Prevalence of diabetes distress and its relationship with self-management in patients with type 2 diabetes mellitus. *Ind Psychiatry J*. 2021 Jul-Dec;30(2):234-239. doi: 10.4103/ipj.ipj_60_19. Epub 2021 Sep 24. PMID: 35017806; PMCID: PMC8709516.
 365. Jain L, Vij J, Satapathy P, Chakrapani V, Patro B, Kar SS, Singh R, Pala S, Sankhe L, Modi B, Bali S, Rustagi N, Rajagopal V, Kiran T, Goel K, Aggarwal AK, Gupta M, Padhi BK. Factors Influencing COVID-19 Vaccination Intentions Among College Students: A Cross-Sectional Study in India. *Front Public Health*. 2021 Dec 15;9:735902. doi: 10.3389/fpubh.2021.735902. PMID: 34976911; PMCID: PMC8714761.
 366. Mishra B, Behera B, Singh AK, Mohapatra PR, Patro BK, Panigrahi MK, Pillai JSK, Barik S, Mahapatra A, Mohanty S, Hallur V, Gupta K, Batmanabane G. Seroprevalence of SARS-CoV-2 antibodies among healthcare workers in a teaching hospital in Eastern India. *J Family Med Prim Care*. 2021 Aug;10(8):2974-2979. doi: 10.4103/jfmprc.jfmprc_2486_20. Epub 2021 Aug 27. PMID: 34660434; PMCID: PMC8483124.
 367. Pradhan SK, Sahu DP, Sahoo DP, Singh AK, Patro BK, Mohanty S. Experience from a COVID-19 screening centre of a tertiary care institution: A retrospective hospital-based study. *J Family Med Prim Care*. 2021 Aug;10(8):2933-2939. doi: 10.4103/jfmprc.jfmprc_2339_20. Epub 2021 Aug 27. PMID: 34660427; PMCID: PMC8483098.
 368. Sahoo DP, Singh AK, Sahu DP, Pradhan SK, Patro BK, Batmanabane G, Mishra B, Behera B, Das A, Dora GS, Anand L, Azhar SM, Nair J, Panigrahi S, Akshaya R, Sahoo BK, Sahu S, Sahoo S. Hospital-Based Contact Tracing of Patients With COVID-19 and Health Care Workers During the COVID-19 Pandemic in Eastern India: Cross-sectional Study. *JMIR Form Res*. 2021 Oct 21;5(10):e28519. doi: 10.2196/28519. PMID: 34596569; PMCID: PMC8534486.
 369. Taywade M, Panda PS, Sirka CS, Patro BK. Neonatal dermatitis neglecta---Neglect by health system: A case report. *J Family Med Prim Care*. 2021 Jul;10(7):2718-2719. doi: 10.4103/jfmprc.jfmprc_2442_20. Epub 2021 Jul 30. PMID: 34568163; PMCID: PMC8415667.
 370. Behera P, Patro BK, Padhy BM, Mohapatra PR, Bal SK, Chandanshive PD, Mohanty RR, Ravikumar SR, Singh A, Singh SR, Pentapati SSK, Nair J, Batmanabane G. Prophylactic Role of Ivermectin in Severe Acute Respiratory Syndrome Coronavirus 2 Infection Among Healthcare Workers. *Cureus*. 2021 Aug 5;13(8):e16897. doi: 10.7759/cureus.16897. PMID: 34513470; PMCID: PMC8417612.
 371. Krishnan A, Mathur P, Kulothungan V, Salve HR, Leburu S, AMarand R, Nongkynrih B, Chaturvedi HK, Ganeshkumar P, K S VU, Laxmaiah A, Boruah M, Kumar S, Patro BK, Raghav PR, Rajkumar P, Sarma PS, Sharma R, Tambe M, Arlappa N, Mahanta TG, Bhuyan PJ, Joshi RP, Pakhare AP, Galhotra A, Kumar D, Behera BK, Topno RK, Gupta MK, Rustagi N, Trivedi AV, Thankappan KR, Gupta S, Garg S, Shelke SC; ICMR-NNMS investigator group; Co-investigators; Collaborators. Preparedness of primary and secondary health facilities in India to address major noncommunicable diseases: results of a National Noncommunicable Disease Monitoring Survey (NNMS). *BMC Health Serv Res*. 2021 Jul 31;21(1):757. doi: 10.1186/s12913-021-06530-0. PMID: 34332569; PMCID: PMC8325187.

372. Patra S, Patro BK, Parmar A. Psychiatry as a major subject in undergraduate training: A step in the right direction. *Indian J Psychiatry*. 2021 May-Jun;63(3):313-314. doi: 10.4103/indianjpsychiatry.indianjpsychiatry_1423_20. Epub 2021 Jun 17. PMID: 34211236; PMCID: PMC8221210.
373. Mathur P, Kulothungan V, Leburu S, Krishnan A, Chaturvedi HK, Salve HR, AMarand R, Nongkynrih B, Ganeshkumar P, Urs K S V, Laxmaiah A, Boruah M, Kumar S, Patro BK, Raghav PR, Rajkumar P, Sarma PS, Sharma R, Tambe M, Arlappa N, Mahanta TG, Bhuyan PJ, Joshi RP, Pakhare A, Galhotra A, Kumar D, Behera BK, Topno RK, Gupta MK, Rustagi N, Trivedi AV, Thankappan KR, Gupta S, Garg S, Shelke SC; ICMR-NNMS investigator group. Baseline risk factor prevalence among adolescents aged 15-17 years old: findings from National Non-communicable Disease Monitoring Survey (NNMS) of India. *BMJ Open*. 2021 Jun 29;11(6):e044066. doi: 10.1136/bmjopen-2020-044066. PMID: 34187814; PMCID: PMC8245441.
374. Parida SP, Gajjala A, Giri PP. Empowering adolescent girls, is sexual and reproductive health education a solution? *J Family Med Prim Care*. 2021 Jan;10(1):66-71. doi: 10.4103/jfmpc.jfmpc_1513_20. Epub 2021 Jan 30. PMID: 34017705; PMCID: PMC8132820.
375. Bhatia V, Parida SP, Chandanshive PD. Sociodemographic correlates of abnormal blood profile in tribal districts of Eastern India. *J Family Med Prim Care*. 2021 Aug;10(8):2822-2828. doi: 10.4103/jfmpc.jfmpc_2287_20. Epub 2021 Aug 27. PMID: 34660412; PMCID: PMC8483094
376. Barik SK, Behera BK, Majumdar SK, Parida DK. How prepared the radiotherapy centers are to deal with COVID-19 pandemic? A nationwide survey from 46 cancer centers across India. *J Can Res Ther* 2022;18:245-8. PMID: 35381791
377. Dora S, Bhatia V, Behera BK, Satapathy AK. Capacity Building of Frontline Workers for Detection of Children (0-6 Years) with Developmental Delays in a Rural Setting: A Cluster-Randomized Trial. *Indian J Pediatr*. 2021 Nov 10. PMID: 34757573
378. Krishnan A, Mathur P, Kulothungan V, Salve HR, Leburu S, AMarand R, Nongkynrih B, Chaturvedi HK, Ganeshkumar P, K S VU, Laxmaiah A, Boruah M, Kumar S, Patro BK, Raghav PR, Rajkumar P, Sarma PS, Sharma R, Tambe M, Arlappa N, Mahanta TG, Bhuyan PJ, Joshi RP, Pakhare AP, Galhotra A, Kumar D, Behera BK, Topno RK, Gupta MK, Rustagi N, Trivedi AV, Thankappan KR, Gupta S, Garg S, Shelke SC; ICMR-NNMS investigator group; Co-investigators; Collaborators. Preparedness of primary and secondary health facilities in India to address major noncommunicable diseases: results of a National Noncommunicable Disease Monitoring Survey (NNMS). *BMC Health Serv Res*. 2021 Jul 31;21(1):757. doi: 10.1186/s12913-021-06530-0. PMID: 34332569; PMCID: PMC8325187
379. Mathur P, Kulothungan V, Leburu S, Krishnan A, Chaturvedi HK, Salve HR, AMarand R, Nongkynrih B, Ganeshkumar P, Urs K S V, Laxmaiah A, Boruah M, Kumar S, Patro BK, Raghav PR, Rajkumar P, Sarma PS, Sharma R, Tambe M, Arlappa N, Mahanta TG, Bhuyan PJ, Joshi RP, Pakhare A, Galhotra A, Kumar D, Behera BK, Topno RK, Gupta MK, Rustagi N, Trivedi AV, Thankappan KR, Gupta S, Garg S, Shelke SC; ICMR-NNMS investigator group. Baseline risk factor prevalence among adolescents aged 15-17 years old: findings from National Non-communicable Disease Monitoring Survey (NNMS) of India. *BMJ Open*. 2021 Jun 29;11(6):e044066. doi: 10.1136/bmjopen-2020-044066. PMID: 34187814; PMCID: PMC8245441.
380. Sarkar S, Mishra P, Nayak A. Online open-book examination of undergraduate medical students - a pilot study of a novel assessment method used during the coronavirus disease 2019 pandemic. *J Laryngol Otol*. 2021 Apr;135(4):288-292. PMID: 33413724.
381. Halder A, Rajan Gaikwad M, Patra A, Bhattacharya SC. Cytological, histochemical, and ultrastructural study of human foetal liver of various gestation with future implications in segmental resection: an anatomical perspective. *Anat Cell Biol*. 2022 Mar 31; 55(1):92-99. PMID: 34759067; PMCID: PMC8968233.
382. Banik S, Mohakud S, Sahoo S, Tripathy PR, Sidhu S, Gaikwad MR. Comparative Morphometry of the Sacrum and Its Clinical Implications: A Retrospective Study of Osteometry in Dry Bones and CT Scan Images in Patients Presenting With Lumbosacral Pathologies. *Cureus*. 2022 Feb 16; 14(2):e22306. PMID: 35350522; PMCID: PMC8933651
383. Halder A, Gaikwad M, Patra A, Chakraborty S. Cytological, Histochemical, and Ultrastructural Study of the Human Fetal Spleen of Various Gestational Age With Future Implications in Splenic Transplantation: An Anatomical Perspective. *Cureus*. 2021 Oct 19; 13(10):e18911. PMID: 34820226; PMCID: PMC8602882.
384. Kar A, Gaikwad M, Patnaik M. A Rare Occurrence of Multiple Intracranial Osteomas in the Cranial Cavity of a Cadaver with a Short Review on Subdural Osteoma. *Cureus*. 2021 Sep 5; 13(9). PMID: 34659951; PMCID: PMC8491958.
385. Jain M, Doki SK, Gaikwad M, Khutia S. Acute Migration Following Dissociation of Components of Cervical Disc Arthroplasty. *Neurol India*. 2021 Jul-Aug; 69(4):1037-1039. PMID: 34507439.

386. Jain M, Sahu RN, Gaikwad MR, Panda S, Tirpude A, Bag ND. Validation of Freehand Cervical Pedicle Screw Placement in Subaxial Spine Using the "Burcev Technique": A Cadaveric Study. *J Neurosci Rural Pract.* 2021 Jul; 12(3):555-559. PMID: 34295111; PMCID: PMC8289562.
387. Banik S, Sahoo S, Gaikwad MR, Purkait S, Patnaik M. Schwannoma in an accessory branch of the posterior cord of the brachial plexus: a rare case report. *Folia Morphol (Warsz).* 2022; 81(3):777-780. Epub 2021 Jun 1. PMID: 34060641
388. Sahoo S, Banik S. Unilateral Sternalis with Double Slips: An Astounding Muscle, Often Unnoticed and Unknown. *Cureus.* 2021 Mar 30; 13(3). PMID: 33936896; PMCID: PMC8082955.
389. Mahapatra R, Mahanta D, Singh J, Acharya D, Barik R. Device closure of fistula from left lower pulmonary artery to left atrium using a vascular plug: A case report. *World journal of cardiology.* 2021 Apr 26;13(4):111. PMID: 33968310
390. Misra S, Behera BK, Preetam C, Mohanty S, Mahapatra RP, Tapuria P, Elayat A, Nayak A, Kotkar K, McNeil JS, Blank RS. Peripheral Cardiopulmonary Bypass in Two Patients With Symptomatic Tracheal Masses: Perioperative Challenges. *Journal of cardiothoracic and vascular anesthesia.* 2021 May 1;35(5):1524-33. PMID: 33339662
391. Misra S, Tapuria P, Sathia S, Mahapatra RP. A mass in the left ventricular outflow tract after mitral valve replacement. *Journal of Cardiothoracic and Vascular Anesthesia.* 2021 May 23. PMID: 34130899
392. Misra S, Mohanty S, Sathia S, Mahapatra RP, Tapuria P. Diagnosis of absent right superior vena cava with intraoperative transesophageal echocardiography in a child with Holt-Oram syndrome: Anesthetic and perfusion implications. *Annals of Cardiac Anaesthesia.* 2021 Jul;24(3):358. PMID: 34269268
393. Singh J, Mahanta D, Mahapatra RP, Barik R. Tunneling a calcified total occlusion. *Asian Cardiovascular and Thoracic Annals.* 2021 Sep 8;02184923211041078. PMID: 34495774
394. Sahoo MR, Ali MS, Sarthak S, Nayak J. Laparoscopic hepaticojejunostomy for benign biliary stricture: A case series of 16 patients at a tertiary care centre in India. *J Minim Access Surg.* 2022 Jan-Mar;18(1):20-24. PMID: 33885013.
395. Mishra TS, Jena SK, Kumari S, Purkait S, Ayyanar P, Nayak P. Cecal dermoid masquerading dermoid cyst of ovary: a case report and review of the literature. *J Med Case Rep.* 2021 Jan 30;15(1):38. PMID: 33514417.
396. Mishra SS, Mishra TS, Mitra S, Kumar P. Intestinal thromboangiitis obliterans: a case report. *J Med Case Rep.* 2021 Apr 23;15(1):215. PMID: 33892806.
397. Singh PK, Ali SM, Radhakrishnan RV, Mohanty CR, Sahu MR, Patro BP, Ms I, Panda SK. Pattern of injuries due to wild animal attack among patients presenting to the emergency department: A retrospective observational study. *Chin J Traumatol.* 2021 Nov;24(6):383-388. PMID: 34654596.
398. Sinha MK, Barman A. Letter to the Editor: Undergraduate Surgical Training During COVID 19 Pandemic-the Lessons Learned. *World J Surg.* 2021 Oct;45(10):3240-1. PMID: 34781602.
399. Sahoo MR, Panigrahi S, Sethi MK, Kumar BA. Laparoscopic Remnant Cholecystectomy With CBD Exploration: A Tertiary Center Experience. *Surg Laparosc Endosc Percutan Tech.* 2021 Sep 24;32(1):96-100. PMID: 34570073.
400. Sinha MK, Singh PK, Taywade M. Consultation at surgical outpatient department and undergraduate medical education: A pilot study. *Natl Med J India.* 2021 Aug;34(4):251. PMID: 35112527
401. Bodda AK, Sasmal PK, Mishra S, Shettar A. Mesh hernioplasty in emergency repair of traumatic abdominal wall hernia following bull horn injury. *BMJ Case Rep.* 2021 Jul 21;14(7):e244384. PMID: 34290033.
402. Sinha MK, Barman A, Goyal M, Patra S. Progressive Muscle Relaxation and Guided Imagery in Breast Cancer: A Systematic Review and Meta-analysis of Randomised Controlled Trials. *Indian J Palliat Care.* 2021 Jun;27(2):336-44. PMID: 34511805.
403. Chiranjeevi H, Pankaj K. A stitch in time saves nine! Surgery. 2021 Jun;169(6):1560-1561. PMID: 33685724.
404. Kumar P, H C. Elective Operation Scheduling during the COVID-19 Pandemic. *J Am Coll Surg.* 2021 May;232(5):802-803. PMID: 33558130.
405. Vs V, Hallur V, Samal S, Chouhan MI, Bhat SJ, Kumar P, Mishra TS. Basidiobolomycosis of Right Colon Mimicking as Carcinoma of Colon. *ACG Case Rep J.* 2021 May 14;8(5):e00573. PMID: 34007854.
406. Singh PK, Ali SM, Sethi M, Manohar DB. Injuries in survivors of elephant attack - Report of three cases. *Chin J Traumatol.* 2021 May 1;S1008-1275(21)00080-8. PMID: 34039515.
407. Sasmal PK, Sahoo A, Singh PK, Vs V. Nicolau Syndrome: An Unforeseen Yet Evadable Consequence of Intramuscular Injection. *Surg J (N Y).* 2021 May 25;7(2):e62-e65. PMID: 34056105.

408. Mishra S, Kumar P, Sasmal PK, Mishra TS. Iatrogenic injury of duodenum: malady of a therapeutic misadventure. *BMJ Case Rep.* 2021 Apr 15;14(4):e242294.PMID: 33858906.
409. COVIDSurg Collaborative. Effect of COVID-19 pandemic lockdowns on planned cancer surgery for 15 tumour types in 61 countries: an international, prospective, cohort study. *Lancet Oncol.* 2021 Nov;22(11):1507-1517.. Epub 2021 Oct 5. PMID: 34624250; PMCID: PMC8492020. Original Article – Multicenter Study/54.433/ Author: Dr Sultania M
410. COVIDSurg Collaborative; GlobalSurg Collaborative. SARS-CoV-2 infection and venous thromboembolism after surgery: an international prospective cohort study. *Anaesthesia.* 2022 Jan;77(1):28-39. Epub 2021 Aug 24. PMID: 34428858; PMCID: PMC8652887. Original Article – Multicenter Study/12.893/ Author Dr Sultania M
411. COVIDSurg Collaborative; GlobalSurg Collaborative. Timing of surgery following SARS-CoV-2 infection: an international prospective cohort study. *Anaesthesia.* 2021 Jun;76(6):748-758.. Epub 2021 Mar 9. PMID: 33690889; PMCID: PMC8206995. Original Article – Multicenter Study/12.893/ Author Dr Sultania M
412. COVIDSurg Collaborative; GlobalSurg Collaborative. Effects of pre-operative isolation on postoperative pulmonary complications after elective surgery: an international prospective cohort study. *Anaesthesia.* 2021 Nov;76(11):1454-1464. Epub 2021 Aug 9. PMID: 34371522. Original Article – Multicenter Study/12.893/ Author Dr Sultania M
413. COVIDSurg Collaborative. Global wealth disparities drive adherence to COVID-safe pathways in head and neck cancer surgery. *BJS Open.* 2021 Nov 9;5(6):zrab112.. PMID: 34958353; PMCID: PMC8711291. Original Article – Multicenter Study/6.939/ Author Dr Sultania M
414. COVIDSurg Collaborative, GlobalSurg Collaborative. SARS-CoV-2 vaccination modelling for safe surgery to save lives: data from an international prospective cohort study. *Br J Surg.* 2021 Sep 27;108(9):1056-1063.. PMID: 33761533; PMCID: PMC7995808. Original Article – Multicenter Study/6.939/ Author Dr Sultania M
415. Ambre S, Sultania M, Biswal S, Mitra S, Sahoo B, Muduly DK, Kar M. Poorly differentiated “insular” thyroid carcinoma with solitary vascular mandibular metastasis - A rare histology and management. *Oral Oncol.* 2022 Jan;124:105416.. Epub 2021 Jun 24. PMID: 34176748. Case Report with Review/5.972/
416. Sultania M, Imaduddin M, S V Deo S, Kar M, K Muduly D, Kumar S, Sharma A, Mishra A, K D Majumdar S, K Adhya A, K Parida D. Role of metronomic therapy for advanced oral cancers and predictors of response: Multi-institutional feasibility study. *Head Neck.* 2022 Jan;44(1):104-112.. Epub 2021 Oct 28. PMID: 34708450. Original Article/3.821/
417. Sultania M, Garg PK, Rajan DK, Pandey D. Pancreaticogastrostomy: A novel technique with duct-parenchyma-gastric wall anastomosis. *J Surg Oncol.* 2022 Feb;125(2):179-184. Epub 2021 Sep 20. PMID: 34542914. Original Article/2.885/
418. Muduly DK, Sultania M, Imaduddin M, Kar M. Providing cancer patients with COVID-19 free surgical pathway by two test 7 days apart preoperative protocol (TTS protocol). *J Surg Oncol.* 2021 Apr;123(5):1199-1200. Epub 2021 Feb 9. PMID: 33559143; PMCID: PMC8013565. Original Article/2.885
419. COVIDSurg Collaborative. UK Head and neck cancer surgical capacity during the second wave of the COVID-19 pandemic: Have we learned the lessons? COVIDSurg collaborative. *Clin Otolaryngol.* 2021 Jul;46(4):729-735.. Epub 2021 Mar 29. PMID: 33660920; PMCID: PMC8014442. Original Article/2.729
420. Kar M, Imaduddin M, Muduly DK, Sultania M, Houghton T, Panigrahi MK, Misra S, Patra S, Mohakud S. Minimally invasive esophagectomy: Preservation of arch of Azygos vein in prone position. *J Minim Access Surg.* 2021 Jul-Sep;17(3):405-407. PMID: 33885015; PMCID: PMC8270036. Original Article – Operative Technique/1.018
421. Kar M, Sultania M, Roy S, Padhi S, Banerjee B. TRF2 Overexpression at the Surgical Resection Margin: A Potential Predictive Biomarker in Oral Squamous Cell Carcinoma for Recurrence. *Indian J Surg Oncol.* 2021 Apr;12(Suppl 1):46-51. Epub 2020 Feb 19. PMID: 33994727; PMCID: PMC8119552.
422. Kar M, Sultania M, Roy S, Padhi S, Banerjee B. -Catenin-a Possible Prognostic Molecular Marker for Recurrence in Histopathologically Negative Surgical Margin of Oral Cancer. *Indian J Surg Oncol.* 2021 Apr;12(Suppl 1):128-133. Epub 2020 Oct 11. PMID: 33994738; PMCID: PMC8119567.
423. Vigneshwaran B, Muduly D, Sultania M, Houghton T, Kar M. Laparoscopic resection for low rectal cancer in a patient with horseshoe kidney - Technical considerations to prevent iatrogenic injuries. *J Minim Access Surg.* 2021 Apr-Jun;17(2):262-264.. PMID: 33723186; PMCID: PMC8083732.
424. Vigneshwaran B, Bhoi SK, Sable MN, Muduly D, Sultania M, Jha M, Mohakud S, Kar M. Factors predicting perioperative outcomes in patients with myasthenia gravis or thymic neoplasms undergoing thymectomy by video-assisted thoracoscopic approach. *J Minim Access Surg.* 2022 Jan-Mar;18(1):111-117. PMID: 35017401; PMCID: PMC8830562.

425. Imaduddin M, Ayyanar P, Sultania M, Muduly D, Sable MN, Naik S, Mohanty S, Kar M. Primary malignant giant cell tumor of the sternum. *Autops Case Rep.* 2021 May 25;11:e2021281. PMID: 34249788; PMCID: PMC8214899.
426. Mondal R, Mishra S, Pillai JSK, Sahoo MC. COVID 19 Pandemic and biomedical waste management practices in healthcare system. *J Family Med Prim Care.* 2022;11(2):439-446. doi:10.4103/jfmpc.jfmpc_1139_21 PMID: 35360761 PMCID: PMC8963639
427. Singh T, Sk Pillai J, Sahoo MC. How Much Does It Cost for a Surgical ICU Bed in a Public Hospital in India. *Risk Manag Healthc Policy.* 2021 Oct 4; 14:4149-4154. doi: 10.2147/RMHP.S324551 PMID:34675709 PMCID: PMC8500497
428. Mishra, B., Behera, B., Singh, A. K., Mohapatra, P. R., Patro, B. K., Panigrahi, M. K., Pillai, J., Barik, S., Mahapatra, A., Mohanty, S., Hallur, V., Gupta, K., & Batmanabane, G. (2021). Seroprevalence of SARS-CoV-2 antibodies among healthcare workers in a teaching hospital in Eastern India. *Journal of family medicine and primary care*, 10(8), 2974–2979. PMID: 34660434 PMCID: PMC8483124
429. Mohapatra S, Das PK, Mishra B, Panigrahi A. Clinical review of COVID-19 in children and adolescents with cancer: Experience from a tertiary care center in East India. *Pediatr Hematol Oncol.* 2022;39(6):517-528. PMID: 35156866.
430. Sen S, Nayak B, Parija S. Bilateral optic disc edema with subconjunctival hemorrhage: Attributed to scrub typhus? *Oman J Ophthalmol* 2022;15:99-101. PMID: 35388247.
431. Sahu S K, Mishra P, Kharolia A (Feb 10, 2022) Missed Intra-Orbital Wooden Foreign Body. *Cureus* 14(2): e22078. PMID: 35295350.
432. Moharana B, Gupta R, Sharma B. Commentary: Open globe injury: The Indian perspective. *Indian J Ophthalmol.* 2022;70(3):864-865. PMID: 35225532
433. Gupta A, Moharana B, Saini R, Gupta A. Pretreatment with systemic corticosteroid can mask early symptoms of hypersensitivity reaction to hyaluronidase following peribulbar block. *BMJ Case Rep.* 2022;15(3):e247208. PMID: 35246434.
434. Dasukil S, Boyina KK, Nayak B, Chakraborty K, C S L, Panda R. Surgical Correction of Craniofacial Fibrous Dysplasia Involving Orbits: A Unique Application of Patient-Specific Implants. *J Craniofac Surg.* 2022 Jan-Feb 01;33(1):226-229. PMID: 34260452.
435. Nayak B, Bhatt B. Commentary: Viral serology testing before cataract surgery: Where do we stand? *Indian J Ophthalmol.* 2022 Feb;70(2):405. PMID: 35086205.
436. Nayak B, Bhatt B. Commentary: Ocular biometry in a developing country's perspective. *Indian J Ophthalmol.* 2022 Jan;70(1):111-112. PMID: 34937219.
437. Parija S, Chakraborty K, Ravikumar SR. Firework related ocular injuries in Eastern India - A clinico-epidemiological analysis. *Indian J Ophthalmol.* 2021 Dec;69(12):3538-3544. PMID: 34826991.
438. Nayak B. Commentary: Enhancement of cognitive and surgical skills of phacoemulsification in residency or fellowship program: A multiapproach training. *Indian J Ophthalmol.* 2021 Dec;69(12):3702-3703. PMID: 34827026.
439. Parija S, Parida SP, Dash N, Mohapatra K, Kumar PSS. A study on knowledge, attitudes, and mental health status of patients and health care workers of ophthalmology during COVID-19 post-lockdown phase at a tertiary hospital. *Indian Journal of Ophthalmology.* 2021 Sep;69(9):2542-2543. PMID: 34427266.
440. Parija, Sucheta; Das, Sujata, COVID19- and the medical education system in ophthalmology – Lessons learned and future directions, *Indian J Ophthalmol.* 2021 May; 1333-1332: (5) 69. PMID: 33913895
441. Parija S, Sen S. Abduction deficit mimicking sixth nerve palsy due to metastasis in systemic malignancy: Rare case report. *Middle East Afr J ophthalmol* 2021; 28:263-6. PMID: 35719290.
442. Karthika IK, Gulla KM, John J, Satapathy AK, Sahu S, Behera B, Mishra P. COVID-19 related multi-inflammatory syndrome presenting with uveitis - A case report. *Indian J Ophthalmol.* 2021 May;69(5):1319-1321. PMID: 33913889.
443. Nayak B. Commentary: Post blunt trauma high intraocular pressure and other damages to the anterior segment and management. *Indian J Ophthalmol.* 2021 May;69(5):1317-1318. PMID: 33913888.
444. Sahu SK, Sen S, Poddar C. Sebaceous gland carcinoma of lid: Masquerading as a recurring chalazion. *Int J App Basic Med Res* 2021;11:117-9. PMID: 33912435.
445. Sahu S, Mishra S, Mishra BR, Nath S, Mohapatra D. Acute Painless Visual Loss: What the Eyes Cannot See, the Mind Should Know'. *Psychiatr Danub.* 2021 Winter;33(4):591-592. PMID: 34928914.

446. Mishra A, Mandal S, Das MK, Nayak PRe; Sarmah PB, Ehsanullah SA, Sarmah BD. Long-term follow-up and outcomes of percutaneous nephron-sparing surgery for upper tract urothelial carcinoma. *Indian J Urol.* 2021 Jan-Mar;37(1):103-104. PMID: 33850371
447. Kumaraswamy S. Pharmacological prophylaxis for venous thromboembolism: Is it time to change the gold standard? *Indian J Urol.* 2021 Jan-Mar;37(1):99-100. PMID: 33850368
448. Tripathy S. The ARAMIS trial: Why Darolutamide is better than apalutamide and enzalutamide in nonmetastatic castration-resistant prostate cancer. *Indian J Urol.* 2021 Jul-Sep;37(3):293-294. PMID: 34465966
449. Tripathy S, Mandal S, Das M, Nayak P. Re: Guler Y, Erbin A. Comparison of extracorporeal shockwave lithotripsy and retrograde intrarenal surgery in the treatment of renal pelvic and proximal ureteral stones ≤ 2 cm in children. *Indian J Urol* 2020; 36:282-7. *Indian J Urol.* 2021 Jan-Mar;37(1):101-102. PMID: 33850369
450. Tripathy S, Mandal S, Das M, Nayak P. Re: Guler Y, Erbin A. Comparison of extracorporeal shockwave lithotripsy and retrograde intrarenal surgery in the treatment of renal pelvic and proximal ureteral stones ≤ 2 cm in children. *Indian J Urol* 2020; 36:282-7. *Indian J Urol.* 2021 Jan-Mar;37(1):101-102. PMID: 33850369
451. Singh J, Mahanta D, Mahapatra RP, Barik R. Tunnelling a calcified total occlusion. *Asian Cardiovasc Thorac Ann.* 2021 Sep 8;2184923211041078. PMID: 34495774.
452. Mahapatra R, Mahanta D, Singh J, Acharya D, Barik R. Device closure of fistula from left lower pulmonary artery to left atrium using a vascular plug: A case report. *World J Cardiol.* 2021 Apr 26;13(4):111-116. PMID: 33968310.
453. Acharya D, Singh J, Das D, Barik RC, Ranjan Behera D, Mahanta DS. Dual atrio ventricular node in heterodoxy syndrome. *J AR rhythm.* 2021 Apr 8;37(3):701-702. PMID: 34141027
454. Jain M, Nayak M, Ansari S, Patro BP. Infrapatellar bursitis presenting as a lump. *BMJ Case Rep.* 2021 May 25;14(5):e243581. doi: 10.1136/bcr-2021-243581. PMID: 34035033; PMCID: PMC8154975.
455. Patra SK, Swaroop S, Patro BP, Panda S, Panda R. Talar Body Fracture With Closed Pan-Talar Dislocation. *Cureus.* 2021 May 31;13(5):e15349. doi: 10.7759/cureus.15349. PMID: 34235026; PMCID: PMC8244578.
456. Panigrahi S, Patro BP, Mohapatra A, Patra SK. Ribbing disease of tibia: a rare entity. *BMJ Case Rep.* 2021 Oct 28;14(10):e244868. doi: 10.1136/bcr-2021-244868. PMID: 34711623; PMCID: PMC8557302.
457. Patro BP, Rath M, Mohapatra D, Kumar Patra S, Chandra Sahu M, Das G, Sahoo J. Traumatized periosteum: Its histology, viability, and clinical significance. *Orthop Rev (Pavia).* 2021 Nov 23;14(1):30044. doi: 10.52965/001c.30044. PMID: 35106127; PMCID: PMC8801596.
458. Das G, Nanda SN, Sahu NK, Kumar DS, Patro BP. Hydatid Cyst of Dorsal Spine Masquerading as Tubercular Infection: A Case Report and Review of Literature. *Asian J Neurosurg.* 2021 Dec 18;16(4):886-889. doi: 10.4103/ajns.ajns_199_21. PMID: 35071096; PMCID: PMC8751531.
459. Singh PK, Ali SM, Radhakrishnan RV, Mohanty CR, Sahu MR, Patro BP, Ms I, Panda SK. Pattern of injuries due to wild animal attack among patients presenting to the emergency department: A retrospective observational study. *Chin J Traumatol.* 2021 Nov;24(6):383-388. doi: 10.1016/j.cjtee.2021.09.004. Epub 2021 Sep 20. PMID: 34654596; PMCID: PMC8606701
460. Tripathy SK, Varghese P, Srinivasan A, Goyal T, Purudappa PP, Sen RK, Chandrappa MH. Joint awareness after unicompartmental knee arthroplasty and total knee arthroplasty: a systematic review and meta-analysis of cohort studies. *Knee Surg Sports Traumatol Arthrosc.* 2021 Oct; 29(10):3478-3487. doi: 10.1007/s00167-020-06327-4. Epub 2020 Oct 19. PMID: 33078218.
461. Jha RK, Sen RK, Tripathy SK, Gopinathan NR, Goyal T, Sharma SK. Cross-cultural validation of Hindi version Knee Injury and Osteoarthritis Outcome Score (KOOS) in osteoarthritis knee. *Knee Surg Sports Traumatol Arthrosc.* 2021 Jun;29(6):1742-1749. doi: 10.1007/s00167-020-06211-1. Epub 2020 Aug 10. PMID: 32776241.
462. COVIDSurg Collaborative; GlobalSurg Collaborative. Timing of surgery following SARS-CoV-2 infection: an international prospective cohort study. *Anaesthesia.* 2021 Jun;76(6):748-758. doi: 10.1111/anae.15458. Epub 2021 Mar 9. PMID: 33690889; PMCID: PMC8206995.
463. COVIDSurg Collaborative; GlobalSurg Collaborative. SARS-CoV-2 infection and venous thromboembolism after surgery: an international prospective cohort study. *Anaesthesia.* 2022 Jan;77(1):28-39. doi: 10.1111/anae.15563. Epub 2021 Aug 24. PMID: 34428858; PMCID: PMC8652887.
464. Goyal T, Tripathy SK, Schuh A, Paul S. Total knee arthroplasty after a prior knee arthroscopy has higher complication rates: a systematic review. *Arch Orthop Trauma Surg.* 2021 Sep 20. doi: 10.1007/s00402-021-04175-6. Epub ahead

of print. PMID: 34542652. PubMed

465. Ramasamy B, Magne F, Tripathy SK, Venugopal G, Mukherjee D, Balamurugan R. Association of Gut Microbiome and Vitamin D Deficiency in Knee Osteoarthritis Patients: A Pilot Study. *Nutrients*. 2021 13th Apr;13(4):1272. doi: 10.3390/nu13041272. PMID: 33924396; PMCID: PMC8069973.
466. Mohakud S, Tripathy S, Bag ND, Mishra N. Multidisciplinary management of solitary hypervascular metastatic recurrence of renal cell carcinoma presenting with pathological femoral fracture. *BMJ Case Rep*. 2021 Nov 9;14(11):e245422. doi: 10.1136/bcr-2021-245422. PMID: 34753726; PMCID: PMC8578956.
467. COVIDSurg Collaborative; GlobalSurg Collaborative. Effects of pre-operative isolation on postoperative pulmonary complications after elective surgery: an international prospective cohort study. *Anaesthesia*. 2021 Nov;76(11):1454-1464. doi: 10.1111/anae.15560. Epub 2021 Aug 9. PMID: 34371522.
468. Tripathy SK, Mishra NP, Varghese P, Panigrahi S, Purudappa PP, Goel A, Sen RK. Dual-Plating in Distal Femur Fracture: A Systematic Review and Limited Meta-analysis. *Indian J Orthop*. 2021 Aug 23;56(2):183-207. doi: 10.1007/s43465-021-00489-0. PMID: 35140850; PMCID: PMC8789962.
469. Agrawal K, Swaroop S, Patro PSS, Tripathy SK, Naik S, Velagada S. Comparison of bone SPECT/CT and MRI in detection of pain generator in ankle and foot pain: a retrospective diagnostic study. *Nucl Med Commun*. 2021 Oct 1;42(10):1085-1096. doi: 10.1097/MNM.0000000000001443. PMID: 34075007.
470. Tripathy SK, Varghese P, Panigrahi S, Panda BB, Srinivasan A, Sen RK. Perioperative mortality and morbidity of hip fractures among COVID-19 infected and non-infected patients: A systematic review and meta-analysis. *Chin J Traumatol*. 2021 May 20:S1008-1275(21)00088-2. doi: 10.1016/j.cjtee.2021.05.004. Epub ahead of print. PMID: 34154865; PMCID: PMC8135192.
471. Tripathy S, Varghese P, Panigrahi S, Karaniveed Puthiyapura L. Medial malleolar osteotomy for intralesional curettage and bone grafting of primary aneurysmal bone cyst of the talus. *BMJ Case Rep*. 2021 May 7;14(5):e242452. doi: 10.1136/bcr-2021-242452. PMID: 33962932; PMCID: PMC8108680.
472. COVIDSurg Collaborative, GlobalSurg Collaborative. SARS-CoV-2 vaccination modelling for safe surgery to save lives: data from an international prospective cohort study. *Br J Surg*. 2021 Sep 27;108(9):1056-1063. doi: 10.1093/bjs/zna101. PMID: 33761533; PMCID: PMC7995808.
473. Tripathy SK, Varghese P, Panigrahi S, Panda BB, Srinivasan A, Sen RK. External fixation versus open reduction and internal fixation in the treatment of Complex Tibial Plateau Fractures: A systematic review and meta-analysis. *Acta Orthop Traumatol Turc*. 2021 Sep;55(5):444-456. doi: 10.5152/j.aott.2021.20350. PMID: 34730533.
474. Tripathy SK, Varghese P, Behera H, Balagod R, Rao PB, Sahoo AK, Panda A. Intraarticular viscosupplementation following arthroscopic anterior cruciate ligament reconstruction: A systematic review. *J Clin Orthop Trauma*. 2022 Mar 26;28:101847. doi: 10.1016/j.jcot.2022.101847. PMID: 35378776; PMCID: PMC8976131.
475. Sen RK, Shetti V, Mukhopadhyay R, Tripathy SK, Saini G, Dip SK, Raman N, Rana M, Vashishta K, Sharma SK. Satisfaction and Health-Related Quality of Life Following Hip and Knee Arthroplasty Surgeries in Indian Patients: A Cross-Sectional Study. *Indian J Orthop*. 2022 Jan 18;56(5):918-926. doi: 10.1007/s43465-021-00589-x. PMID: 35547347; PMCID: PMC9043070.
476. Tripathy SK, Pradhan SS, Varghese P, Purudappa PP, Velagada S, Goyal T, Panda BB, Vanyambadi J. Limb length discrepancy after total knee arthroplasty: A systematic review and meta-analysis. *World J Clin Cases*. 2021;9(2):357-371. doi: 10.12998/wjcc.v9.i2.357. PMID: 33521103; PMCID: PMC7812892.
477. Sen RK, Tripathy SK, Goyal T, Aggarwal S, Kashyap S, Purudappa PP, Chandrappa MH. Complications and Functional Outcome of Femoral Head Fracture-Dislocation In Delayed and Neglected Cases. *Indian J Orthop*. 2021;55(3):595-605. doi: 10.1007/s43465-020-00309-x. PMID: 33995862; PMCID: PMC8081802
478. Jain M, Mohanty CR, Doki SK, Radhakrishnan RV, Khutia S, Patra SK, Biswas M. Traumatic spine injuries in Eastern India: A retrospective observational study. *Int J Crit Illn Inj Sci*. 2021 Apr-Jun;11(2):79-85. PMID 34395209.
479. Jain M, Sahoo DP, Sahoo J, Kumar DS, Manik R. Effect of selected group of asana when used as an adjunct in management of cervical spondylosis of mild to moderate severity: An observational study. *J Ayurveda Integr Med*. 2021 Apr-Jun;12(2):351-355. PMID 33707125
480. Radhakrishnan RV, Jain M, Mohanty CR, Jacob J, Shetty AP, Stephen S, Vijay VR, Issac A. The perceived social stigma, self-esteem, and its determinants among the health care professionals working in India during COVID 19 pandemic. *Med J Armed Forces India*. 2021 Jul;77(Suppl 2):S450-S458. PMID 34393330.

481. Jain M, Nayak M, Ansari S, Patro BP. Infrapatellar bursitis presenting as a lump. *BMJ Case Rep.* 2021 May 25;14(5):e243581. doi: 10.1136/bcr-2021-243581. PMID 34035033.
482. Jain M, Panda A, Patel B, Ajay SC. Anaesthesia workstation monitor: why surgeons should monitor? *BMJ Case Rep.* 2021 Aug 11;14(8):e244932. PMID 34380691.
483. Panigrahi S, Jain M, Panda R, Karaniveed Puthiyapura L. Patient with tuberculous flexor tenosynovitis of the hand. *BMJ Case Rep.* 2021 May 11;14(5):e243091. PMID 33915852.
484. Jain M, Parija D, Kumar P, Naik S. Misdiagnosed sternoclavicular tuberculosis presenting as a non-healing ulcer. *BMJ Case Rep.* 2021 Aug 23;14(8):e244454. PMID 34426429.
485. Jain M, Doki SK, Gaikwad M, Khutia S. Acute Migration Following Dissociation of Components of Cervical Disc Arthroplasty. *Neurol India.* 2021 Jul-Aug;69(4):1037-1039. PMID 34507439
486. K Giri S, Mishra D, Jain M, Purkait S. Giant intramuscular infiltrating fibrolipoma of the right leg with common peroneal nerve neuropathy. *BMJ Case Rep.* 2021 Aug 13;14(8):e244852. PMID 34389599.
487. Jain M, Sahu RN, Gaikwad MR, Panda S, Tirpude A, Bag ND. Validation of Freehand Cervical Pedicle Screw Placement in Subaxial Spine Using the "Burcev Technique": A Cadaveric Study. *J Neurosci Rural Pract.* 2021 Jul;12(3):555-559. PMID 34295111.
488. Jain, M., Parija, D., Nayak, M., & Ajay, S. C. (2021). Garre's Sclerosing Chronic Osteomyelitis of Femur in an Adolescent. *Journal of orthopaedic case reports*, 11(12), 15–18. PMID 35415131.
489. Jain, M., Nayak, M., Sahoo, A., & Mishra, N. M. (2021). Large intraspinal cement leak during multilevel cement-augmented screw fixation. *BMJ case reports*, 14(12), e247466. PMID 34949585.
490. Mohanty, M., Mishra, B., Jain, M., & Karaniveed Puthiyapura, L. (2022). Diagnostic role of Xpert-MTB RIF assay in osteoarticular tuberculosis: A retrospective study. *World journal of orthopedics*, 13(3), 289–296. PMID 35317258
491. Yadav BS, Das D, Bansal A, Dahiya D. Hypofractionated radiotherapy in young versus older women with breast cancer: a retrospective study from India. *Rep Pract Oncol Radiother* 2022;27(2):281-290. DOI: 10.5603/RPOR.a2022.0028; PMID: 36299397
492. Barik SK, Behera BK, Das Majumdar SK, Parida DK. How prepared the radiotherapy centres are to deal with COVID 19 pandemic? A nationwide survey from 46 cancer centres across India. *J Cancer Res Ther* 2022; 18: 245-248; PMID: 35381791
493. Patro PS, Agrawal K, Parida GK, Parida DK. Uptake of bone seeking radiotracer in the metastatic lymph node from testicular tumour. *BMJ Case Rep* 2022 Jan 17;15(1):e245002. doi: 10.1136; PMID: 35039343
494. Das Majumdar SK, Amritt A, Dhar SS, Barik SK, Beura SS, Mishra T, Muduly DK, Dash A, Parida DK. A Dosimetric Study Comparing 3D-CRT vs. IMRT vs. VMAT in Left-sided Breast Cancer Patients After Mastectomy at a Tertiary Care Centre in Eastern India. *Cureus ()*: 14(3): e23568. doi:10.7759/cureus.23568; PMID: 35494897
495. Parida DK, Barik SK. Surviving with Mycosis Fungoides for Twenty Years: An Autobiographical Case Report. *Cureus* 2021 Dec 25;13(12):e20699 doi: 10.7759/cureus.20699. eCollection 2021 Dec; PMID: 35106236
496. Mahapatra BR, Barik BK, Muraleedharan A, Badajena A, Adhar A, Kanungo S, Pattanaik A, Mishra M, Dhar SS, Barik SK, Das Majumdar SK, Parida DK. High-Dose-Rate Intracavitary Brachytherapy Under Conscious Sedation a Viable Practical Alternative to Spinal Anaesthesia in Carcinoma Cervix: A Retrospective Study in a Tertiary Care Centre in Eastern India. *Cureus* 2021; 13(11): e20063; PMID: 35003939
497. Das Majumdar SK, Das DK, Barik SK, Badajena A, Parida DK. Evaluation of Clinicopathological and Prognostic Factors of Male Breast Cancer: A Single-Centre Experience. *Cureus* 2021;13(12): e20298. doi:10.7759/cureus.20298; PMID: 35036180
498. Sahoo B, Barik SK, Naik S, Das Majumdar SK, Parida DK. Osteosarcoma of right Lower Femur with Breast Metastasis and Axillary Lymph Node Metastasis – Rare Case Presentation. *Cureus* 2021;31(13): e. doi:10.7759/cureus; PMID: 35141071

INDEXED IN OTHER DATABASES

1. Sardar A, Sarkar S. Individualized Homoeopathy in the Treatment of Seborrheic Dermatitis: An Evidence-Based Clinical Case Report. *Advancements in Homeopathic Research*. 2021; Vol. 6 No.3: p. 55-60.
2. Sarkar S, Sardar A. Role of Homoeopathy in Rheumatoid Arthritis: An Overview. *The Homoeopathic Heritage*. 2021; vol. 47 no. 03: p. 46-48.
3. Sarkar S, Sardar A. Homoeopathic Treatment of Calcaneal Spur. *Arogya Sudha*. AIIMS Bhubaneswar; 2021-2022; Vol.3: p. 9-10.
4. Mahanta D, Singh J, Mahapatra RP, Barik R. Guide catheter tip-induced type-II aortocoronary dissection bailed out by stenting the left main coronary artery. *Journal Of Indian College of Cardiology*. 2022 Jul 1;12(3):13
5. Oommen S, Shetty, A.P. Effectiveness of local cold application on pain and behavioral distress during invasive intravenous procedures - A pilot study. *International Journal of Research in Paediatric Nursing* 2022 Dec; 4(1): 1-4.
6. Prabhakar SA, Ramanathan G, Kalaivani H, Jerald GR. A review on psychological wellbeing of couples during First seven years of marital life. *Journal of positive school psychology*. 2022 Mar; 6(2): 28- 39.
7. Henry K, Singh N, Shetty A P, Mahalingam. Human factor issues in relation with personal protective equipment during COVID-19 pandemic: a survey. *Int J Community Med Public Health*. 2022 Mar;9(3):1407-11.
8. Dhandapani M, Vijay VR, Krishnan N, Gopichandran L, Issac A, Stephen S, Jacob J, Thilaka, Yaddanapudi LN, Dhandapani S. An evidence-based nursing care guide for critically ill patients with COVID-19: A scoping Review. *Asian Journal of Nursing Education and Research*. 2022 Mar;12(1):
9. Das H, Panigrahi S, Swain D. Telenursing-an emerging concept in reducing COVID-19 hospital occupancy. *International Journal of Community & Medicine and Public Health*. 2022 Jan;9(1):1-9.
10. Nikita, Devi S, Parida SP. Utilization and compliance of weekly iron and folic acid supplementation programme among school dropout adolescent girls in rural areas of Odisha, India. *International Journal of Advance Research in Community Health Nursing*. 2022;4(1):89-94.
11. Arunachalam SS, Shetty AP, Rajendran SS, Eswaran H, Karthik M. Awareness and Practice of Menstrual Hygiene among Visually Impaired Adolescent Girls: Using Braille Methods. *Ann Nurs Primary Care*. 2022; 3 (1):1017
12. Swain D, Vijay VR, Das H, Issac A, Stephen S, Jacob J. Combat response to COVID-19 pandemic in Odisha: future public health challenges and measures. *International Journal of Community Medicine and Public Health*. 2021 Feb;8(2):979.
13. Swain D, Parida SP, Das H. Busting of myths and misconceptions about breast feeding during COVID-19 pandemic and its societal importance: a brisk review. *International Journal of Reproduction, Contraception, Obstetrics and Gynecology*. 2021 Feb;10(2):819.
14. Stany D, Smitha MV, John J, Mohanty PK. Impact of a quality improvement program: Early initiation of breastfeeding after cesarean section in a tertiary care hospital, in Eastern India. *Medical Journal Armed Forces India*. 2021 Nov 10.
15. Sharmila S, Mathias T, Shivakumara J, Jacob J. Effect of Art Therapy on Cognitive and Psychological Well-being of Patients with Major Mental Disorders-An Experimental Study. *Journal of Clinical & Diagnostic Research*. 2021 Oct 1;15(10).
16. Noronha FS, George MV, Sreedevi. Mandatory HIV Testing: An Indian Perspective. *HIV Nursing*. 2021 Oct; 21(2): 16-19
17. Meena KS, Shetty AP. Perception of patient safety culture amongst healthcare personnel in a tertiary care hospital. *J Patient Saf Infect Control*. 2021 Sep;9: 22-7.
18. Arunachalam SS, Shetty AP, Paniyadi N K, Meena C, Kumari J, Rani B, Das P, Kumari S. Study on knowledge of chemotherapy's adverse effects and their self-care ability to manage - The cancer survivors impact. 2021 Sep;11:100765
19. Joseph HB, Kuppuswamy S, Shetty AP. Children's online learning during COVID-19 pandemic: experiences and satisfaction encountered by Indian parents. *Journal of Ideas in Health*. 2021 Sep; (4)(Special3):443-9.
20. Smitha MV, Das M, Patwal K, Parichita P, Seervi V, Sharma C. Knowledge, attitude, and practices on contraceptives in married women of Odisha. *Manipal Journal of Nursing and Health Sciences (MJNHS)*. 2021 Jul 1;7(2):1-7.
21. Jacob J, Radhakrishnan RV, Issac A. Willingness and hesitancy toward COVID-19 vaccination among patients with cancer. *Cancer Research, Statistics, and Treatment*. 2021 Jul 1;4(3):563.

22. Baby RS, Issac A, Vasudev A, Sabu DK, Gopika T S, Pal M, Sahu R. Impact of screen time on sleep quality. *Indian J Psy Nsg* 2021 Jun;18(1):29-32
23. Arunachalam SS, Shetty AP, Giri SK, Rajendran SS, Eswaaran H. Understanding and Perceptions of Skin Donation and Skin Banking among Health Care Professionals – Tertiary Care Centre in Eastern India. *International Journal of current science research and review*. 2021 Jun; 4(6): 487-98.
24. Devi S, Azhar S.M., Deevanshi, Kapoor R, Kumari K, Akhila V.S., Katiyar P. Association between Functional Status and Treatment Adherence among Elderly Suffering from Diabetes Mellitus. *Journal of Nursing Science & Practice*. 2021 Jun; 11(2): 23–28.
25. Balasubramanian N, Shetty AP. Impact of COVID Lockdown in Nursing education: India. *International journal of innovative science and research technology*. 2021 May; 6(5):523-26.
26. Devi S, Taywade M, Sethi, D. Substance abuse influencing sexual behaviour and sexual health among youth. *Indian Journal of Health, Sexuality & Culture*. 2021 May; 7(1): 35-40.
27. Sasmal S, Shetty A P, Saha B. Oromotor stimulation and its application in the care of preterm neonates *Asian J. Nursing Education and Research*. 2021 Apr; 11(2):169-72.
28. Meena KS, Nambiar SP, Kumari Y, Joseph HB, Shetty AP. Facts and prevailing myths on COVID-19 among general public, India: a cross sectional survey. *Int J Community Med Public Health* 2021 Apr; 8(5): 2465-8.
29. Jacob J, VR V, Issac A, Stephen S, Dandapani M, VR R, Kasturi AK, Jose S, Baby RS, Ruoubin N, Dikhil CD, Arun TM. Factors associated with psychological outcomes among frontline healthcare providers of India during COVID-19 pandemic. *Elsevier Asian Journal of Psychiatry*. 2021; 55 (102531)
30. Sethi D, Devi S. effectiveness of home-based care training programme on QoL of patients with filarial lymphedema of lower limb in selected rural areas of khordha district, odisha. *Journal of cardiovascular disease research*. 2021;12(04):2106-2110.
31. Sahoo T, Aradhya AS, Mukhopadhyay K. Choice of Antenatal Steroids for Prevention of Complications of Prematurity: Betamethasone Versus Dexamethasone. *Journal of Neonatology* 2021;35:219–25.
32. Prasad R, Kumar J, Kumar P, Priyadarshi M, Ray S, Sahoo T. NNF Clinical Practice Guidelines: Antibiotic Stewardship in Neonatal care. 2021.
33. Mishra P, Mohanty P, Som T, Zakiulla M, Sahoo T. Need for a structured policy for discharging high-risk preterm neonatal intensive care unit graduate in the coronavirus disease pandemic era. *Indian Journal of Child Health* 2021;8:107–8.
34. Effectiveness of Participatory Classroom Teaching Versus Web-Based Learning. *Perinatology* 2022; Available from: <https://www.perinatology.in/effectiveness-of-participatory-classroom-teaching-versus-web-based-learning>
35. Nandan M, Patnaik A, Sahu RN, Singh Y, Maurya VP, Das KK, Behari S. Rosette-Forming Glioneuronal Tumor at Septum Pellucidum: Insights Gained from a Common Tumor at Rare Location. *Indian J Neurosurg*. (Published online)
36. Das Majumdar S, Dhar SS, Lalsangzuala C, Sahu R, Purkait S, Parida D. Combined treatment modality in pediatric infratentorial midline high grade glioma can lead to long term survival: A case study and review of literature. *Precision Radiation Oncology*. 2021; 5:213-218.
37. Rout SK, Giri SK, Panda R, Bansal S, Singh N. Extensive Marjolin's Ulcer of Scalp in a Patient with Cardiac Dysfunction – A Reconstructive Challenge. *Clin Onco*. 2021; 4: 1-4.
38. Khuntia CP, Kar SK, Mohanty N, Khuntia HK, Dwibedi B. Salmonella Meningitis in a Two Months Infant from Odisha, India: A Rare Case Report. *International J for Res in Applied Sciences and Biotechnology*. 2021(3);8(2).
39. Khuntia CP, Kar SK, Dwibedi B. Evaluation of Real-Time Polymerase Chain Reaction in Culture-Negative Cerebrospinal Fluid Samples of Bacterial meningitis Patients. *Journal of Pharmaceutical Research International*. 2021;33(55b): 96-101.
40. Khuntia CP, Kar SK, Dwibedi B. Epidemiological Study and Associated Risk Factors for Developing Bacterial Meningitis in Children of Odisha, India. *Journal of Pharmaceutical Research International*. 2021; 33(55B):107-115.
41. Sahu S, Menon M, John J. Correlation of Serum Ferritin and Adenosine Deaminase with Body Mass Index in Children: A cross-sectional study. *Indian J Physiol Pharmacol* 2021;65:109-114.
42. Sahu S, John J, Augy A, Jawalekar S. Psychological Distress and Risk of Diabetes Amongst Medical Students: A Cross-Sectional Study. *Med J Armed Forces India*. 2021. Available online 24 Nov 2021.
43. Stany D, Smitha MV, John J, Mohanty PK. Impact of a quality improvement program: Early initiation of breastfeeding

after cesarean section in a tertiary care hospital, in Eastern India, *Med J Armed Forces India*. 2021, Available online 10 Nov 2021.

44. Dora S, Bhatia V, Behera BK, Satapathy AK. Capacity Building of Frontline Workers for Detection of Children (0-6 Years) with Developmental Delays in a Rural Setting: A Cluster-Randomized Trial. *Indian J Pediatr*. 2022;89(4):351-357.
45. Sharma R, Roy K, Satapathy AK, Kumar A, Nanda PM, Damle N, Houghton JAL, Flanagan SE, Radha V, Mohan V, Jain V. Molecular Characterization and Management of Congenital Hyperinsulinism: A Tertiary Centre Experience. *Indian Pediatr*. 2022;59(2):105-109.
46. Khuntia CP, Kar SK, Mohanty N, Khuntia HK, Dwibedi B. Salmonella Meningitis in a Two Months Infant from Odisha, India: A Rare Case Report. *International J for Res in Applied Sciences and Biotechnology*. 2021(3);8(2).
47. Khuntia CP, Kar SK, Dwibedi B. Evaluation of Real-Time Polymerase Chain Reaction in Culture-Negative Cerebrospinal Fluid Samples of Bacterial meningitis Patients. *Journal of Pharmaceutical Research International*. 2021;33(55b): 96-101.
48. Khuntia CP, Kar SK, Dwibedi B. Epidemiological Study and Associated Risk Factors for Developing Bacterial Meningitis in Children of Odisha, India. *Journal of Pharmaceutical Research International*. 2021; 33(55B):107-115.
49. Sahu S, Menon M, John J. Correlation of Serum Ferritin and Adenosine Deaminase with Body Mass Index in Children: A cross-sectional study. *Indian J Physiol Pharmacol* 2021;65:109-114.
50. Sahu S, John J, Augy A, Jawalekar S. Psychological Distress and Risk of Diabetes Amongst Medical Students: A Cross-Sectional Study. *Med J Armed Forces India*. 2021. Available online 24 Nov 2021.
51. Stany D, Smitha MV, John J, Mohanty PK. Impact of a quality improvement program: Early initiation of breastfeeding after cesarean section in a tertiary care hospital, in Eastern India, *Med J Armed Forces India*. 2021, Available online 10 Nov 2021.
52. Dora S, Bhatia V, Behera BK, Satapathy AK. Capacity Building of Frontline Workers for Detection of Children (0-6 Years) with Developmental Delays in a Rural Setting: A Cluster-Randomized Trial. *Indian J Pediatr*. 2022;89(4):351-357.
53. Sharma R, Roy K, Satapathy AK, Kumar A, Nanda PM, Damle N, Houghton JAL, Flanagan SE, Radha V, Mohan V, Jain V. Molecular Characterization and Management of Congenital Hyperinsulinism: A Tertiary Centre Experience. *Indian Pediatr*. 2022;59(2):105-109.
54. Kumari R, Kar SK, Padhy SK. COVID-19 Chaos and New Psychoactive Substances: New Threats and Implications. *Indian Journal of Clinical Psychiatry* 2021 Sep 8;1(1).
55. Mishra S, Padhy SK, Sinha AK. Stress, distress, and burnout among medical trainees: An institutional approach. *Indian Journal of Social Psychiatry* 2021. 37(2):162.
56. Patra S, Acharya SP, Taywade M, Bandyopadhyay D, Patro BK. Prevalence and psychosocial correlations of COVID-19-related worries in people with diabetes mellitus seeking services from East Indian tertiary care center: A cross-sectional survey results. *Curr Med Issues* 2021;19:157-61.
57. Prakash S, Jain A, Pahwa D, Kalra JK, Sharma R. Maternal and neonatal variables affecting CD34+ cell count in the umbilical cord blood. *J Appl Hematol* 2022;13:41-6.
58. Kanungo G N, Routray S S, Agrawal M, Sahu A, Mishra D. Retrospective analysis of Single donor plateletpheresis procedure parameters by Trima Accel cell separators and its association with yield in a tertiary care blood centre at Eastern India. *Iraqi J Hematol* (Accepted)
59. Routray S S, Mishra D, Kanungo G N, Behera R. Hemolytic Disease of Newborn due to ABO Incompatibility between B Blood Group Mother and A Blood Group Neonate. (2022), *Journal of Laboratory Physicians*.
60. Mishra D, Kanungo GN, Agrawal M, Khanna A. Transfusion support in a severe autoimmune hemolytic anemia patient associated with systemic lupus erythematosus and antiphospholipid syndrome. *Iraqi J Hematol* 2021;10:84-
61. Sharma, P., Parida, P.K., Preetam, C., Mukherjee S. et al. Outcome of Temporalis Fascia Myringoplasty With and Without use of Platelet Rich Plasma: A Randomized Control Trial. *Indian J Otolaryngol Head Neck Surg* (2021).
62. Velusami D, Krishnamurthy S, Teli SS. The efficacy of isometric handgrip training on arterial stiffness and blood pressure in elevated and stage 1 hypertensive individuals—An interventional study. *Romanian Journal of Diabetes Nutrition and Metabolic Diseases*. 2022 Mar 28;29(1):74-82.
63. Shaikh AM, Mandal BB, Mangalavalli SM. Causative and risk factors of musculoskeletal disorders among mine workers: A systematic review and meta-analysis. *Safety Science*. 2022 Nov 1;155:105868.

64. Sahoo S, Mishra PR, Mishra S, Kar M, Padhy SK. Perceived stress and coping skills in the newly joined medical undergraduate students: An exploratory study from Eastern India. *J Mental Health Hum Behav* 2021; 26: 122-131.
65. Bhakat A, Chhabra G, Shruthi NR, Ghosh A, Das PK. Compound Heterozygosity of C.46DELT CODON 15[-T] and Asian Indian Inversion GγAγ δβ-Thalassemia Mutation in The Beta Globin Gene Presenting as Beta Thalassemia Intermedia. Conference: 62nd Annual Conference of Indian Society of Hematology & Blood Transfusion (ISHBT). *Indian J Hematol Blood Transfus* 37, 1–172 (2021).
66. Patra S, Chouhan MI, Nayak HK, Panigrahi MK, Bhat SJ, Padhi S, Samal SC. Extranodal diffuse gastrointestinal mucosal involvement in Castleman variant of POEMS syndrome presenting as chronic diarrhoea. *Gastroenterol Hepatol Endosc Pract* 2021; 3:116-119.
67. Neelamegam S, Padhi S, Adhya AK, Panigrahi A, Das PK, Patra S. Hairy cell leukemia: morphological and immunophenotypic characteristics of seven cases and cyclin D1 expression. *Indian J Med Paediatr Oncol* 2021; 42(06): 595-598.
68. Mishra P, Biswas D, Pattnaik SA, Patra S, Muduly DK, Balasubiramaniyan V, Adhya AK. Malignant gastrointestinal neuroectodermal tumour: A case-based review of literature. *J Can Res Ther* 2021
69. Suna UK, Mohanty MK, Singh SR, Sharma M, Chandra V. The pattern of thoracic injuries in victims of road traffic accidents: An autopsy based cross-sectional study. *Journal of Forensic Medicine and Toxicology*. 2022;39(1):8-12.
70. Singh SR, Sharma M, Jahan A. Diaphragmatic Hernia in an Adult: An Autopsy Case Report. *Indian Journal of Forensic Medicine & Toxicology*. 2021 Jul 1;15(3):4381.
71. Sharma M, Jahan A, Rath B, Singh SR, Mohanty MK. Space Occupying Lesion-Uncovering the Hidden Pathology of the Brain: A Case Report. *Indian Journal of Forensic Medicine & Toxicology*. 2021 Jul 1;15(3):3773.
72. Padhi KS, Balmuchu G, Acharya PS, Singh SR, Joseph T. The perspectives of educators and learners on E-learning: a cross-sectional descriptive study in a medical school. *Advances in Medical Education and Practice*. 2021;12:1059.
73. Behera P, Patro BK, Padhy BM, Singh SR et al. (Aug 05, 2021) Prophylactic Role of Ivermectin in Severe Acute Respiratory Syndrome Coronavirus 2 Infection Among Healthcare Workers. *Cureus* 13(8): e16897. doi:10.7759/cureus.16897.
74. Sharma M, Maharik SS, Aeron S, Rath B, Mohanty MK. Copper beaten skull: An incidental finding in Autopsy. *Indian Journal of Forensic Medicine and Toxicology*. 2021;15(4):1914-6.
75. Sharma M, Rath B, Padhi KS, Sahoo MR, Sahu MR. Gunshot wound to the lumbar spine – Autopsy based case report. *Indian J Forensic Community Med* 2021;8(2):72-74
76. Sharma M, Rath B, Jahan A, Sharma V, Vigneshvar R, Sahu MR. Role of state and medical officials in case of sexual assault by an insane person: A case report. *Indian J Forensic Community Med* 2021;8(3):197-199
77. Dash P, Tiwari R, Mangaraj M. Teaching learning methodology in biochemistry in an institute of national importance- assessment by students. *International Journal of Medical Science and Innovative Research*. 2021;6(3):13-17
78. Sahu S, Menon M, John J. Correlation of Serum Ferritin and Adenosine Deaminase with Body Mass Index in Children: A cross-sectional study. *Indian Journal of Physiology and Pharmacology*. 65 (2); 109-114.
79. Sahu S, John J. To play or pause: Video-based or conventional lectures in medical classrooms. *Indian J Physiol Pharmacol* 2021;65(1):55-9.
80. Sahu S, Taywade M, Devi S, Nayak S, Dipthi S. A study of modifiable and non-modifiable risk factors associated with of diabetic nephropathy – A preliminary observational study in Eastern Odisha, India. *IJSMR*. 2021;1(1):21–5.
81. Sahu S, Bandyopadhyay D, Naik S, Tripathy S. The Association of Serum Uric Acid Levels with the Clinical and Radiological Findings in Knee Osteoarthritis: A Cross-sectional Study. *Journal of Arthritis* 2022; 11(2):11-14. Genbank Submission:
82. Association of gut microbiome and vitamin D in knee osteoarthritis patients: Accession: PRJNA687346. ID: 687346.
83. Redox community-based analysis of Gastric mucosal microbiome in Peptic Ulcer Patients. Accession: PRJNA684564 • SRP297664.
84. Atrophic Rhinitis and Nasal Microbiome, a novel theory of etiopathogenesis and treatment strategy. Accession: PRJNA682099 • SRP295509
85. Mohapatra PR, Bhuniya S, Panigrahi MK, Bal SK, S Patra S, Das Majumdar S, Mishra P, S Mohakud S, S Naik S, Kar M, Muduly D, Padmaja S, Ghosh S, Panigrahi SK, Durgeshwar G, Acharyulu VR, Parida D. Demographic and Molecular Epidemiologic Profile of Primary Lung Cancer in Eastern India. *J Thorac Oncol*. 2021;16(3): S463. DOI: 10.1016/j.

jtho.2021.01.795.

86. Padmaja S, Panigrahi MK, Mohapatra PR, Padhy B. Therapeutic Thoracentesis vs Iodopovidone Pleurodesis in Malignant Pleural Effusion Secondary to Lung Cancer—Randomised trial. *J Thorac Oncol.* 2021;16(3):S393.
87. Pradhan, P, Mishra, P & Karakkandy, V. An Extensive Sinonasal Rhinoscleroma: A Rare Occurrence. *Indian J Otolaryngol Head Neck Surg* (2022). <https://doi.org/10.1007/s12070-021-03014-9>
88. Samal D, Preetam C, Sahoo AK. Primary malignant melanoma limited to the External auditory canal: A rare presentation. *Ann Otol Neurotol.* 2021; 00:1-3
89. Pradhan, P, Preetam, C. Columellar Strut in Correcting the Recurrent Vestibular Stenosis. *Indian J Otolaryngol Head Neck Surg* (2021). <https://doi.org/10.1007/s12070-021-02543-7>
90. Sharma, P, Parida, P.K., Preetam, C. et al. Outcome of Temporalis Fascia Myringoplasty With and Without use of Platelet Rich Plasma: A Randomized Control Trial. *Indian J Otolaryngol Head Neck Surg* (2021). <https://doi.org/10.1007/s12070-021-02615-8>
91. Sharan J, Barhare U, Jena AK. Teledentistry: Our experience during the COVID-19 pandemic at a tertiary care hospital. *Int J Applied Dent Science* 2022;8(1):157-162.
92. Verma S, Chandra A, Sharan J, Jena AK. Nanotechnology in Endodontics- A Hope or Hype. *Trends Biomaterial Artificial Organs* 2021;35(2):190-202.
93. Berhate UH, Mangaraj M, Sharan J, Jena AK. Applications of platelet rich fibrin in Dental Surgery: A comprehensive literature review: platelet rich fibrin in Dentistry. *Trends Biomaterials Artificial Organs* 2021;35(2):203-213.
94. Nayyer N, Jena AK, Sharan J. Late upper airway constriction and its prevention by interceptive functional appliance therapy- a review. *Orthod J Nepal* 2021;11(2):88-94.
95. Sharan J, Jena AK, Basnyat SKC. Feasibility of COVID-19 oral health care guidelines in day to day practice: Our experience in a tertiary care hospital. *Int J Applied Dent Science* 2021;7(4):154- 161.
96. Jena AK, Anusuya V, Sharan J. COVID war or KARMA war: Who deserves homecoming?? Are we taught anonymously the forgotten lesson of BHAGAVAD GITA? *Ind J Forensic Med Toxicol* 2021; 15(4): 2943-2945.
97. Ahmad SA, Tripathy S. Problem Based Case Discussion: Worst Headache Ever. *Critical Care Communications, ISCCM Newsletter.* 2022; 17:55-56.
98. Kar N, Tripathy S. Stress, anxiety, and depression: A comparative study of perceptions of patients in the ICU, other wards and their family caregivers in a low middle income country. *Psychiatry Research Communications.* 2022;2(2):100035.
99. Sontakke N, Singh S, Mitra S, Behera K, Mohanty P. Predictors of Antenatal Insulin Requirement in Women with Gestational Diabetes Mellitus: A Prospective Observational Cohort Study. *Journal Of Endocrinology and Metabolism,* 2022. 12(1), 32-39.
100. Singh S. Chasing the virus: Not only difficult but impossible. Are we going to hit a dead end?. *Med J DY Patil Vidyapeeth* 2022; 15:444
101. Singh S, Dasgupta P, Rashmi N, Mashangva T. "Pandemic, Planning, Population, and Pertinent Policies" with Reference to the Editorial "Pandemic, Panic, Policies, and the Paradox of Control". *Med J DY Patil Vidyapeeth* 2021; 14:579-80
102. Begum J, Singh S, Tripathy BB, Som TK. Neonatal laparoscopic ovarian cystectomy for a prenatally diagnosed ovarian cyst. *Journal of Gynecologic Surgery.* 37(4)Aug 2021.355-356.
103. Begum J, Maharana N. K, Sethi D. B, Reddy P. N. D. Assessment of knowledge, attitude and anxiety among nursing professionals towards Covid-19 Pandemic: A cross sectional study. *Indian Journal of Preventive & Social Medicine* 2021 Apr 52(4), 197-207.
104. Begum J, Singh S, Tripathy BB, Som T. Neonatal Laparoscopic Ovarian Cystectomy for a Prenatally Diagnosed Ovarian Cyst. *B J of gyn surg.* 2021; Aug 37(4): 355–356
105. Devi S, Kar N, Sahoo D, Das T, Acharya D, Das D. Brucella endocarditis of bicuspid aortic valve. *J Clin Prev Cardiol* 2021; 10:147-9
106. Dey A, Kar N, Sahoo D, Devi S. Stenotrophomonas maltophilia: a rare cause of left sided prosthetic valve endocarditis. *Indian Heart Journal* 73 (2021) S13-S14
107. Rout SK, Giri SK, Panda R, Sahu RK, Suba S and Mallik M. Microvascular Head & Neck reconstruction in an Institution During its formative Stage. *Clin Onco.* 2021; 5(4): 1-5.

108. Giant intramuscular infiltrating fibrolipoma of the right leg with common peroneal nerve neuropathy Sanjay K. Giri,1 Dipun Mishra,2 Mantu Jain,2 Suvnedu Purkait3K. Giri S, et al. *BMJ Case Rep* 2021;14:e244852. 13th Aug 2021.
109. Mallik M,Rout SK,Sahu RK. Watermelon Slice Flaps-a Novel Technique to Reconstruct the Buttock and Natal Cleft in *Indian Journal of Surgery*.Mar 2022.
110. Rout SK, Fracture Mandible Treated with Mini-Plate Fixation with & Without IMF:A Retrospective Comparison. *Clin Surg*. 2021; 5(5): 1-8.
111. Rout SK, Giri SK, Panda R, Bansal S and Singh N. Extensive Marjolin's Ulcer of Scalp in a Patient with Cardiac Dysfunction - A Reconstructive Challenge. *Clin Onco*.2021; 4(5): 1-4.
112. Mallik M, Rout SK, Sahu RK. Back to Basics – The best approach in reconstructive surgery to tide over the COVID pandemic crisis. *J Surg Surgical Res* (2021); 7(2): 083-087.
113. Extensive Marjolin's Ulcer of Scalp in a Patient with Cardiac Dysfunction - Reconstructive Challenge Rout SK1*, Giri SK1, Panda R1, Bansal S2 and Singh N3 *Clinics of Oncology* ISSN: 2640-1037 Volume 4 Received: 14 Apr 2021 Accepted: 05 May 2021 Published: 10 May 2021.
114. Dutta T, Mishra B B, Samantaray S P, A prospective study of prognostic factors predicting outcome of surgery in chronic pancreatitis at a tertiary care centre in India. *Panacea J Med Sci* 2021;11(2):182-186
115. Uppal M, Pal S, Dangi S, Dutta T, Tandon N, Madhusudan KS, et al. Total pancreatectomy for NET pancreas: early experience with the "Artery-First" approach at a tertiary care centre in India. *HPB*. 2021;23:S255-6.
116. Dutta, T., Pattnaik, B., Nayak, H.K., Mahakud, S., Tripathy, T., Panigrahi, C. and Patra, S. Retropancreatic ancient schwannoma: a great mimicker of malignant cystic neoplasm. *ANZ Journal of Surgery*. 92: 3058-3060.
117. Subba SH. Too little too late? Or a small step in the right direction? - Cancer screening in India. *Indian J Community Fam Med* 2021;7:71-3
118. Subba SH. Psychedemic of mental health problems and COVID19: Are we doing enough? *Indian J Community Fam Med* 2021;7:1-3.
119. Behera SM, Pradhan SK, Pati S, Behera P, Kanungo S, Patro BK. Adherence of chronic disease care during COVID-19 pandemic: Results from eastern India. *Int J Non-Commun Dis* 2021;6:180-6
120. Patra S, Acharya SP, Taywade M, Bandyopadhyay D, Patro BK. Prevalence and psychosocial correlations of COVID-19-related worries in people with diabetes mellitus seeking services from East Indian tertiary care center: A cross-sectional survey results. *Curr Med Issues* 2021;19:157-61.
121. Sahoo BK, Taywade M, Bhatia V, Patro BK, Mohanty S. Executive health checkup package at All India Institute of Medical Sciences, Bhubaneswar: A novel approach. *Indian J Community Fam Med* 2021;7:8-11
122. Patra S, Patro BK. COVID-19, lockdowns and internet access: Is it pushing adolescents towards suicide?. *J. Indian Assoc. Child Adolesc. Ment. Health* 2021;17(2):216-218.
123. Parida SP, Bhatia V, Giri PP, Behera BK, Alekhya G, Choudhury P. Epidemic of undernutrition during COVID-19 pandemic. *Int J Res Med Sci* 2021;9:923-9. doi: <http://dx.doi.org/10.18203/2320-6012.ijrms20210903>.
124. Parida SP, Bhatia V, Alekhya G. Revamped vaccination policy in India, need of the hour. *Int J Res Med Sci* 2021;9:3491-4. DOI:10.18203/2320-6012.ijrms20214437
125. Das A, Akshaya R, Pentapati SS, Taywade M, Parida SP. Medical education challenges during remote learning: Open book assessments. *Curr Med Issues* 2021;19:197-201. DOI: 10.4103/cmi.cmi_12_21
126. Dev A, Taywade M, Mishra A, Behera BK. "Time to revamp existing integrated child development services logo contextual with 21st century". *MRIMS J Health Sci* 2022;10:32-3
127. Sahoo BK, Taywade M. One minute paper: The reflective way to teach and learn in medical education. *IJFCM* 2021;8(1):58-62. <http://doi.org/10.18231/j.ijfcm.2021.012>
128. Sahoo BK, Taywade M, David KNR, Das A. Public Health Updates: New Dimension in Teaching Learning Practice among Postgraduate Students in Community Medicine. *Natl J Community Med* 2021;12(4):92-94. DOI: 10.5455/njcm.20210323125207
129. Behera BK, Bhatia V, Parida SP, Giri PP, Taywade M. Contraceptive Practice among Frontline Grassroot Level Health Workers in an Urban Setting. *Health and Perspective and Issues* 2021 Aug 44(2):85-90.
130. Sethi D, Taywade M. Exclusive Outlook of a Community Health Professional: A changed Perspective. *Arch Med Health*

Sci 2021;9:178-80. DOI:10.4103/amhs.amhs_35_21

131. Das A, Akshaya R, Pentapati SS, Taywade M, Parida SP. Medical education challenges during remote learning: Open book assessments. *Curr Med Issues* 2021;19:197-201. DOI:10.4103/cmi.cmi_12_21
132. Taywade M, Chandanshive PD, Pradhan SK. COVID-19 pandemic and role of behavior change communication. *Curr Med Issues* 2021;19:185-7. DOI:10.4103/cmi.cmi_5_21
133. Patra S, Acharya SP, Taywade M, Bandyopadhyay D, Patro BK. Prevalence and psychosocial correlations of COVID-19-related worries in people with diabetes mellitus seeking services from East Indian tertiary care center: A cross-sectional survey results. *Curr Med Issues* 2021;19:157-61. DOI:10.4103/cmi.cmi_39_21
134. Sahoo BK, Taywade M, Bhatia V, Patro BK, Mohanty S. Executive health checkup package at All India Institute of Medical Sciences, Bhubaneswar: A novel approach. *Indian J Community Fam Med* 2021;7:8-11. DOI:10.4103/ijcfm.ijcfm_14_21
135. Das A, Taywade M, Sahoo BK, Das K. Migration and health during COVID-19: Indian perspective need to focus on the migrant health. *Amrita J Med* 2021;17:86-8. DOI:10.4103/AMJM.AMJM_39_21
136. Kumbha G, Sahu S, Sahoo BK, Taywade M. Portfolio during community medicine academic residency training in India: Way forward. *Amrita J Med* 2021;17:89-92. DOI:10.4103/AMJM.AMJM_40_21
137. Kumar P, Taywade M. Management of acute encephalitis syndrome endemic during COVID-19 pandemic in India. *Int J Health Sci Res.* 2021;11(12):162-166. DOI: <https://doi.org/10.52403/ijhsr.20211222>
138. Pal D, Taywade M, Alekhya G. Designing a comprehensive lesson plan: A crucial aspect in improving the teaching learning process. *Curr Med Issues* 2022;20:48-51. DOI:10.4103/cmi.cmi_83_21
139. Pal M, Devi S, Taywade M. Experiences of menstruation with factors influencing menstrual hygiene practices among adolescent girls attending outpatient Department of secondary care hospital setting: A cross-sectional study. *Amrita J Med* 2022;18:20-5. DOI:10.4103/AMJM.AMJM_2_22.
140. Behera P, Subba SH, Mishra N. Chapter: Overcoming COVID-19 in Odisha. Book: COVID-19: A View from the Margins. ISBN 978-93-91928-76-6. Manohar Publisher and Distributor. Published in Feb 2022.
141. Bhatia V, Gopi G, Behera P*. Plant-based diet: A solution to the sustainability of Life and Environment. *IJCFM* 2021;7(1):19-24.
142. Behera SM, Pradhan SK, Pati S, Behera P, Kanungo S, Patro BK. Adherence of chronic disease care during COVID 19 pandemic: Results from eastern India. *Int J Non Commun Dis* 2021;6:180-6.
143. Dev A, Taywade M, Mishra A, Behera BK. "Time to revamp existing integrated child development services logo contextual with 21st century". *MRIMS J Health Sci* 2022;10:32-3
144. Sardar A, Sarkar S. Individualized Homoeopathy in the Treatment of Seborrheic Dermatitis: An Evidence-Based Clinical Case Report. *Advancements in Homeopathic Research.* 2021; Vol. 6 No.3: p. 55-60.
145. Sarkar S, Sardar A. Role of Homoeopathy in Rheumatoid Arthritis: An Overview. *The Homoeopathic Heritage.* 2021; vol. 47 no. 03: p. 46-48.
146. Sarkar S, Sardar A. Homoeopathic Treatment of Calcaneal Spur. *Arogya Sudha. AIIMS Bhubaneswar;* 2021-2022; Vol.3: p. 9-10.
147. Mahanta D, Singh J, Mahapatra RP, Barik R. Guide catheter tip-induced type-II aortocoronary dissection bailed out by stenting the left main coronary artery. *Journal Of Indian College of Cardiology.* 2022 Jul 1;12(3):133.
148. Kumar P, Jain M, Amirthavaali G, Mishra T, Sasml P, Lubaib K.P, Gond P, Sarthak S. Impact of personal protective equipment on patient safety and health care workers. *Medical Journal Armed Forces India.* 2021 10.1016/j.mjafi.2021.07.004.
149. Glasbey J, on behalf of the COVIDSurg Collaborative. Sultania M. 1566MO Resilience of elective cancer surgery systems during COVID-19 lockdowns: International, prospective cohort study of planned surgery for 15 tumour types in 61 countries. *Ann Oncol.* 2021 Sep;32:S1132-3.. Epub 2021 Sep 21. PMID: PMC8454370.
150. COVIDSurg Collaborative. Sultania M. Resilience of elective cancer surgery systems during COVID-19 lockdowns: an international, multicentre, prospective cohort study. *The Lancet.* 2021 Nov;398:S(2)11.
151. P Jain, E. Rebba, D. K. Muduly, M. Sultania, P. Mishra, M. Sable, S. Mohakud, M. Kar. Significance of intraoperative frozen assessment of cavity shave margins in patients undergoing breast conservation surgery: A tertiary care centre experience. - *Annals of Oncology.* Volume 33, Supplement 3, May 2022, Page S237

152. Mahesh Sultania, Itisha Chaudhary, Dillip K Muduly, Sudipta Mohakud, Saroj K das Majumdar, Amit K Adhya, Madhabananda Kar. Triple Positive Oral Squamous Cell Carcinoma Patients Show Poorer Survival. – Journal of the American College of Surgeons. Volume 233, Issue 5, Supplement 2, Nov 2021, Page e187..
153. S Ambre, D Muduly, M Imaduddin, L Colney, P Kumar CG, M Sultania, J Swain, G Chhabra, M Kar. P-254 Role of neutrophil-lymphocyte ratio in the prognosis of stomach carcinoma undergoing curative resection. – Annals of Oncology. Volume 32, Supplement 3, Jul 2021, Page S185.
154. L Colney, D Muduly, M Imaduddin, S Ambre, P Kumar CG, M Sultania, J Swain, S Majumdar, S Mohakud, S Patra, M Kar. P-244 Role of preoperative contrast-enhanced computed tomography in staging of gastric cancer in patients undergoing upfront surgery with curative intent. – Annals of Oncology. Volume 32, Supplement 3, Jul 2021, Page S182..
155. P Kumar CG, D Muduly, M Imaduddin, S Ambre, L Colney, M Sultania, J Swain, S Majumdar, S Mohakud, S Patra, M Kar. P-282 Factors predicting response to neoadjuvant chemotherapy in gastric cancer. – Annals of Oncology. Volume 32, Supplement 3, Jul 2021, Page S193.
156. Sultania M, Imaduddin M, Muduly D, Kar M. P-178 Low cost, oral, metronomic therapy protocol in locally advanced oral cancers in Eastern India–Feasibility study. Oral Oncology. 2021 Jul 1;118:1.
157. Colney L, Muduly D, Imaduddin M, Ambre S, CG PK, Sultania M, Swain J, Majumdar S, Mohakud S, Patra S, Kar M. P-244 Role of preoperative contrast-enhanced computed tomography in staging of gastric cancer in patients undergoing upfront surgery with curative intent. Annals of Oncology. 2021 Jul 1;32:S182.
158. CG PK, Muduly D, Imaduddin M, Ambre S, Colney L, Sultania M, Swain J, Majumdar S, Mohakud S, Patra S, Kar M. P-282 Factors predicting response to neoadjuvant chemotherapy in gastric cancer. Annals of Oncology. 2021 Jul 1;32:S193.
159. Ambre S, Muduly D, Imaduddin M, Colney L, CG PK, Sultania M, Swain J, Chhabra G, Kar M. P-254 Role of neutrophil-lymphocyte ratio in the prognosis of stomach carcinoma undergoing curative resection. Annals of Oncology. 2021 Jul 1;32:S185.
160. Ghalige H, Sultania M, Muduly D, Kar M. Relation of Tobacco and Betel Nut Consumption with Oral Cancer and Pathogenesis. 21th FHNO Conference (Virtual), 2021. J Head Neck Physicians Surg 2022;10, Suppl S1:1-193.
161. Ambre S, Muduly D, Imaduddin M, Colney L, CG PK, Sultania M, Swain J, Chhabra G, Kar M. P-254 Role of neutrophil-lymphocyte ratio in the prognosis of stomach carcinoma undergoing curative resection. Annals of Oncology. 2021 Jul 1;32:S185.
162. Singh A, Chaudhary I, K.R Dipin, Sultania M, Muduly D, Swain J, et al Depth of Invasion is a significant factor for regional recurrence in patients of Oral Squamous Cell Carcinoma undergoing Curative Resection 21st FHNO Conference (Virtual), 2021. J Head Neck. Physicians Surg 2022;10, Suppl S1:1-193.
163. Parija S, Sen S. Childhood glaucoma-A review of basics. Med J DY Patil Vidyapeeth 2022;15:148-5.
164. Misra, A., Mandal S., Das, M. et al. Isolated renal hydatid disease: varied presentations, treatments, dilemmas, and the way ahead: case report series. Afr J Urol 27, 83 (2021).
165. Misra A, Mandal S, Mitra S, Nayak P. Sarcomatoid differentiation; A rare variant of squamous cell carcinoma of penis. Indian Journal of Surgery. 2021; 83(5): 1299-1301.
166. Jain G, Datt R, Mahmood A, Nag HL. Neglected basicervical neck of femur fracture treated with closed reduction and internal fixation with a cephalomedullary nail alone: A case report. Indian J Case Reports. 2022; 8(2):37-9.
167. Pippal HK, Krishna A, Tank S, Jain G*, Kumar M, Kumar V. A Prospective Study Comparing Arthroscopic Release, Intra-articular Steroid and Physical Therapy for Frozen Shoulder. J Clin of Diagn Res. 2022; 16(9):RC01-RC05.
168. Krishna A, Vijayakumar V, Bansal T, Garg SK, Gupta S, Jain G*. Does Cementing Influence CRP and ESR Levels after Total Hip Replacement in Early Postoperative Period? A Prospective Interventional Study. J Clin of Diagn Res. 2022; 16(8):RC17-RC20.
169. Jain G, Datt R, Nag HL, Mahmood A, Shekhar S, Nag TC. Ultrastructural Characteristics of Chronically Failed Reconstructed Anterior Cruciate Ligament. Journal of Arthroscopy and Joint Surgery. 2022; 9(1) 17-21
170. Prashasth Belludi Suresh, Sarvdeep Singh Dhatt, Vishal Kumar, Amit Kumar Salaria, Deepak Neradi, Tanvir Samra, Kajal Jain, Application of Modest Hypothermia in Patients with Acute Traumatic Cervical Spine Injury: A Pilot Study, Spine Surgery and Related Research, Article ID 2021-0137, Advance online publication Feb 10, 2022, Online ISSN 2432-261X
171. Vishal Kumar, Deepak Neradi, Shivam Maheshwari, Guisela Quinteros, Ratko Yurac. AN ANALYTICAL REVIEW OF CONTRIBUTORY FACTORS IN INTERVERTEBRAL DISC DEGENERATION. Coluna/Columna [online]. 2022, v. 21, n. 2 [Accessed 21 Sep 2022], e253646.

172. Patro BP, Patra SK, Das G, Sahoo J. Suction Drain Is Safe and Effective in Total Knee Arthroplasty JOHP 16(3) Jul to Sept, 2021 (Jul Supplement Issue-A) Page-8.
173. Pandey A. KEYNOTE-564: Adjuvant immunotherapy for renal cell carcinoma. Indian Journal of Urology: IJU: Journal of the Urological Society of India. 2022 Jan;38(1):75.
174. Pandey A. Can early salvage radiotherapy replace adjuvant radiotherapy as the new standard of care for high-risk post radical prostatectomy patients? Indian J Urol. 2021 Apr-Jun;37(2):195-196
175. Mishra M, Barik SK, DasMajumdar SK, Parida DK. A Clinico-Dosimetric Correlation of lacrimal Gland Dose and Dry Eye in Definitive CNS irradiation. ESTRO Abstract Book 2022; PO-1124: 956
176. Parida DK, Barik SK, Amritt A, Mishra M, Devi P, Das Majumdar SK. Pandemic adaptation in oncological management-a tertiary care radiation oncology center experience. Cancer Adv 2022;5:e22004. <https://doi.org/10.53388/2022522004>
177. Patnaik M, Mohakud S, Gaikwad MR, Ravi PK. A case of accessory anterior hepatic fissure: Cadaveric study with retrospective radiological investigation into its vascularity. Natl J Clin Anat 2022; 11:118- 21.
178. Sahoo S, Mishra PR, Mishra S, Kar M, Padhy SK. Perceived stress and coping skills in the newly joined medical undergraduate students: An exploratory study from Eastern India Mental Health Hum Behav 2021;26:122-131
179. Kar A, Ravi P K, Samal S, Gaikwad M R. Splenunculus can mimic acute abdomen: It's clinical and surgical Relevance Int J Anat Res 2021, Vol 9(1.1):7861-64.
180. Ravi PK and Gaikwad MR. Topographical Variations of Wormian Bones in Eastern-Indian Dry Human Skulls: Current Perspective and Review of Literature. J Human Anat 2021, 5(1): 000155.
181. Guru S, Behera A, Barik S, Hansdah U, Mohanty CR, Sahoo S. Severe oleander poisoning presenting with hyperkalaemia and unusual electrocardiographic changes. EJCRIM 2021;8: doi:10.12890/2021_003044.
182. Sahoo S, Singh N, Mohanty CR, Hansda U, Sahoo J, Sahu A. Macintosh laryngoscope versus AMBU King Vision video laryngoscope for endotracheal intubation using a COVID-19 barrier box: A randomized controlled trial. Int J Crit Illn Inj Sci. 2021 Jul-Sep;11(3):151-155.
183. Padhy SK, Menon V, Kar SK. Covid-19 and Tele-Health: Time to Move from Practice to Policy. Indian Journal of Psychological Medicine 2022; 02537176211056789
184. Parmar A, Nath S, Padhy SK. List of essential psychotherapeutic medicines 2019 of India: When science was left behind. Indian Journal of Psychiatry 2022; 64(2): 209-212
185. Mishra S, Das N, Mohapatra D, Mishra BR. Mindfulness-Based Cognitive Therapy in Depersonalization-Derealization disorder: A Case Report. Indian Journal of Psychological Medicine. 2021 Sep 28:02537176211040259.
186. Kumari R, Menon V, Padhy SK. One Flew over the Cuckoo's Nest: The Chronicles of Stigma and a Proposed Socio-Cognitive-Emotional-Behavioral Model for Understanding Its Genesis in COVID-19. 2021; Psychiatr Danub Fall 2021; 33(3):378-385. doi: 10.24869/psyd.2021.378.
187. Patra S, Patro BK, Padhy SK, Mantri J. Prevalence of diabetes distress and its relationship with self-management in patients with type 2 diabetes mellitus. Industrial Psychiatry Journal 2021. 30(2):34.
188. Mishra S, Nath S, Padhy SK. Baclofen Induced Suicidality in a Patient with Alcohol Dependence Syndrome: A Case Report with Review of Literature. Psychiatria Danubina 2021.33(3): 358-360.
189. Routray SS, Ray GK, Prakash S, Mukherjee S, Sahu A. Detection of ABO Discrepancy in a Case of Coronary Artery Disease by Conventional Tube Technique: A Miss by Column Agglutination Technology. Accepted in Journal of laboratory Physicians. (Pubmed ID awaited)
190. Mishra B, Ranjan J, Purushotham P, Saha S, Payal P, Kar P, et al. High proportion of low cycle threshold value as an early indicator of COVID-19 surge. J Med Virol. 2022 Jan;94(1):240-245. PMID: 34460115.
191. Hallur V, Prakash H, Sable M, Preetam C, Purushotham P, Senapati R, Shankarnarayan SA, Bag ND, Rudramurthy SM. Cunninghamella arunalokei a New Species of Cunninghamella from India Causing Disease in an Immunocompetent Individual. J Fungi (Basel). 2021 Aug 19;7(8):670.
192. Ravi PK, Singh SR, Mishra PR. Redefining the tail of pancreas based on the islets microarchitecture and inter-islet distance: An immunohistochemical study. Medicine. 2021 Apr 30;100(17).
193. Sirka CS, Sahu K, Hallur V, Rout AN, Bains A. Pleomorphic and Widespread Lesions of Phaeohyphomycosis in a Leprosy Patient on Corticosteroid. Indian Dermatol Online J. 2021 Mar 2;12(2):319-323.

194. Dash S, Nayak AK, Sethy M, Palit A, Behera B. Dermoscopic findings of de novo syringocystadenoma papilliferum. *Indian J Dermatol Venereol Leprol.* 2021 Mar-Apr;87(2):278-280.
195. Behera B, Kumari R, Thappa DM, Gochhait D, Srinivas BH, Ayyanar P. Dermoscopic features of basal cell carcinoma in skin of color: A retrospective cross-sectional study from Puducherry, South India. *Indian J Dermatol Venereol Leprol.* 2021 Apr 23:1-7.
196. Behera B, Dash S, Palit A. Sandpaper: An easy and effective tool to get rid of scales during the dermoscopic examination in plaque psoriasis. *Indian J Dermatol Venereol Leprol.* 2021 Apr 12:1-2.
197. Behera B, Chiramel MJ, Kumari R, Gochhait D. Linear Comedonal Epidermolytic Nevus: A Rare Entity. *Am J Dermatopathol.* 2021 May 1;43(5):397-399
198. Behera B, Kumari R, Mohan Thappa D, Gochhait D, Ayyanar P. Pigmented infundibulocystic basal cell carcinoma: A diagnostic challenge in dark skin. *Australas J Dermatol.* 2021 May;62(2):e349-e351.
199. Behera B, Chandrashekar L, Thappa DM, Gochhait D, Srinivas BH, Ayyanar P. Dermoscopic features of benign cutaneous adnexal tumours in dark skin: A retrospective study from South India. *Australas J Dermatol.* 2021 May;62(2):e249-e255.
200. Sirka CS, Rout AN, Purkait S. Recurrent Pustular Erythema Nodosum Leprosum: A Rare Case Report. *Indian Dermatol Online J.* 2021 May 12;12(3):439-440.
201. Dash S, Palit A, Mitra S, Behera B. Multidermatomal Zosteriform Collagenoma: A Rare Case Report with Dermoscopic Findings and Review of Literature. *Indian Dermatol Online J.* 2021 May 12;12(3):447-450.
202. Behera B, Singh N, Kumari R, Thappa DM, Rajesh NG. Unusual Histopathological Features in a Case of Seronegative Lues Maligna. *Am J Dermatopathol.* 2021 May 1;43(5):396-397
203. Panda M, Dash S, Behera B, Sil A. Dermatological Manifestations Associated with COVID-19 Infection. *Indian J Dermatol.* 2021 May-Jun;66(3):237-245.
204. Behera B, Kumari R, Thappa DM, Gochhait D, Ayyanar P. Linear comedonal Darier disease: A rare variant. *Australas J Dermatol.* 2021 May;62(2):e318-e319.
205. Behera B, Kumari R, Thappa DM, Toi PC. Clinical and Dermoscopic Features of a Case of Idiopathic T-Cell Pseudolymphoma. *Indian Dermatol Online J.* 2021 Jun 20;12(4):583-586.
206. Behera B, Kumari R, Gochhait D, Ayyanar P. Unilateral Pompholyx in a Patient of Anterior Horn Disease: An Unusual Presentation. *Dermatol Pract Concept.* 2021 Jul 8;11(3):e2021047.
207. Behera B, Palit A, Pattnaik JI, Mishra P. Factitious Ulcer: A Diagnostic Challenge. *Indian Dermatol Online J.* 2021 Jul 14;12(4):597-599.
208. Dash S, Behera B, Palit A, Sethy M. Dermoscopy and Histopathology of Darier Disease-Associated Nevoid Hyperkeratosis of Nipple and Areola. *Dermatol Pract Concept.* 2021 Jul 8;11(3):e2021044.
209. Behera B, Srinivas BH, Kumari R, Thappa DM, Ayyanar P. Pigmented trichilemmoma: A potential mimicker. *Australas J Dermatol.* 2021 Aug;62(3):e462-e464.
210. Behera B, Palit A, Sethy M, Nayak AK, Dash S, Ayyanar P. Dermoscopic features of acute cutaneous lupus erythematosus: A retrospective analysis from a tertiary care centre of East India. *Australas J Dermatol.* 2021 Aug;62(3):364-369.
211. Behera B, Nayak AK, Dash S, Sethy M. Subacute Cutaneous Lupus Erythematosus: Diagnosis and Follow Up by Dermoscopy. *Indian Dermatol Online J.* 2021 Aug 2;12(5):755-757.
212. Behera B, Kumari R, Mohan Thappa D, Gochhait D, Hanuman Srinivas B, Ayyanar P. Dermoscopic features of primary cutaneous amyloidosis in skin of colour: A retrospective analysis of 48 patients from South India. *Australas J Dermatol.* 2021 Aug;62(3):370-374.
213. Behera B, Kumari R, Mohan Thappa D, Gochhait D, Ayyanar P. Dermoscopy in the diagnosis of generalized acute cutaneous lupus erythematosus. *Int J Dermatol.* 2021 Aug;60(8):e306-e308.
214. Behera B, Chandrasekhar L, Thappa DM, Gochhait D. A Flat-Topped Plaque over the Mammary Area. *Indian Dermatol Online J.* 2021 Aug 2;12(5):780-782.
215. Behera B, Chandrasekhar L, Thappa DM, Gochhait D. A Flat-Topped Plaque over the Mammary Area. *Indian Dermatol Online J.* 2021 Aug 2;12(5):780-782.
216. Pradhan S, Sirka CS, Dash G. Peeling Skin Syndrome: An Easily Missed Rare Entity. *Skinmed.* 2021 Aug 1;19(4):305-307.

217. Dash S, Behera B, Sethy M, Mishra J, Garg S. COVID-19 vaccine-induced urticarial vasculitis. *Dermatol Ther.* 2021 Sep;34(5):e15093.
218. Biswas D, Sethy M, Behera B, Palit A, Mitra S. Image Morphometric Analysis of B Cells and Plasma Cells in Erythema Nodosum Leprosum With Clinicopathological Correlation. *Am J Dermatopathol.* 2021 Oct 1;43(10):700-706.
219. Rout AN, Pradhan S, Sirka CS. Pinch-punch technique for scrotal calcinosis cutis. *Indian J Dermatol Venereol Leprol.* 2021 Nov-Dec;87(6):858-860.
220. Sirka CS, Rout AN, Kumar P, Purkait S. Lupus vulgaris masquerading as tumorous growth. *Indian J Dermatol Venereol Leprol.* 2021 [SEASON];87(4):562-565.
221. Pradhan S, Sahu K, Dash G, Sirka CS. Malnutrition dermatosis following adrenal insufficiency in an adult. *Indian J Dermatol Venereol Leprol.* 2021 Nov-Dec;87(6):844-847.
222. Dash S, Sirka CS, Mishra S, Viswan P. COVID-19 vaccine-induced Stevens-Johnson syndrome. *Clin Exp Dermatol.* 2021 Dec;46(8):1615-1617.
223. Gulati R, Katakam BK, Ranugha PSS, Gupta M, Rao TN, Panda M, Munisamy M, Chiramel MJ, Puri N, Gupta S, Behera B, Dabas G. Recommendations for Pediatric Dermatology Practice during COVID-19 Pandemic. *Indian Dermatol Online J.* 2021 Nov 25;12(Suppl 1):S66-S70.
224. Biswas D, Sethy M, Behera B, Palit A, Mitra S. T-Regulatory Cells in Erythema Nodosum Leprosum: An Immunohistochemical and Image Morphometric Study. *Am J Dermatopathol.* 2021 Dec 1;43(12):e149-e157.
225. Behera B, Remya R, Chandrashekar L, Thappa DM, Gochhait D. Tufted angioma successfully treated with topical timolol gel-forming solution. *Indian J Dermatol Venereol Leprol.* 2021 [SEASON];87(4):581-584.
226. Behera B, Kumari R, Thappa DM, Gochhait D, Srinivas BH, Ayyanar P. Dermoscopy of Bowen's disease: A case series of five patients. *Indian J Dermatol Venereol Leprol.* 2021 [SEASON];87(4):576-580.
227. Sirka CS, Rout AN, Patra S, Nayak HK. Strongyloides Hyperinfection Syndrome in Dermatology in-Patients: A Case Series. *Indian Dermatol Online J.* 2022 Jan 24;13(1):94-97.
228. Mohapatra PR. Till We Win. India's Fight against COVID-19 Pandemic. Chandrakant Lahariya, Gagandeep Kang, Randeep Guleria (eds). Penguin Random House India, (book review published in National Medical Journal of India, 2021;34(3);185-185
229. Ponde V, Singh N, Chavan D, Nagdev T. Interscalene brachial plexus block in a neonate: here's how. *Indian J Anaesth.* 2021;65(9):700-701.
230. Bhatia R, Halder P, Puri I, Padma Srivastava M V, Bhoi S, Jha M, Dey A, Naik S, Guru S, Singh MB, Vishnu V Y, Rajan R, Gupta A, Vibha D, Pandit AK, Agarwal A, Salunkhe M, Singh G, Prasad D, Panda S, Anand S, Rohila AK, Khera PS, Tiwari S, Bhaskar S, Garg M, Kumar N, Dhar M, Tiwari A, Agrawal N, Raju GB, Garg J, Ray BK, Bhardwaj A, Verma A, Dongre N, Chhina G, Sibia R, Kaur R, Zanzmera P, Gamit A, Iype T, Garg R, Singh S, Kumar A, Ranjan A, Sardana V, Soni D, Bhushan B, Dhamija RK, Saluja A, Bala K, Dabla S, Goswami D, Agarwal A, Shah S, Shah S, Patel M, Joshi P, Awasthi S, Nath S, Chandan S, Malik R, Chowdhury N. Study Protocol: IMPETUS: Implementing a uniform stroke care pathway in medical colleges of India: IMPETUS Stroke. *Ann Indian Acad Neurol* 2022;25:640-6 (Pubmed indexed; Online since Friday, Sep 9, 2022 ; PMID awaited)
231. Singamsetty, R., Rout, S.K., Giri, S.K. et al. Aesthetic Outcome of Gynecomastia Management with Conventional Liposuction and Cross-Chest Liposuction: A Prospective Comparative Study. *Aesth Plast Surg* (2021).
232. Tripathy SS, Mohapatra D, Sahu RK et al The Impact of "COVID-19" and "Webinar Pandemic" on Plastic Surgery Practice in Teaching Institutes and Resident Training - A Multicentric Prospective. *Indian J Plast Surg* 2022 Feb
233. Versatility of Medial Sural Artery Islanded Pedicled Perforator Flap for Resurfacing Areas Around the Knee Santanu Suba, MBBS, MS, MCh, Sanjay Kumar Giri, MBBS, MS, Mch Plastic Surgery, Priyanka Pant, MBBS, DNB, and Aparna Kanungo, MBBS, MS *Annals of Plastic Surgery • Volume 88, Number 6, Jun 2022.*
234. Panda R, Rout SK, Kanungo A. Extensive papulonodular xanthoma: a diagnostic clue to homozygous familial hyperlipidaemia. *BMJ Case Rep.* 2022 Mar 16;15(3):e245418.
235. Understanding and Perceptions of Skin Donation and Skin Banking among Health Care Professionals – Tertiary Care Centre in Eastern India Mrs. Serma Subathra Arunachalam Dr Asha P Shetty Dr Sanjay K Giri Dr Shankar Shanmugam Rajendran Mr. HariKrishnan Eswaran Vol 4 No 6 (2021): Volume 04 Issue 06 Jun 2021 Article Date Published : 8 Jun 2021 | Page No.: 487-498 |

236. Rout, S.K. Aesthetic Outcome of Gynecomastia Management with Conventional Liposuction and Cross-Chest Liposuction: A Prospective Comparative Study. *Aesth Plast Surg* (2021).
237. Rout SK, Panda R, Mallik M. Esthetic outcome of cleft lip repair with the use of tissue adhesive as opposed to suture for skin closure – A retrospective comparative study. *J Cleft Lip Palate Craniofac Anomal* 2022;9:41-8.
238. Rout, S.K. Correction of congenital cleft ear lobes: optimal outcome with simple surgical approach. *J. Maxillofac. Oral Surg.* (2022).
239. Deep N, Mohakud S, Jain M, Naik S, Baisakh M. Large Intraosseous Haemangioma of the Sacral Vertebra: The radiological imaging findings. *Sultan Qaboos Univ Med J* [Internet]. 2022Mar.16 [cited 2022Sep.8];1(1). Available from: <https://journals.squ.edu.om/index.php/squmj/article/view/4945>
240. Sahoo B, Sultania M, Jha S. et al. Cystic retroperitoneal metastasis from testicular seminoma, radiologically mimicking as lymphangioma. *Egypt J Radiol Nucl Med* 53, 10 (2022). <https://doi.org/10.1186/s43055-021-00691-y>
241. Sahoo B, Panigrahi M K, Nayak H K, Deep N, Mishra S, Kumar C. Haemosuccus pancreaticus: A diagnostic challenge and its management through interventional radiology. *Egypt J Radiol Nucl Med*, 2021
242. Sahoo B, Mohanty S, Mishra S, Chouhan M I, Bhat S J, Kumar C, et al. Ultrasound-Guided Plugged Percutaneous Liver Biopsy in Patients with a High Risk of Bleeding in An Under-Resourced Community. *Journal of clinical and experimental hepatology* (2021).
243. Roy A, Singh AK, Mishra S, Chinnadurai A, Mitra A, Bakshi O. Mental health implications of COVID-19 pandemic and its response in India. *International Journal of Social Psychiatry*. 2021 Aug;67(5):587-600.
244. Mishra B, Behera B, Singh AK, Mohapatra PR, Patro BK, Panigrahi MK, Pillai JS, Barik S, Mahapatra A, Mohanty S, Hallur V. Seroprevalence of SARS-CoV-2 antibodies among healthcare workers in a teaching hospital in Eastern India. *Journal of Family Medicine and Primary Care*. 2021 Aug;10(8):2974.
245. Behera P, Patro BK, Padhy BM, Mohapatra PR, Bal SK, Chandanshive PD, Mohanty RR, Ravikumar SR, Singh A, Singh SR, Pentapati SS. Prophylactic Role of Ivermectin in Severe Acute Respiratory Syndrome Coronavirus 2 Infection Among Healthcare Workers. *Cureus*. 2021 Aug 5;13(8).
246. Pradhan SK, Sahu DP, Sahoo DP, Singh AK, Patro BK, Mohanty S. Experience from a COVID-19 screening centre of a tertiary care institution: A retrospective hospital-based study. *Journal of family medicine and primary care*. 2021 Aug;10(8):2933.
247. Bhatia V, Singh AK, Giri PP, Sahoo DP. Effectiveness of a short-structured training programme on knowledge of healthcare providers and programme managers involved in maternal and child health programmes in Odisha, India: a quality improvement study. *BMJ open*. 2021 Aug 1;11(8):e040841
248. Radhakrishnan A, Behera B, Mishra B, Mohapatra PR, Kumar R, Singh AK. Clinico-microbiological description and evaluation of rapid lateral flow immunoassay and PCR for detection of *Burkholderia pseudomallei* from patients hospitalized with sepsis and pneumonia: a twenty-one months study from Odisha, India. *Acta Tropica*. 2021 Sep 1;221:105994.
249. Sahoo DP, Singh AK, Sahu DP, Pradhan SK, Patro BK, Batmanabane G, Mishra B, Behera B, Das A, Dora GS, Anand L. Hospital-Based Contact Tracing of Patients With COVID-19 and Health Care Workers During the COVID-19 Pandemic in Eastern India: Cross-sectional Study. *JMIR Formative Research*. 2021 Oct 21;5(10):e28519.
250. Behera P, Singh AK, Subba SH, Sahu DP, Chandanshive PD, Pradhan SK, Parida SP, Mishra A, Patro BK, Batmanabane G. Effectiveness of COVID-19 vaccine (Covaxin) against breakthrough SARS-CoV-2 infection in India. *Human Vaccines & Immunotherapeutics*. 2022 Jan 31;18(1):2034456.
251. Bhatnagar T, Chaudhuri S, Ponnaiah M, Yadav PD, Sabarinathan R, Sahay RR, Ahmed F, Aswathy S, Bhardwaj P, Bilimale A, Kumar MS. Effectiveness of BBV152/Covaxin and AZD1222/Covishield vaccines against severe COVID-19 and B. 1.617. 2/Delta variant in India, 2021: a multi-centric hospital-based case-control study. *International Journal of Infectious Diseases*. 2022 Sep 1;122:693-702.
252. Taywade, M., Panda, P. S., Sirka, C. S., & Patro, B. K. Neonatal dermatitis neglecta---Neglect by health system: A case report. *Journal of family medicine and primary care*. 2021;10(7), 2718–2719. https://doi.org/10.4103/jfmpc.jfmpc_2442_20
253. Boratne AV, Taywade M, Mishra A. A crucial need for social, economic, and psychological investment to safeguard healthcare workforce, *Journal of Family Medicine and Primary Care*: Nov 2021;10(11):4320-21. doi: 10.4103/jfmpc.jfmpc_1252_21

254. Sinha MK, Taywade M, Singh PK. Consultation at surgical outpatient Department and undergraduate medical education: A pilot study. *Natl Med J India* 2021;34:251. PMID: 35112527.
255. Patro B K, Taywade M, Mohapatra D, et al. (Jan 13, 2022) Cost of Ambulatory Care in Diabetes: Findings From a Non-Communicable Disease Clinic of a Tertiary Care Institute in Eastern India. *Cureus* 14(1): e21206. DOI 10.7759/cureus.21206
256. Dehury P, Sahu DP, Giri PP, Bhatia V. The pattern of morbidity and use of social security schemes among the steel plant workers in an industrial district of Odisha. *Indian J Community Med* 2021; 46:739-43. (DOI: 10.4103/ijcm.IJCM_159_21)
257. Bhatia V, Singh AK, Giri PP, et al. Effectiveness of a short-structured training programme on knowledge of healthcare providers and programme managers involved in maternal and child health programmes in Odisha, India: a quality improvement study. *BMJ Open* 2021;11:e040841. doi:10.1136/bmjopen-2020-040841
258. Behera P, Singh AK, Subba SH, Mc A, Sahu DP, Chandanshive PD, Pradhan SK, Parida SP, Mishra A, Patro BK, Batmanabane G. Effectiveness of COVID-19 vaccine (Covaxin) against breakthrough SARS-CoV-2 infection in India. *Hum Vaccin Immunother.* 2022 Dec 31;18(1):2034456
259. Behera P, Munshi H, Kalkonde Y, Deshmukh M, Bang A. Control of scabies in a tribal community using mass screening and treatment with oral ivermectin -A cluster randomized controlled trial, India. *PLoS Negl Trop Dis.* 2021 Apr 16;15(4):e0009330
260. Behera P, Bhatia V, Sahu DP, Sahoo DP, Kamble RU, Panda PS, Singh AK. Community perception regarding diarrhoea management practices in a tribal predominant aspirational district of Odisha: A mixed-method study. *J Family Med Prim Care.* 2021 Nov;10(11):4110-4116.
261. Behera P, Patro BK, Singh AK, Chandanshive PD, S R R, Pradhan SK, Pentapati SSK, Batmanabane G*, Mohapatra PR, Padhy BM, Bal SK, Singh SR, Mohanty RR. Role of ivermectin in the prevention of SARS-CoV-2 infection among healthcare workers in India: A matched case-control study. *PLoS One.* 2021;16(2):e0247163.
262. Behera P, Patro BK, Padhy BM, Mohapatra PR, Bal SK, Chandanshive PD, Mohanty RR, Ravikumar SR, Singh A, Singh SR, Pentapati SSK, Nair J, Batmanabane G. Prophylactic Role of Ivermectin in Severe Acute Respiratory Syndrome Coronavirus 2 Infection Among Healthcare Workers. *Cureus.* 2021 Aug 5;13(8):e16897.
263. Bhatnagar T, Chaudhuri S, Ponnaiah M, Yadav PD, Sabarinathan R, Sahay RR, Ahmed F, Aswathy S, Bhardwaj P, Bilimale A, Kumar MS, Logaraj M, Narlawar U, Palanivel C, Patel P, Rai SK, Saxena V, Singh A, Thangaraj JW, Agarwal A, Alvi Y, Amoghashree, Ashok P, Babu D, Bahurupi Y, Bhalavi S, Behera P, Biswas PP, Charan J, Chauhan NK, Chetak KB, Dar L, Das A, Deepashree R, Dhar M, Dhodapkar R, Dipu TS, Dudeja M, Dudhmal M, Gadepalli R, Garg MK, Gayathri AV, Goel AD, Gowdappa HB, Guleria R, Gupta MK, Islam F, Jain M, Jain V, Jawahar MLS, Joshi R, Kant S, Kar SS, Kalita D, Khapre M, Khichar S, Kombade SP, Kohli S, Kumar A, Kumar A, Kumar D, Kulirankal KG, Leela KV, Majumdar T, Mishra B, Misra P, Misra S, Mohapatra PR, Murthy MN, Nyayanit DA, Patel M, Pathania M, Patil S, Patro BK, Jalandra R, Rathod P, Shah N, Shete A, Shukla D, Shwethashree M, Sinha S, Sumana MN, Surana A, Trikha A, Tejashree A, Venkateshan M, Vijaykrishnan G, Wadhava S, Wig N, Gupta N, Abraham P, Murhekar MV. Effectiveness of BBV152/Covaxin and AZD1222/Covishield vaccines against severe COVID-19 and B.1.617.2/Delta variant in India, 2021: a multi-centric hospital-based case-control study. *Int J Infect Dis.* 2022 Sep;122:693-702
264. Behera P, Bhatia V, Sahu DP, Sahoo DP, Kamble R Sr, Panda P, Singh AK. Adherence of Doctors to Standard Diarrhoeal Management Guideline During Treatment of Under-Five Diarrhoeal Episodes: A Study From Eastern India. *Cureus.* 2021;18;13(2):e13433
265. Chahal S, Nadda A, Govil N, Gupta N, Nadda D, Goel K, Behera P. Suicide deaths among medical students, residents and physicians in India spanning a decade (2010-2019): An exploratory study using on line news portals and Google database. *Int J Soc Psychiatry.* 2021 Apr 27;207640211011365.
266. Gupta M, Mohanta SS, Rao A, Parameswaran GG, Agarwal M, Arora M, Mazumder A, Lohiya A, Behera P, Bansal A, Kumar R, Meena VP, Tiwari P, Mohan A, Bhatnagar S. Transmission dynamics of the COVID-19 epidemic in India and modeling optimal lockdown exit strategies. *Int J Infect Dis.* 2021;103:579-589
267. Mohapatra SK, Das PK, Nayak RB, Mishra A, Nayak B. Diagnostic accuracy of mammography in characterizing breast masses using the 5th edition of BI-RADS: A retrospective study. *Cancer Res Stat Treat* 2022;5:52-8
268. Behera P, Singh AK, Subba SH, Mc A, Sahu DP, Chandanshive PD, Pradhan SK, Parida SP, Mishra A, Patro BK, Batmanabane G. Effectiveness of COVID-19 vaccine (Covaxin) against breakthrough SARS-CoV-2 infection in India. *Hum Vaccin Immunother.* 2022 Dec 31;18(1):2034456.
269. Patnaik M, Mohakud S, Gaikwad MR, Ravi PK. A case of accessory anterior hepatic fissure: Cadaveric study with

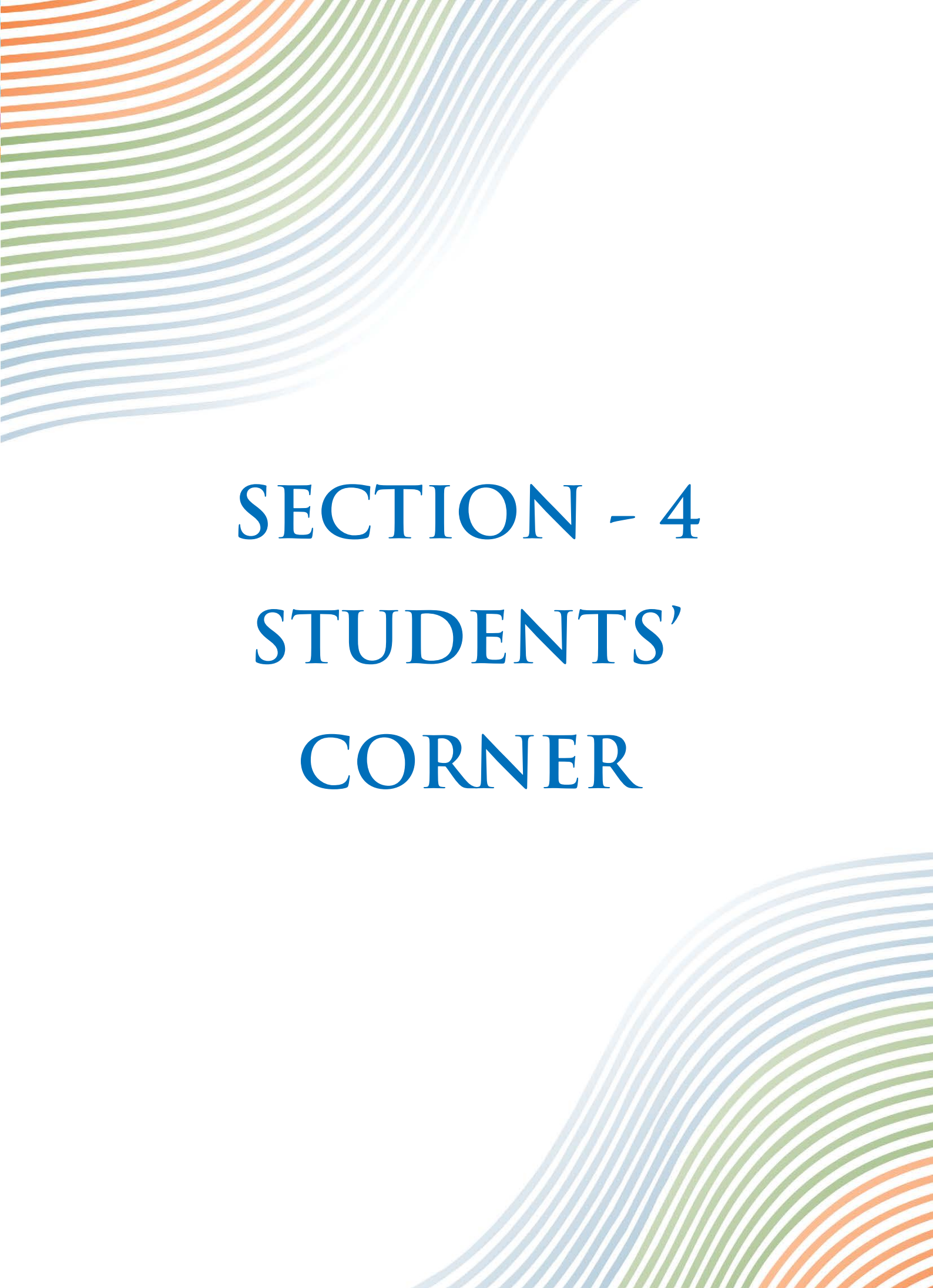
retrospective radiological investigation into its vascularity. *Natl J Clin Anat* 2022; 11:118- 21.

270. Sahoo S, Mishra PR, Mishra S, Kar M, Padhy SK. Perceived stress and coping skills in the newly joined medical undergraduate students: An exploratory study from Eastern India *Mental Health Hum Behav* 2021;26:122-131
271. Kar A, Ravi P K, Samal S, Gaikwad M R. Splenunculus can mimic acute abdomen: It's clinical and surgical Relevance *Int J Anat Res* 2021, Vol 9(1.1):7861-64.
272. Ravi PK and Gaikwad MR. Topographical Variations of Wormian Bones in Eastern-Indian Dry Human Skulls: Current Perspective and Review of Literature. *J Human Anat* 2021, 5(1): 000155
273. Imaduddin M, Sultania M, Vigneshwaran B, Muduly DK, Kar M. Psychosocial Factors in an Oral Cancer Survivor Leading to Delay in Seeking Help. *Oral Oncol.* 2022 Jan;124:105438.. Epub 2021 Jul 5. PMID: 34238664. Case Report with Review/5.972/
274. Sahoo, B., Sultania, M., Jha, S. et al. Cystic retroperitoneal metastasis from testicular seminoma, radiologically mimicking as lymphangioma. *Egypt J Radiol Nucl Med* 53, 10 (2022).
275. Lahoti A, Das PK, Mohapatra S, Naik S, Panigrahi A, Bhuyan B; Methotrexate (MTX) Induced Leukoencephalopathy (LE) and Relation of Vitamin B12, Folate and / or Homocysteine Levels with MTX Toxicity: A Prospective Study. *Blood*, Volume 138, Supplement 1;2021, Page 4374 (Non- indexed)
276. Tripathy, S., & Sen, R. Core Decompression in Osteonecrosis of the Femoral Head : Where Do We Stand Today? . *Biologic Orthopedics Journal* 2021; 3(SP1): e19-e27.
277. Sahu S, Bandyopadhyay D, Naik S, Tripathy S. The Association of Serum Uric Acid Levels with the Clinical and Radiological Findings in Knee Osteoarthritis: A Cross-sectional Study. *Journal of Arthritis*; 2021; 10(10): 1-4
278. Tripathy S, Varghese P, Sethy SS, et al. Safe surgical hip dislocation for acetabular osteoid osteoma excision. *BMJ Case Reports* 2022;15: e246025.
279. Naik S, Sahu S, Bandyopadhyay D, Tripathy S. Serum levels of osteoprotegerin, RANK-L & vitamin D in different stages of osteoarthritis of the knee, *Indian Journal of Medical Research* 2021; 154(3): 491-496

BOOKS/CHAPTERS

1. Gaikwad MR. Reverence Thru Cadaveric Oath: The Need of the Hour. NFMMR-V5 [Internet]. 2021 Aug. 6 [cited 2022 Sep. 22];73-6. Available from: <https://stm.bookpi.org/NFMMR-V5/article/view/3018>
2. Mohanty PK, Mohapatro S, Das RR, Ray RK (editors). A Simplified Approach to Neonatal Ventilation. 2nd ED. New Delhi: Noble Vision (Medical books publishers); 2019.
3. Nagesh KN, Mohanty PK, Razak A, Pillai MS (editors). Lessons in Neonatal Respiratory Care, An Evidence-Based Approach. 1st Ed. New Delhi: Noble Vision (Medical Book Publishers); 2019.
4. Mohanty PK, Som TK, Das RR. Hot Topics in Neonatology. 1st Ed. New Delhi: Noble Vision (Medical Book Publishers); 2019.
5. Nagesh KN, Mohanty PK. Congenital Anomalies Associated with Teratogens. Textbook of Clinical Neonatology. 1st Ed. New Delhi: JAYPEE Brothers; 2021.
6. Swamy R, Diggikar S, Mohanty PK. Early Markers of Poor Neurological Outcomes. Textbook of Clinical Neonatology. 1st Ed. New Delhi: JAYPEE Brothers; 2021.
7. Desai S, Mohanty PK. Approach to Neonatal Cardiac Emergencies. IAP Text Book of Pediatric and Neonatal Emergencies. 1st Ed. New Delhi: JAYPEE Brothers; 2019.
8. Sahoo T, Aradhya AS, Gupta M. Postnatal care and discharge. NNF Clinical Protocols in Neonatology. 1st Ed. New Delhi: JAYPEE Brothers; 2022
9. Das RR. Infectious mononucleosis. In: Gupta P, Menon P, Ramji S, Lodha R. (eds.) PG TextBook of Paediatrics. New Delhi: Jaypee Publishers; 2021 (3rd Edition)
10. Das RR, Satapathy AK. Nutrition. In: Kabra SK, Jat KR, Bagri NK, Gupta AK, Meena JP. (eds.) TextBook of Child Health Nursing. New Delhi: IJP Publisher; 2022 (1st Edition), pp 28-47.
11. Das RR. Infectious mononucleosis. In: Gupta P, Menon P, Ramji S, Lodha R. (eds.) PG TextBook of Paediatrics. New Delhi: Jaypee Publishers; 2021 (3rd Edition)
12. Das RR, Satapathy AK. Nutrition. In: Kabra SK, Jat KR, Bagri NK, Gupta AK, Meena JP. (eds.) TextBook of Child Health Nursing. New Delhi: IJP Publisher; 2022 (1st Edition), pp 28-47
13. Patra S, Chavan BS. Guardianship: A Framework for Supported Decision-making in Disability. In Comprehensive Textbook on disability. 1st ed. New Delhi: Jaypee publications, 2022. pp 533-536.
14. Panda M, Behera B. Clinical features: A photographic collage. In: Sarkar R, Das A, editors. Atopic Dermatitis: Text and Atlas. 1st ed. Knowledge Bridge; New Delhi.
15. Behera B. Dermoscopy. In: IADVL recent advances in dermatology. 2nd ed. Jaypee Brothers Medical Publishers; New Delhi.
16. Behera B, Rambhia KD, Vishwanath T. Dermoscopic-Histopathological Correlation. In: IADVL Atlas Of Dermoscopy. 1st ed. Jaypee Brothers Medical Publishers; New Delhi.
17. Davraj K., mayank Yadav, Preetam Chappity et al. Nasal Physiology and Sinusitis. In: Verma H., Thakar A. (eds) Essentials of Rhinology. Springer, Singapore, 2021
18. Usmani, S., Agrawal, K., Esmail, A., Marafi, F., Gnanasegaran, G. (2022). 18F-NaF PET/CT Imaging. In: Agrawal, K., Skillen, A., Esmail, A., Usmani, S. (eds) PET/CT Imaging. Clinicians' Guides to Radionuclide Hybrid Imaging(). Springer, Cham.
19. Gorla, A.K.R., Agrawal, K., Parihar, A.S., Mittal, B.R. (2022). 18F-methylcholine (FCH) PET/CT Imaging: Physiological Distribution, Pitfalls and Imaging Pearls. In: Agrawal, K., Skillen, A., Esmail, A., Usmani, S. (eds) PET/CT Imaging. Clinicians' Guides to Radionuclide Hybrid Imaging(). Springer, Cham.
20. Amlani, A., Muthuswamy, K., Agrawal, K., Navalkisoor, S., Gnanasegaran, G. (2022). 68Ga-DOTA-Peptides PET/CT: Physiological Biodistribution, Variants and Pitfalls. In: Agrawal, K., Skillen, A., Esmail, A., Usmani, S. (eds) PET/CT Imaging. Clinicians' Guides to Radionuclide Hybrid Imaging(). Springer, Cham.
21. Agrawal, K., Usmani, S., Esmail, A., Marafi, F., Gnanasegaran, G. (2022). 68Ga-PSMA PET/CT: Normal Variants, Pitfalls and Artefacts. In: Agrawal, K., Skillen, A., Esmail, A., Usmani, S. (eds) PET/CT Imaging. Clinicians' Guides to Radionuclide Hybrid Imaging(). Springer, Cham.

22. Agrawal, K., Parida, G.K., Van der Wall, H., Gnanasegaran, G. (2022). Bone SPECT/CT in Orthopaedics. In: Ahmadzadehfar, H., Biersack, H.J., Herrmann, K. (eds) Clinical Applications of SPECT-CT. Springer, Cham.
23. Agrawal, K., Gnanasegaran, G., Skoura, E., Corrigan, A., Szyszko, T. (2022). 18F-FDG PET/CT Imaging: Normal Variants, Pitfalls and Artefacts. In: Agrawal, K., Skillen, A., Esmail, A., Usmani, S. (eds) PET/CT Imaging. Clinicians' Guides to Radionuclide Hybrid Imaging(). Springer, Cham.
24. Agrawal, K., Gnanasegaran, G. (2022). Bone SPECT/CT in Oncology. In: Ahmadzadehfar, H., Biersack, H.J., Herrmann, K. (eds) Clinical Applications of SPECT-CT. Springer, Cham.
25. Agrawal K, Choudhury S, Suresh A, Agrawal A, Gnanasegaran G. PET/CT in the Assessment of Treatment Response in Hepatobiliary, Gall Bladder and Pancreatic Malignancies. In: Atlas of Clinical PET-CT in Treatment Response Evaluation in Oncology. Eds: Fanti S, Gnanasegaran G, Carrió I. Springer International Publishing. 2021. p 187-207.
26. Jena AK, Kharbanda OP. Obstructive Sleep-Disordered Breathing in Patients with Orofacial Clefts. In: OP Kharbanda; Cleft Orthodontics-A Holistic and Interdisciplinary Approach. 1st edition. Thieme Publisher, 2021: 190-201.
27. Tripathy S, Saha D. Initiation of nutrition. In: Essentials of Evidence-Based Practice of Neuroanesthesia and Neurocritical Care. 1st edition. Academic Press; 2022. p. 375-87.
28. Mishra N, Rath G, Sokhal S. Anesthesia for awake craniotomy. In: Girija Rath. Fundamentals of Pediatric Neuroanesthesia. 1st edition. Singapore. Springer Verlag. 2021. P. 435-450.
29. Dey A. Paraquat poisoning: an evidence-based update. In: Shyam Sundar ed. Medicine Update 2022. Evangel publisher; 2022. Chapter 197, p 1065-1068 (ISBN: 978-93-90616-44-2)
30. Behera P, Subba SH. chapter "Overcoming COVID-19 in Odisha" In: Jain Y, Nabia S. editors. COVID-19: a view from the margins. Manohar Publishers & Distributors; 1 Jan 2022. P.165-180
31. Subba SH. Role of Community and Family Medicine. In: Ghosh N, Jamir L, editors. Preventing Violence Against Women. Guwahati. 2021. p. 19
32. Gaikwad MR. Reverence Thru Cadaveric Oath: The Need of the Hour. NFMMR-V5 [Internet]. 2021 Aug. 6 [cited 2022 Sep. 22];73-6. Available from: <https://stm.bookpi.org/NFMMR-V5/article/view/3018>
33. Sasml PK, Kumar P, Sahoo A. 16 Safety in Colorectal Surgery. Safety in Minimal Access Surgery: Evidence and Recommendations. 2021;152.
34. Galodhia S, Tank A, Sasml PK, Kapoor VK. Intestinal Tuberculosis: ACRSI textbook of Colorectal Surgery. 2021.
35. Laparoscopic Surgery for Rectal Prolapse, MR Sahoo, S Bajoria, A Sahoo - Recent Concepts in Minimal Access Surgery, 2022 (Publisher: Springer, Singapore)
36. Sarvdeep Singh Dhatt, Deepak Neradi. Management of crush injuries on arrival. Acute Trauma Care in Developing Countries. Taylor and Francis Group. 2022. Pg 140-146
37. Deepak Neradi, Dilip K Sengupta. Epidemiology of Tuberculosis of spine. Tuberculosis of the Spine. Springer. 2022. Pg 21-29
38. Benny T. Dahl, Deepak Neradi, Balwinder Sherry. Surgical Management of TB Spine: Indications and Overview with Postoperative Protocols. Tuberculosis of the Spine. Springer. 2022. Pg 223-231.
39. Nayak P, Mandal S. Female bladder outlet obstruction and urethral reconstruction. Chapter 17. 1st Edition: Springer Publisher; 2021; 183-88.



SECTION - 4

STUDENTS'

CORNER

ANAESTHESIOLOGY & CRITICAL CARE

1. Dr Vishnu Anandan (Academic Junior resident) won First prize in "Prof. B N Rath Memorial Quiz Competition" at the recently held 49th Odisha State ISA Conference. He also won first prize in poster category in Odisha ISACON 2020 for presentation of his thesis (under guidance of Dr Neha Singh).
2. Dr Vishnu Anandan, Academic JR presented his thesis titled "Effect of dexmedetomidine as an adjuvant in quadratus lumborum block in patients undergoing caesarean section: A randomized controlled study" at the Research Society of Anaesthesiology Clinical Pharmacology conference (RSACPCON) in 2021 and won the 2nd prize in the prestigious G K Sinha young researcher award.

ANATOMY

1. Dr Bhagyashree, 1st year Junior Resident presented a paper titled "Accessory Lobe of Liver- A rare hepatic variation with diagnostic dilemma" in 34th Annual Conference of the Anatomical Society of India Odisha State Chapter held on 26 -27 Feb 2022 at KIMS, Bhubaneswar.
2. Dr Sayan Biswas, 1st year Junior Resident presented a paper titled "Bilateral high division of the Sciatic Nerve" in 34th Annual Conference of the Anatomical Society of India Odisha State Chapter held on 26 - 27 Feb 2022 at KIMS Bhubaneswar.

AYUSH

1. Dr Bhagyashree, 1st year Junior Resident presented a paper titled "Accessory Lobe of Liver- A rare hepatic variation with diagnostic dilemma" in 34th Annual Conference of the Anatomical Society of India Odisha State Chapter held on 26 -27 Feb 2022 at KIMS, Bhubaneswar.
2. Dr Sayan Biswas, 1st year Junior Resident presented a paper titled "Bilateral high division of the Sciatic Nerve" in 34th Annual Conference of the Anatomical Society of India Odisha State Chapter held on 26 - 27 Feb 2022 at KIMS Bhubaneswar.

BIOCHEMISTRY

1. Dr M. Deepthi Sudha, and Dr Bharath K, Junior Residents (academic) participated in an online CME /workshop on "advances on molecular genetics and primer designing" held at AIIMS, Bibinagar, Telangana, on 26 Mar 2022.
2. Dr Saurav Nayak, Junior Resident(academic), Dr M. Deepthi Sudha, Junior Resident(academic), Dr Sudeshna Rout, Junior Resident(academic), Dr Aalia Tahseen, Junior Resident(academic), Dr Dharashree Priyadarshini, Junior Resident(academic), and Dr Chhabi Rani, Junior Resident(academic), had participated in 11th AMBICON, Odisha state chapter held on 6 Mar 2022 at MKCG Medical College, Berhampur, Odisha
3. Dr Aalia Tahseen, Junior Resident was awarded first prize in the PG award paper presentation held on 6 Mar 2022 in 11th AMBICON Odisha State chapter at MKCG Medical College & Hospital, Brahmapur
4. Dr Aalia Tahseen, Junior Resident was awarded first prize in the quiz held on 6 Mar 2022 in the 11th AMBICON Odisha State chapter at MKCG Medical College & Hospital, Brahmapur.
5. Dr Bharath K, Junior Resident(academic) on 8 Jan 2022 i have attended webinar on "HPLC basic principles and applications- newborn screening and vitamin analysis" conducted by ESIC, Hyderabad.
6. Dr Asha Premlata Omega Oraon, Senior Resident (Non-academic), Dr M. Deepthi Sudha, Junior Resident(academic), participated in online CME and AFMC quiz competition at 47th ACBICON 2021 held at College of Medicine and JNM hospital, WBUHS, Kalyani, West Bengal, from 12-15 Dec 2021.
7. Dr Asha Premlata Omega Oraon, Senior Resident (Non-academic), Dr Saurav Nayak, Junior Resident(academic), and Dr M. Deepthi Sudha, Junior Resident (academic), participated in online poster presentation at 28th National AMBICON 2021 held at AIIMS - Raipur, Chhattisgarh, during 2-5 Dec 2021.
8. Dr Shyamkrishnan R and Dr Anudeep PP, Junior Residents (academic), Dept .of Biochemistry, AIIMS Bhubaneswar was awarded first prize in the national AMBICON Quiz competition, 2-5 Dec 2021.
9. Dr Shyamkrishnan R, Junior Resident (academic), Dept. of Biochemistry, AIIMS Bhubaneswar, was awarded first prize in the national ACBICON Quiz competition, 2-5 Dec 2021.
10. Dr Pooja Priyadarsini, Senior Resident attended the 4th Workshop on Augmentation of Teaching skill for Senior Residents for 02 Days on 30 Sep and 1 Oct 2021.

11. Dr Aalia Tahseen, Junior Resident participated as Delegate in Advances in Biochemistry & Cancer Diagnostics held between 20-21 Aug 2022 at Tata Memorial Centre, Tata Memorial Hospital

CARDIOLOGY

1. Three DM cardiology students have presented challenging case reports in the VIRTUAL CONFERENCE of CARDIOLOGY SOCIETY OF INDIA, Dec 5 to 7/2020
2. Dr Tutan Das, Senior Resident Academic Jul 2020 batch CSI-2121, CSI NIC – 2022, TCT – 2022.
3. Dr Abhinav Kumar, Senior Resident (Academic), 14th Asia Pacific vascular intervention course, 2022.
4. Dr Abhinav Kumar, Senior Resident (Academic), Cardiology Update 2022.
5. Dr Anindya Banerjee, Senior Resident (Academic), Navigating 23 to 60 degree arterial loops in a case of transradial coronary angiogram. CSI 2021.
6. Dr Anindya Banerjee, Senior Resident (Academic), Crouzon Syndrome with dual left ventricular outflow obstructions a rare anomaly. CSI 2121.
7. Dr Anindya Banerjee, Senior Resident (academic), Crouzon syndrome with dual left ventricular outflow obstructions a rare anomaly, PCSI 2021.
8. Dr Anindya Banerjee, Senior Resident (Academic). An Interesting case of bilateral renal artery stenting in a patient of Takayasu arteritis with uncontrolled hypertension, PCTAP – 2022.

COLLEGE OF NURSING

1. Ms Sandhya Kullu, B Sc (Hons) Nursing student won the third prize in Odiya eloquence on NSS Day on 24 Sep 2021.
2. Mr Keval Singh Meena, M Sc Nursing student presented poster on 'Perception of patient safety culture among health care personnel in a tertiary care hospital' at AIIMS Bhubaneswar on 9th Annual and 1st research day on 21 Sep 2021.

GENERAL MEDICINE

1. Dr T Bhavani Krishna, Junior Resident attended "Association of Physician of India Conference- APICON (Odisha Chapter)" held at KIMS, Bhubaneswar on 17-21 Dec 2021 and presented poster titled "Scrub Typhus presenting as TTP"
2. Dr Anurag Anupam, Junior Resident attended 61st Annual Conference of the Indian Society of Haematology and Blood Transfusion (HAEMATOCON Virtual 2020) held on 20-22 Nov 2021 and presented e-poster titled "Drug Induced Aplastic Anemia"

GENERAL SURGERY

1. At SGPGI, Lucknow, Dr Ankit Sahoo joined MCh in G I Surgery. At AIIMS Delhi and PGI Chandigarh, respectively, Dr Sanhita and Dr Pranav Joshi have joined MCh course

MICROBIOLOGY

Dr Swarnatrisa Saha, Senior Resident

1. Presented Poster titled "Profile of Cutaneous bacterial flora in patients with Pemphigus" in MICROCON 2021 from 22 to 24 Dec 2021 organised by the Indian Association of Medical Microbiologists
2. Presented Poster titled "Biofilm producers and their correlation with antimicrobial resistance pattern in Catheter related blood stream infections" in MICROCON 2021 from 22 to 24 Dec 2021 organised by the Indian Association of Medical Microbiologists.
3. Presented Poster titled "Bacteremia due to Brevundimonas diminuta in a case of pleural mesothelioma and left sided effusion – a rare case report" in CME on Tuberculosis: Recent updates and Emerging challenges held on 23 Mar 2022.

Dr Sushree Sarathi, Junior Resident

1. Attended 3rd National Biomedical Research competition, 2021 organised by SYBS, India and presented the poster titled "clinico-microbiological study of Bloodstream Infections due to Stenotrophomonas maltophilia in a Tertiary-Care Hospital of Eastern India." On 7 Dec 2021.

2. Attended 44th Annual Conference of IAMM (MICROCON Guwahati 2021) organised by Department of Microbiology, Gauhati medical college and Hospital & Indian Association of Medical Microbiologists and presented the poster titled "edwardsiella tarda as a cause of cellulitis leading to sepsis in a case of underlying hematological malignancy- a rare report." On 22 Dec 2021.

Dr Monalisa Dey, Junior Resident

1. Presented paper during the CME on 'Tuberculosis: Recent updates and emerging challenges'. 1st IAMM Odisha chapter and American Society of Microbiology on 23 Mar 2022. titled Dey M, Mishra B, Mohapatra PR, Mohakud S, Behera B Disseminated Tuberculosis: A Predictor of Persistence of SARS-CoV2 RNA: A Case Report.

Dr Sivashanker Das, Junior Resident

1. Presented e-paper titled: Das S, Mishra B, Mohapatra PR, Preetam C. Prevalence of Nontuberculous Mycobacteria (NTM) among Tuberculosis suspects and comparison between conventional and molecular methods of identification of NTM. In Microcon 2019 on 29 Nov 2019.

Dr Monalisa Mohanty, Scientist C (State Level VRDL)

1. Presented poster titled "GeneXpert Assay – A game changer in the precise diagnosis of tuberculous pericarditis. Monalisa Mohanty, S Rath, P Kar, Prashanth P, B Mishra, S Barik, R Panda. "1st IAMM Odisha chapter 2022 & American society for Microbiology (ASM)", 23 Mar 2022.

Dr Sutapa Rath, Senior Research Associate

1. Presented paper during the CME on 'Tuberculosis: Recent updates and emerging challenges'. 1st IAMM Odisha chapter and American Society of Microbiology on 23 Mar. 2022 titled Role of Xpert MTB/ Rif Assay in diagnosis of tubercular pleural effusion: An Experience from Eastern India.

Dr Bhuvan Yadav, Junior Resident

1. Presented poster on "Occurrence and characterisation of Hypervirulent Klebsiella pneumoniae in an Indian tertiary care hospital. MICROCON 2021, 22-24 Dec 2021, organized by Gauhati Medical College & Hospital, Assam (virtual mode)

NEONATOLOGY

1. Dr Mohammed Zakiulla, Senior resident, Neonatology presented his paper on "Assessment of General Movements for Prediction of Neurodevelopmental Outcome in High-Risk Infants" in National Neocon 2021 on 16 Dec 2021.
2. Dr Purbasha Mishra, Senior resident, Neonatology attended Neocon - Odisha chapter in Bhubaneswar on 9-10 Oct 2021.
3. Dr Manish Swami, Senior resident, Neonatology attended East zone Neocon 8 -10 Oct 2021.
4. Dr Manish Swami, Senior resident, Neonatology presented oral paper in Neocon 19 Dec 2021

OBSTETRICS & GYNAECOLOGY

1. Dr Aditya Pati, JR, was awarded the late Prof Dr Shobha Sharma Gold Medal Award for best poster presentation for his e-poster titled "Recurrent spontaneous hemoperitoneum in endometriosis: Management and challenges during the COVID-19 pandemic" with co-authors Dr S Singh, Dr S Mohakud, Dr MK Panigrahi, Dr A Panigrahi at the e-conference 'Happy Gynecon part II paper and poster presentation' on 3rd Oct 2020 at the annual state conference of Chhatisgarh Obstetrics and Gynaecology Society, organised by Raipur Obstetrics and gynaecology Society, in association with FOGSI.
2. Dr Neha Rashmi, JR, was awarded the third prize in the late Prof Dr Shobha Sharma Gold Medal Award for best scientific paper presentation for her paper titled "Reliability of International Ovarian Tumor Analysis (IOTA) models in evaluating ovarian tumours at a tertiary care hospital" with co-authors Dr S Singh, Dr J Begum, Dr MN Sable at the e-conference 'Happy Gynecon part II paper and poster presentation' on 3rd Oct 2020, organised by Raipur Obstetrics and gynaecology Society, in association with FOGSI.

OPHTHALMOLOGY

1. Dr Nikita Das, senior resident presented a paper in webinar of Bombay Ophthalmological Society Conference on topic "A study on knowledge, attitude and mental health status of patients and healthcare workers of Ophthalmology during COVID-19 post-lockdown phase at tertiary hospital on 24 May 2021.
2. Dr Nikita Das, senior resident presented a paper in EIZOC 2022 at Puri on topic "A study on knowledge, attitude and mental health status of patients during COVID-19 presenting to Ophthalmology at tertiary care hospital" on 26-27 Mar 2022.
3. Dr Koyel Chakraborty presented a paper in a webinar on "study of ganglion cell complex and retinal nerve fiber layer in perichiasmatic brain tumor patients: a prospective observational study in RANCO-2022 (Royal College of Australia and New Zealand Conference of Ophthalmology) at Brisbane on 27-28 Feb 2022.
4. Dr Ravi Kumar, Junior resident presented poster on "Study of refractive changes and ocular biometrics in preterm and term infants at RANCO 2022 on 27-28 Feb 2022.
5. Dr Bhumija Bhatt presented paper on "Study of Ocular changes in Psoriasis patients with Psoriasis severity Index more than ten in Eastern India: A Prospective study at 34th EIZOC 2022, Puri on 26th Mar 2022.
6. Dr Genickson Jayaraj, junior resident presented paper on "Long-term visual outcomes of bilateral Pediatric cataract treated with lens aspiration and IOL implantation in Eastern India: A Prospective Study at 34th EIZOC 2022 Conference, Puri, Odisha on 26-27 Mar 2022.
7. Dr Genickson Jeyraj presented in Two minutes Win Video Competition on "Iris hooks-Hook to unhook" in EIZOC 2022 at Puri on 26 Mar 2022.
8. Dr Bhumija Bhatt, junior resident participated in a PG debate on topic "intravitreal antiVEGF vs PRP in PDR
9. Dr Koyel Chakraborty presented a video based training session on the topic "Residents' learning curve simplified – 10 commandments of small incision cataract surgery" in All India Ophthalmological Conference 2021 on 27 Jun 2021 which was among top 15 category.

ORTHOPAEDICS

Dr Ssamy C Ajay

1. 1st Prize at Annual conference of West Bengal Orthopedic association (WBOACON) quiz competition held on 2 Apr 2022.
2. 1st Prize in Annual conference of Odisha Orthopedic association (OOACON) quiz competition held on 13 Mar 2022.
3. Selected as exchange fellow to attend Annual conference of West Bengal Orthopedic association on 13 Mar 2022
4. Presented E-poster at Annual conference of Indian Orthopedic association (IOACON) held at Goa on 25 Dec 2021

Dr Deepak Ghuge

1. Won 3rd Prize at Annual conference of West Bengal Orthopedic association (WBOACON) quiz competition held on 2 Apr 2022.
2. Presented E-poster at Annual conference of Indian Orthopedic association (IOACON) held at Goa on 25 Dec 2021.

Dr Krishnendu Bhowmik

1. 1st Prize in Annual conference of Odisha Orthopedic association (OOACON) quiz competition held on 13 Mar 2022.
2. Presented a Poster at Annual conference of Odisha Orthopedic association (OOACON) held on 13 Mar 2021.

Dr Shashikant Panda

1. 1st Prize in Annual conference of Odisha Orthopedic association (OOACON) quiz competition held on 13 Mar 2022

Dr Sibasis Panigrahi

1. Presented paper at Current Concepts in Arthroplasty conference, AIIMS New Delhi on Oct 31 2021

Dr N Arul kumar

1. Presented paper at Current Concepts in Arthroplasty conference, AIIMS New Delhi on Oct 31 2021

PATHOLOGY

Dr Shruthi NR

1. Presented a paper entitled 'cholesterol transporter LRP1 is crucially implicated in the pathobiology of glioblastoma and a novel therapeutic target' and was awarded the first prize in the Oral Paper presentation category at APCON 2021 organized by Indian Association of Pathologist and Microbiologist on 3 Dec 2021.

Dr Tapas Kanti Parida

1. Presented the paper entitled "Clinicohistomorphological characteristics of mediastinal lesions" at APCON, Odisha Chapter organized by Department of Pathology, IMS and Sum Hospital on 9 Sep 2021.

Dr Krushna Kumari Sahoo

1. Presented the paper entitled "Flow cytometric aberrant immuno- phenotypic expression and its correlation with minimal residual disease status in B-cell Acute Lymphoblastic Leukemia (B-ALL)" on the first Institute Research Day organized by Institute Research Cell, AIIMS, Bhubaneswar on 21 Sep 2021.

Dr Anirban Kundoo

1. Presented the paper entitled "characterization of clinico-histopathological, immunohistochemical and molecular profile of Ewing family of tumor" on the first Institute Research Day organized by Institute Research Cell, AIIMS, Bhubaneswar on 21 Sep 2021.

Dr Manisha Ray

1. Presented the paper entitled "comprehensive functional network analysis and screening of deleterious pathogenic variants in non-syndromic hearing loss causative genes" on the first Institute Research Day organized by Institute Research Cell, AIIMS, Bhubaneswar on 21 Sep 2021

PAEDIATRICS

1. Dr Fajrudheen Mohammd got the First Prize in Hemato-Oncology Quiz in the Hematology and Oncology meet at IMS and SUM Hospital, Bhubaneswar on 19 Sep 2021.
2. Dr Vikas Muppa and Dr Swathi Nakka won the quiz conducted at Vacciodicon - Bhubaneswar on 26 Sep 2021.
3. Dr Harini Jaladi Participated in Neonatology quiz in the 3rd East Zone NEOCON 2021, Bhubaneswar on 9 - 10 Oct 2021.
4. Dr Harini Jaladi got the First Prize in E-Poster Presentation titled "Fleeting Pneumonia and five years chase" at RESPICON 2021 (National conference of IAP National Respiratory Chapter) at Jaipur on 24 - 25 Oct 2021.
5. Dr Vikas Muppa presented a poster on "Recurrent pneumonia and transfusion dependant anemia" in RESPICON 2021 (National conference of IAP National Respiratory Chapter) at Jaipur on 24 - 25 Oct 2021.
6. Dr Swathi Nakka presented an oral paper on "Single breath count compared to spirometry in the diagnosis and monitoring of treatment response in acute exacerbation of childhood asthma" in RESPICON 2021 (National conference of IAP National Respiratory Chapter) at Jaipur on 24 - 25 Oct 2021.
7. Dr Yathees KS won Third Prize for the poster titled "Not all starry skies are NCC: TB masquerading as NCC" in Odisha state PEDICON held at KIMS, Bhubaneswar on 11 Nov 2021.
8. Dr Vikas Muppa won First Prize for the oral presentation on "Clinical profile and outcome of children under five with acute respiratory infections - An observational study" in NCPID 2021 at Bhubaneswar on 13 - 14 Nov 2021.
9. Dr Harini Jaladi presented the poster on "Chromobacterium Violaceum - A Rare Bacterium Causing Fulminant Sepsis" in the National Conference on Pediatric Infectious Diseases (NCPID) 2021 at Bhubaneswar on 13 - 14 Nov 2021.
10. Dr Hemanth Kavti presented a poster on "An unusual and interesting case of pyo-pneumothorax" in the NCPID 2021 at Bhubaneswar on 13 - 14 Nov 2021.
11. Behera A, presented an oral paper on "Protective antibody response following two doses of Measles vaccination and factors for non-response among tribal children in remote areas of Odisha" in the NCPID 2021 at Bhubaneswar on 13 - 14 Nov 2021.
12. Dr Harini Jaladi presented the poster on "Juvenile Dermatomyositis and Severe ILD" in the Odisha State PEDICON 2021 at Bhubaneswar on 11 - 12 Dec 2021.

13. Dr Vikas Muppa won First Prize for the poster presentation on "Aortic thrombosis in a neonate secondary to severe dehydration" in the Odisha state PEDICON 2021 at Bhubaneswar on 11 Dec 2021.
14. Dr Hemanth Kavti won First Prize for the oral presentation on "Pediatric Scrub typhus meningitis: A Cross-sectional Study" in the Odisha state PEDICON 2021 at Bhubaneswar on 11 Dec 2021.

PSYCHIATRY

1. Dr Rosali Bhoi, Senior Resident presented Poster Paper accepted for "Prof K C Dube Poster Award" titled: "Cultural adaptation, validation of Hindi Version of Fat Phobia Scale- Short Form (FPS-SF) involving morbidly obese individuals seeking treatment from Metabolic Surgery Clinic in a Tertiary care centre of North India" at the Annual Conference of Indian Psychiatric Society (ANCIPS) held at Vishakhapatnam from 20th-23rd Jan 2022.
2. Dr Rosali Bhoi, Senior Resident attended as a delegate in the 31st Annual Conference of IPS, Odisha at Bhubaneswar on 19 Dec 2021.
3. Dr Rosali Bhoi, Senior Resident co-authored MR Poster titled: "PDD patient with Catatonia, the role of Maintenance MECT: A case report:" presented at Annual conference of IPS, Odisha at Paradeep on 19 Dec 2021.
4. Dr Rosali Bhoi, Senior Resident, attended as a delegate in the 30th Annual Conference of IPS, Odisha at Bhubaneswar on 21 Mar 2021.
5. Dr Ankit Kumar Sinha, Senior Resident, attended as a delegate in the WASP, Asia-Pacific Hybrid Congress 2021, at Delhi on 16 to 18 Sep 2021.
6. Dr Ankit Kumar Sinha, Senior Resident, participated in poster presentation in the WASP, Asia-Pacific Hybrid Congress 2021, at Delhi on 16 to 18 Sep 2021.
7. Dr Ankit Kumar Sinha, Senior Resident, participated in paper presentation at the 17th Annual INEBRIA Conference held on 22 to 24 Sep 2021.
8. Dr Ankit Kumar Sinha, Senior Resident, attended as a delegate in the 31st Annual Conference of IPS, Odisha at Paradeep on 19 Dec 2021.
9. Dr Ankit Kumar Sinha, Senior Resident received scholarship in paper presentation at the 17th Annual INEBRIA Conference held on 22 to 24 Sep 2021.
10. Dr Ankit Kumar Sinha, Senior Resident authored Viewpoint in Indian Journal of Social Psychiatry on "Working Parents and Child Screen Use: A tightrope walk" published in Sep 2021.
11. Dr Ankit Kumar Sinha, Senior Resident Awarded with 1st prize on poster presentation on topic "A walk on thorns: motivating and resilience in addiction management" in the 31st Annual Conference of IPS, Odisha at Paradeep on 19 Dec 2021.
12. Dr Asish Asutosh Choudhury, Senior Resident, attended as a delegate in the 30th Annual Conference of IPS, Odisha at Bhubaneswar on 21 Mar 2021
13. Dr Asish Asutosh Choudhury, Senior Resident, attended as a delegate in the WASP, Asia-Pacific Hybrid Congress 2021, at Delhi on 16 to 18 Sep 2021.
14. Dr Asish Asutosh Choudhury, Senior Resident, attended as a delegate in the Mid Term CME, 2021 of IPS, Odisha at Bhubaneswar on 21 Oct 2021.
15. Dr Asish Asutosh Choudhury, Senior Resident, attended as a delegate in the 31st Annual Conference of IPS, Odisha at Bhubaneswar on 19 Dec 2021, and took part as a panelist in Panel Discussion on the topic "Confidentiality is not compromised during Teleconsultation".
16. Dr Bandita Abhijita, Senior Resident Participated as a Delegate in ADDICON 2021, the first National Conference of the Addiction Psychiatry Society of India (APSI), held on 10 to 11 Dec 2021.
17. Dr Bandita Abhijita, Senior Resident Participated as a Delegate in WASP 2021, Asia Pacific Hybrid Congress, held during 16 to 18 Dec 2021.
18. Dr Bandita Abhijita, Senior Resident Attended educational CME on "Opioid detoxification: Role of Clonidine" on 16 Feb 2022 under the aegis of Indian Psychiatric Society - North Zone.
19. Dr Bandita Abhijita, Senior Resident Attended educational CME on "Decriminalization of drug use- Need of the hour" on 9 Feb 2022 under the aegis of Indian Psychiatric Society - North Zone.
20. Dr Bandita Abhijita, Senior Resident Attended educational CME on "Benzodiazepine use disorder: Assessment and

Management" on 2 Mar 2022 under the aegis of Indian Psychiatric Society - North Zone.

21. Dr Advait Dixit, Junior Resident Won the third prize in Post graduate Quiz competition held on world mental health day by IPS State branch, 10 Oct 2021.
22. Dr Advait Dixit, Junior Resident Poster presentation in IPS state annual conference (Odisha Branch) held on 19 Dec 2021.
23. Dr Advait Dixit, Junior Resident won the third prize in PG quiz competition in IPS state annual conference (Odisha Branch) held on 19 Dec 2021.
24. Dr Abinash Achary, Junior Resident, presented Poster presentation in IPS state annual conference (Odisha Branch) held on 19 Dec 2021.
25. Dr Abinash Achary, Junior Resident, won the third prize in PG quiz competition in IPS state annual conference (Odisha Branch) held on 19 Dec 2021.
26. Dr Sharon Narula, Junior Resident won the first prize at Zonal level case presentation competition for PGs organized by IPS East Zone held on 15 Aug 2021.
27. Dr Sharon Narula, Junior Resident won the third prize in Post graduate Quiz competition held on world mental health day by IPS State branch, 10 Oct 2021.
28. Dr Sharon Narula, Junior Resident presented Poster presentation and got special award in IPS state annual conference (Odisha Branch) held on 19 Dec 2021.
29. Dr Chinu Patra, Junior Resident participated in five days Regional Training program on NACO OST Module organized by OSACS & HFW Department, Govt of Odisha in Mar 2022.
30. Dr Chinu Patra, Junior Resident attended Indian Psychiatry Society, Odisha state branch conference held in Apr 2021.
31. Dr Radhika Chakraborty, Junior Resident Awarded unique poster prize for Poster presentation at 31st Annual conference of IPS Odisha in Dec 2021.
32. Dr Radhika Chakraborty, Junior Resident received ICMR thesis grant for Thesis titled "Efficacy and safety of add on Topiramate vs Metformin on cardiometabolic profile in patients of Schizophrenia on atypical anti psychotics with metabolic syndrome: A randomized Controlled trial".

PULMONARY MEDICINE & CRITICAL CARE

1. Radhakrishnan A, Behera B, Mishra B, Mohapatra PR, Kumar R. Clinico-microbiological analysis of hospitalised melioidosis cases with sepsis and/or pneumonia: A single-centre, Prospective study from Eastern India. Presented as poster during National Congress IAMM (EMICROCON 2020) organised by the Indian Association of Medical Microbiologists from 8th - 11th Dec 2020.

SURGICAL ONCOLOGY

1. Dr Lalchhandami Colney presented oral presentation on the topic "Role of Preoperative Contrast Enhanced Computed Tomography in Staging of Gastric Cancer in Patients Undergoing Upfront Surgery with Curative Intent" at European Society for Medical Oncology (ESMO) World Gastrointestinal Cancer Congress from 30th Jun to 3rd Jul 2021.
2. Dr Lalchhandami Colney presented paper presentation on the topic "Impact of Pre-operative BMI on Survival in Patients undergoing Curative Resection for Gastric Cancer: A Cohort Study from Eastern India" at NATCON from 23, 24th and 30th Oct 2021.
3. Dr Lalchhandami Colney presented paper presentation on the topic "Pattern of Recurrence in Curatively Treated Gastric Cancer Patients: An Institutional Experience" at OSOCON on 14th Oct 2021.
4. Dr Lalchhandami Colney presented paper presentation on the topic "Influence of Post-Operative Major Complications on Long Term Outcomes in Patients undergoing Curative Resections for Gastric Cancer – An Institutional Experience" at MIDCON from 25-27th Mar 2022.
5. Dr Ajay Simha presented poster on the topic "Long term outcomes of curative resection in gastric cancer patients at a tertiary care centre" at NATCON 2021 from 23rd to 31st Oct 2021.
6. Dr Ajay Simha presented video on the topic "VATS excision of mediastinal thyroid" at OSOCON on 14th Nov 2021.
7. Dr Anshul Jain presented paper on the topic "Post-operative bowel and bladder function after pelvic peritonectomy for peritoneal surface malignancies at a tertiary care center in eastern India" at OSOCON 2021 on 14th Nov 2021.

8. Dr Dipin Rajan presented Video on the topic "Sternal reconstruction" at MIDCON from 25th to 27th Mar 2022
9. Dr Hemath S Ghalige presented a poster on the topic "Factors affecting oncological outcomes in oral squamous cell carcinoma: audit of data from a Tertiary Centre" at NATCON 2021 (virtual) from 23-31th Oct, 2021
10. Dr Hemath S Ghalige presented a poster on the topic "Lymph Node Ratio in Oral Cancer patients is a significant predictor of Recurrence and Survival " at OSOCON 2021 on 21th Nov, 2021.
11. Dr Hemath S Ghalige presented a poster on the topic "Relation of Tobacco and Betel Nut Consumption with Oral Cancer and pathogenesis" at FHNO 2021 (Virtual) from 10-12th Dec, 2021
12. Dr Pavan Kumar C G presented poster on the topic "Factors predicting response to neoadjuvant chemotherapy in gastric cancer" at ESMO World Gastrointestinal Cancer (WGI) Congress 30th Jun to 3rd Jul 2021
13. Dr Pavan Kumar C G presented poster on the topic "Factors predicting occult omental metastasis in curatively resected gastric cancer and its prognostic significance" at NATCON from 23rd to 31st Oct 2021.
14. Dr Pavan Kumar C G presented video on the topic "VATS Esophagectomy" at OSOCON 2021 on 14th Nov 2021.
15. Dr Pavan Kumar C G presented poster on the topic "Validation of the P-POSSUM score in an eastern Indian cohort of gastric cancer patients undergoing Radical gastrectomy" at MIDCON from 25th to 27th Mar 2022.
16. Dr Priyanka Saha presented oral paper on the topic "Importance of Intraoperative Frozen Section Assessment of Cavity Shave Margins in Patients Undergoing Breast Conservation Surgery in Indian context" at NATCON from 23rd to 31st Oct 2021
17. Dr Priyanka Saha presented paper on the topic "Intraoperative Frozen Section Assessment of Cavity Shave Margins in Patients Undergoing Breast Conservation Surgery Decreases Re- Excision Rates" at OSOCON on 14th Nov 2021
18. Dr Priyanka Saha presented paper on the topic "Clinico-pathological profile of triple-negative breast cancer (TNBC) and oncological outcomes of TNBC vs. Non-TNBC: A tertiary care center experience from Eastern India" at MIDCON from 25th to 27th Mar 2022
19. Dr Priyansh Jain presented video on the topic "Local chest wall perforator flaps for partial breast reconstruction" at NATCON from 23rd to 31st Oct 2021
20. Dr Priyansh Jain presented poster on the topic "Clinicopathological factors influencing axillary lymph node metastasis in clinically node negative invasive breast cancer patients undergoing upfront surgery" at OSOCON on 14th Nov 2021
21. Dr Priyansh Jain presented video on the topic "Use of local perforator flaps in breast conservation surgery" at OSOCON on 14th Nov 2021
22. Dr Priyansh Jain presented paper on the topic "Impact of pathology review in treatment of cancer patients at initial evaluation: An eastern India experience" at MIDCON from 25th to 27th Mar 2022
23. Dr Sachin Ambre presented poster on the topic "Falciform Patch Closure of Duodenal Stump After Gastrectomy For Carcinoma – Experience At Our Centre" at NATCON 2021 from 23rd - 31st Oct 2021.
24. Dr G Sravya Deepika presented poster on the topic "Validation of CPS-EG staging system in a cohort of Eastern Indian Breast cancer patients treated with Neoadjuvant Chemotherapy" at NATCON from 23rd - 31st Oct 2021
25. Dr G Sravya Deepika presented Oral presentation on the topic "Pattern of First Site of Recurrence in a Cohort of Eastern Indian Breast Cancer Patients Treated with Curative Intent" at MIDCON from 25th-27th Mar 2022 (25-27 Mar 2022)
26. Dr Abhitesh Singh presented poster on the topic, "Depth of Invasion is a significant factor for regional recurrence in patients of Oral Squamous Cell Carcinoma undergoing Curative Resection" at Foundation of Head and Neck Oncology annual conference from 11 th to 12 th Dec 2021
27. Dr Abhitesh Singh presented poster on the topic, "Short term outcome for patients with Ovarian malignancies undergoing pelvic peritonectomy at a Tertiary care centre in Eastern India" at National Conference of Indian Association of Surgical Oncology (Virtual) from 23 rd to 24 th Oct 2021.
28. Dr Abhitesh Singh presented video on the topic "Pelvic Peritonectomy" at Odisha Society of Surgical Oncologists 2021 at Bhubaneswar on 14 th Oct 2021
29. Dr Abhitesh Singh presented poster on the topic "Near-total Pancreatectomy as a viable option for post-pancreaticoduodenectomy hemorrhage (as a sequela of grade 3 post-operative pancreatic fistula)" at 18th Annual conference of Indian Chapter of International Hepato-Pancreato-Biliary Association virtual conference 2020 from 11 th to 13 th Feb 2022.

30. Dr Anshul Jain presented poster on the topic "Presence of both lymphovascular and perineural invasion has a better prognostic value than one or none of them in curatively resected gastric cancer" at NATCON 2021 from 23rd to 31st Oct 2021
31. Dr Anshul Jain resented paper on the topic "Post-operative bowel and bladder function after pelvic peritonectomy for peritoneal surface malignancies at a tertiary care center in eastern India" at OSOCON 2021 on 14th Nov 2021

TRANSFUSION MEDICINE

1. Dr Namrata Datta, SR, and Dr Niladri Das, JR, attended and presented poster presentation and oral presentation respectively in National Conference of Indian Society of Transfusion Medicine TRANSMEDCON, 2021 virtually 17-18 Dec
2. Dr Namrata Datta, SR, attended and presented two presentation in National hemovigilance conference virtually, 9 and 10 Dec, 2021.
3. Dr Namrata Datta, SR, attended and presented an oral presentation 3rd joint AABB and AATM Virtual congress 3-4 Dec, 2021
4. Dr Niladri Das JR (Academic) got 1st prize in quiz in HEMATCON 2021 (East Zone) and runners up in HEMATCON 2021 (National Conference)

UROLOGY

1. Dr Sumit Agrawal Participated in USI- Paediatric Urology Subspecialty Competition East Zone held on 31/08/21 and presented Proximal hypospadias with chordae. Single-stage or two-stage repair.
2. Dr Ankit Mishra Participated in USI- Paediatric Urology Subspecialty Competition East Zone held on 31/08/21 and presented Urinary tract complications in Myelomeningocele.
3. Dr Sumit Agrawal Participated in USI- Paediatric Urology Subspecialty Competition Final National competition held on 15-09-2021 and presented pathophysiology and Management of Polyuria in posterior urethral valve and long term follow up.
4. Dr Abhishek Pandey has participated in USICON 2021 as delegate and presented a paper on -A modified technique of video endoscopic inguinal lymphadenectomy - deep-first approach
5. Dr Santosh Kumaraswamy Percutaneous has participated in USICON 2021 as delegate and presented a paper on -management of a recurrent renal fungal ball mimicking a staghorn calculus
6. Dr Abhishek Pandey has participated in USICON 2021 as delegate and presented a poster on -Inverted urothelial papilloma of prostatic urethra nearly misdiagnosed as urothelial carcinoma - a case report
7. Dr Dheeraj K Dheroo has participated in USICON 2021 as delegate and presented a poster on -Ectopic pelvic kidney with large staghorn calculi: A case series and Delayed presentation of posterior urethral valve in adolescence
8. Dr Rohith G has participated in USICON 2021 as delegate and presented a paper in the category of USI best video prize session on -Laparoscopic Extraction of Intravesically Migrated Inguinal Hernia Mesh.



SECTION - 5

OTHERS

FEEDBACK

NERA ASPATAAL PERFORMANCE REPORT

For the period: 01-Apr-2021 to 31-Mar-2022

As On: 27-Aug-2022 13:14:42

State: All

Facility: AIIMS Bhubaneswar

Indicator: Satisfaction/Dissatisfaction (Overall)

Dissatisfaction Indicator: All

Report Type: Cumulative Report

Sr. No	Indicators	Total
1	Patient Visits	2,34,268
2	Patients with Valid Phone Numbers	1,58,479
	Patients with valid phone numbers (%)	68
3	Total Responses	2,724
	Total responses (%)	2
3.1	Very Satisfied	1,141
	Very Satisfied (%)	42
3.2	Satisfied	974
	Satisfied (%)	36
3.3	Not Satisfied	609
	Not Satisfied (%)	22
4	Total responses for dissatisfaction	517
4.1	Staff behaviour	184
	Staff behaviour (%)	36
4.2	Cleanliness	80
	Cleanliness (%)	15
4.3	Cost of treatment	88
	Cost of treatment (%)	17
4.4	Quality of treatment	6
	Quality of treatment (%)	1
4.5	Other reasons	159
	Other reasons (%)	31

ACCOUNTS

ALL INDIA INSTITUTE OF MEDICAL SCIENCES, BHUBANESWAR
SIJUA, PATRAPARA, BHUBANESWAR-751019

BALANCE SHEET AS AT 31st MARCH, 2022

(Amount Rs.)

PARTICULARS	Schedule	Current Year (2021-22)	Previous Year (2020-21)
<u>CORPUS/CAPITAL FUND AND LIABILITIES:</u>			
CAPITAL FUND	1	5,71,18,63,212.19	5,44,46,50,538.25
RESERVES AND SURPLUS	2		
EARMARKED/ENDOWMENT FUNDS	3	14,50,000.00	7,00,000.00
SECURED LOANS AND BORROWINGS	4		
UNSECURED LOANS AND BORROWINGS	5		
DEFERRED CREDIT LIABILITIES	6		
CURRENT LIABILITIES AND PROVISIONS	7	1,26,90,08,181.46	75,90,99,679.18
TOTAL:		6,98,23,21,393.65	6,20,44,50,217.43
<u>ASSETS:</u>			
FIXED ASSETS	8	4,77,87,72,959.20	4,53,59,02,866.56
INVESTMENTS-FROM EARMARKED/ENDOWMENT FUNDS	9	7,00,000.00	7,00,000.00
INVESTMENTS-OTHERS	10		
CURRENT ASSETS, LOANS, ADVANCES ETC.	11	2,20,28,48,434.47	1,66,78,47,350.89
MISCELLANEOUS EXPENDITURE (to the extent not written off or adjusted)			
TOTAL:		6,98,23,21,393.65	6,20,44,50,217.43
SIGNIFICANT ACCOUNTING POLICIES	24		
CONTINGENT LIABILITIES AND NOTES ON ACCOUNTS	25		

For and on behalf of All India Institute of Medical Sciences, Bhubaneswar


Financial Advisor


Director

ALL INDIA INSTITUTE OF MEDICAL SCIENCES, BHUBANESWAR
SIJUA, PATRAPARA, BHUBANESWAR-751019

INCOME AND EXPENDITURE ACCOUNT FOR THE PERIOD/YEAR ENDED 31st MARCH, 2022
(Amount Rs.)

PATICULARS	SCHEDULE	Current Year (2021-22)	Previous Year (2020-21)
INCOME			
Income from Sales/Services	12		
Grant/Subsidies	13*	4,40,44,80,162.00	3,79,77,06,528.90
Fees/Subscription	14*	1,25,31,547.00	66,51,332.00
Income from Investments (Income on Investment from earmarked/endow funds transferred to Funds	15	48,120.00	52,875.00
Income from Royalty, Publication etc.	16	-	-
Interest Earned	17*	4,71,27,650.00	4,73,91,795.98
Other Income	18*	9,26,24,018.52	8,19,90,377.68
Increase/(decrease) in stock of Finished goods on works- in-progress	19	1,48,51,484.35	6,44,53,976.71
TOTAL (A)		4,57,16,62,981.87	3,99,82,46,886.27
EXPENDITURE			
Establishment Expenses	20*	3,06,43,04,047.04	2,05,03,25,258.04
Other Administrative Expenses etc.	21*	1,78,22,50,911.40	1,30,82,67,112.97
Expenditure on Grants, Subsidies etc.	22*	9,09,09,153.51	5,78,94,643.00
Interest	23		
Depreciation (Net Total at the year-end-corresponding to Schedule8)		44,12,74,660.00	41,40,54,019.00
Depreciation (Prior Period Expenditure)		27,61,535.98	1,84,33,118.00
TOTAL (B)		5,38,15,00,307.93	3,84,89,74,151.01
Balance being excess of Income over Expenditure (A-B)		(80,98,37,326.06)	14,92,72,735.26
Transfer to Endowment Fund for Medal		-	-
Transfer to /from General Reserve		-	-
BALANCE BEING SURPLUS/(DEFICIT) CARRIED TO CORPUS/CAPITAL FUND		(80,98,37,326.06)	14,92,72,735.26
SIGNIFICANT ACCOUNTING POLICIES	24		
CONTINGENT LIABILITIES AND NOTES ON ACCOUNTS	25		

Note: " * " These schedules reflect items in Income & Expenditure Statements.

For and on behalf of All India Institute of Medical Sciences, Bhubaneswar


Financial Advisor


Director

ALL INDIA INSTITUTE OF MEDICAL SCIENCES, BHUBANESWAR
SIJUA, PATRAPARA, BHUBANESWAR-751019

RECEIPTS & PAYMENTS FOR THE PERIOD/YEAR ENDED 31st MARCH, 2022

RECEIPTS	Schedule	Current Year (2021-22)	Previous Year (2020-21)	PAYMENTS	Schedule	Current Year (2021-22)	Previous Year (2020-21)
I. Opening Balances				I. Expenses			
a) Cash in Hand		96,300.00	3,555.00	a) Establishment Expenses	20	2,67,58,83,352.30	2,00,75,12,041.70
b) Bank Balances				b) Administrative Expenses	21	1,67,76,62,705.46	1,32,85,48,169.91
(i) In Current A/c No-556420110000345		(10,58,21,200.97)	(8,19,12,910.97)	II. Payment made against funds for various projects	22	9,09,09,153.51	5,78,94,643.00
Bank of India A/c No-557820110000006							
Deposit Accounts (includes margin money)							
On Research Account-557820110000020		25,95,146.41	1,88,861.22				
On Patient Treatment A/c-557820110000019		25,33,111.92	24,46,481.96				
On Endowment A/c-557820110000021							
On GPF A/c-557820110000022		31,999.00	-				
On IR A/c-557820110000032		14,30,437.20	26,06,386.49				
On Application A/c-557820110000026		50,46,458.68	50,19,506.72				
On Pension Fund A/c-557820110000023		25,20,304.92	25,19,456.96				
On Auto Sweep Account		93,51,97,642.00	61,10,92,184.00				
On Auto Sweep Account - Research		1,79,64,131.00	2,67,65,256.00				
On Auto Sweep Account -19		3,25,94,036.00	1,37,72,153.00				
On Auto Sweep Account -23		32,54,399.00	10,98,130.00				
On Auto Sweep Account -32		38,77,44,992.00	30,72,95,127.00				
On Auto Sweep Account -44		3,29,177.00	7,56,581.00				
On Auto Sweep Account -26		1,95,18,319.00	1,86,12,740.00				
On Fixed Deposit of LC		5,99,33,621.00	-				
On CME A/c-557820110000033		(79,227.00)	1,29,026.00				
On RAN Pateint A/c-45		1,00,00,570.00	-				
On RBSK-557820110000046		8,16,689.92	12,73,848.96				
On Extranal Funded Project A/c-1144		5,21,86,713.80	1,09,19,314.80				
On Poor Pateint A/c-557820110000044		25,35,968.92	25,01,446.96				
On Debit Card		38,379.00	42,136.00				
On Fixed Deposit in GPF Account		-	-				
On PMJAY Ayushman Bharat A/c-557820110000049		1,09,671.96	75,000.00				
On Biju Swasthya Kalyan Yojana A/c-557820110000053		2,57,48,936.70	29,78,158.74				
On Academic Fund A/c-557810110001482		57,68,352.36	-				
On Donation Fund A/c-557810110001516		20,398.00	-				
On Over Head A/c-557810110001551		22,23,896.00	-				
On Research Grant SB A/c-557820110001311		2,38,93,491.64	1,36,29,062.00				
On Research ICMR A/c-557810110001472		2,56,48,255.00	-				
II. Grants Received				III. Investments and Deposits made			
a) From Government of India				a) Out of Earmarked/Endowment Funds			
Capital	13	95,00,000.00	1,05,00,000.00	b) Out of Own Funds (Investment others)			
Revenue	13	3,90,50,000.00	3,58,00,000.00				
Swachhata Action plan	13	2,00,00,000.00	2,00,00,000.00				
Capital-DDAP	13	1,00,000.00	6,50,000.00				
Revenue-DDAP	13	24,40,440.00	43,80,055.00				
Capital Grant-PM ABHIM Grant	13	12,69,50,000.00					
Revenue Grant-ECRP-II-Covid-19	13	24,28,00,000.00					
Revenue Grant-NSS	13	75,000.00					
NSS- Special Grant	13	67,500.00					
b) From State Government							
c) From Other Sources	13	22,13,06,098.00	18,72,77,675.90	IV. Expenditure on Fixed Assets			

(Amount Rs.)

(Amount Rs.)

RECEIPTS & PAYMENTS FOR THE PERIOD/YEAR ENDED 31st MARCH, 2022

(Amount Rs.)							
RECEIPTS	Schedule	Current Year (2021-22)	Previous Year (2020-21)	PAYMENTS	Schedule	Current Year (2021-22)	Previous Year (2020-21)
				On Debit Card		98,936.00	38,379.00
				On Fixed Deposit in Academic Fund		50,00,000.00	
				On PMJAY Ayushman Bharat A/c-55782011000049		2,56,987.44	1,09,671.96
				On Biju Swasthya Kalyan Yojana A/c-55782011000053		4,20,63,217.18	2,57,48,936.70
				On Academic Fund A/c-557810110001482		1,31,64,143.36	57,68,362.36
				On Donation Fund A/c-557810110001516		89,337.62	20,398.00
				On Over Head A/c-557810110001551		25,19,459.00	22,23,896.00
				- On Research Grant SB A/c-557820110001311		5,32,58,337.64	2,38,93,491.64
				On Research ICMR A/c-557810110001472		4,48,20,551.00	2,56,48,255.00
				On NSS regular Grant-557810110001708		38,227.00	
				NSS Special Grant-557810110001709		402.00	
VII. Any Other Receipts	18	9,32,34,482.52	8,19,84,524.32				
TOTAL:		7,25,42,43,190.88	5,98,47,73,076.89	TOTAL:		7,25,42,43,190.88	5,98,47,73,076.89

For and on behalf of All India Institute of Medical Sciences, Bhubaneswar



Director



Financial Advisor

**ALL INDIA INSTITUTE OF MEDICAL SCIENCES, BHUBANESWAR
SIJUA, PATRAPARA, BHUBANESWAR-751019**

SCHEDULE FORMING PART OF BALANCE SHEET AS AT 31st MARCH, 2022

DETAILS OF SCHEDULE-1 : CORPUS/CAPITAL FUND

PARTICULARS	Current Year (2021-22)	Previous Year (2020-21)
	(In Rs.)	(In Rs.)
Balance as at beginning of the year	5,44,46,50,538.25	4,24,47,27,802.99
Add: Contribution towards Corpus/Capital Fund		
(i) AIIMS Bhubaneswar	95,00,00,000.00	1,05,00,00,000.00
(ii) AIIMS - DDAP	1,00,000.00	6,50,000.00
(iii) AIIMS-PM ABHIM	12,69,50,000.00	
Add/(Deduct): Balance of net income/(expenditure) transferred from the Income and Expenditure Account	(80,98,37,326.06)	14,92,72,735.26
	-	
Balance as at the year end	5,71,18,63,212.19	5,44,46,50,538.25

For and on behalf of All India Institute of Medical Sciences, Bhubaneswar


Financial Advisor


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ALL INDIA INSTITUTE OF MEDICAL SCIENCES, BHUBANESWAR
SIJUA, PATRAPARA, BHUBANESWAR-751019

DETAILS OF SCHEDULE-2 : RESERVES AND SURPLUS

PARTICULARS	Current Year (2021-22) (In Rs.)		previous Year (2020-21) (In Rs.)	
1. Capital Reserve:				
As per last Account				
Addition during the year				
Less: Deductions during the year		-		-
2. Revaluation Reserve				
As per last Account				
Addition during the year				
Less: Deductions during the year		-		-
3. Special Reserve				
As per last Account				
Addition during the year				
Less: Deductions during the year		-		-
4. General Reserve				
As per last Account				
Addition during the year				
Less: Deductions during the year		-		-
TOTAL:		-		-

For and on behalf of All India Institute of Medical Sciences, Bhubaneswar


Financial Advisor


Director

ALL INDIA INSTITUTE OF MEDICAL SCIENCE, BHUBANESWAR
SIJUA, PATRAPARA, BHUBANESWAR-751019

DETAILS OF SCHEDULE-3 : EARMARKED/ENDOWMENT FUNDS

PARTICULARS	FUND-WISE BREAK UP	TOTAL	
	Fund for Medals	Current Year (2021-22)	Previous Year (2020-21)
a) <u>Opening balance of the funds</u>			
b) <u>Addition to the Funds:</u>			
i. Donation/grants	14,50,000.00	-	7,00,000.00
ii. Income from investments made on account of funds			
iii. Other additions (Specify nature)			
Interest out of Endowment fund for Gold Medal			-
TOTAL: (a+b)	14,50,000.00	-	7,00,000.00
c) <u>Utilisation/Expenditure towards objectives of funds</u>			
i. <u>Capital Expenditure</u>			
- Fixed Assets			
- Others			
<u>Total</u>			
ii. <u>Revenue Expenditure</u>			
- Salaries, Wages and Allowances etc.			
- Rent			
- Other Administrative expenses			
<u>Total</u>			
TOTAL: c			
NET BALANCE AS AT THE YEAR END (a+b-c)	14,50,000.00	-	7,00,000.00
Notes 1) Disclosures shall be made under relevant heads on conditions attaching to the grants. 2) Plan Funds received from the Central/State Governments are to be shown as separate Funds and not to be mixed up with any other Funds.			

For and on behalf of All India Institute of Medical Sciences, Bhubaneswar


Financial Advisor


Director

**ALL INDIA INSTITUTE OF MEDICAL SCIENCES, BHUBANESWAR
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DETAILS OF SCHEDULE-4 : SECURED LOANS AND BORROWINGS

PARTICULARS	Current Year (2021-22) (In Rs.)		Previous Year (2020-21) (In Rs.)	
1. Central Government				
2. State Government (Specify)				
3. Financial Institutions				
a) Term Loans				
b) Interest accrued and due				
4. Banks				
a) Term Loans				
- Interest accrued and due				
b) Other Loans (Specify)				
- Interest accrued and due				
5. Other Institutions and Agencies				
6. Debentures and Bonds				
7. Others Specify				
Total				
Note: Amounts due within one year				

For and on behalf of All India Institute of Medical Sciences, Bhubaneswar



Financial Advisor



Director

**ALL INDIA INSTITUTE OF MEDICAL SCIENCES, BHUBANESWAR
SIJUA, PATRAPARA, BHUBANESWAR-751019**

DETAILS OF SCHEDULE-5 : UNSECURED LOANS & BORROWINGS

PARTICULARS	Current Year (2021-22)	Previous Year (2020- 21)
	(In Rs.)	(In Rs.)
1. Central Government		
2. State Government (Specify)		
3. Financial Institution		
4. Banks:		
a) Term Loans		
b) Other Loans (specify)		
5. Other Institutions and Agencies		
6. Debentures and Bonds		
7. Fixed Deposits		
8. Others (Specify)		
TOTAL:		
Note: Amounts due within one year		

For and on behalf of All India Institute of Medical Sciences, Bhubaneswar


Financial Advisor


Director

**ALL INDIA INSTITUTE OF MEDICAL SCIENCES, BHUBANESWAR
SIJUA, PATRAPARA, BHUBANESWAR-751019**

DETAILS OF SCHEDULE-6 : DEFERRED CREDIT LIABILITIES

PARTICULARS	Current Year (2021-22)	Previous Year (2020-21)
	(In Rs.)	(In Rs.)
a) Acceptances secured by hypothecation of capital equipment and other assets		
b) Others		
TOTAL:		
Note: Amounts due within one year		

For and on behalf of All India Institute of Medical Sciences, Bhubaneswar


Financial Advisor


Director

ALL INDIA INSTITUTE OF MEDICAL SCIENCES, BHUBANESWAR
SIJUA, PATRAPARA, BHUBANESWAR-751019

DETAILS OF SCHEDULE-7 : CURRENT LIABILITIES AND PROVISIONS

PARTICULARS	CURRENT YEAR (2021-22) (In Rs.)	Previous YEAR (2020-21) (In Rs.)
A. CURRENT LIABILITIES		
1. Acceptances		-
2. Sundry Creditors:		-
Administrative Expenses/General Grants (Goods & Services)	21,22,53,389.00	11,34,51,064.06
A K Dey & Night Medicine Store	4,55,000.00	27,22,976.00
A K Distributors		4,30,200.00
Alakananda Advertiserment Pvt. Ltd	5,14,849.00	16,41,522.00
Ananda Industrial Gases		2,32,305.00
Access Medicom Private Limited	29,66,643.00	21,57,120.00
Ananta Pharmaceuticals		2,43,766.00
Advocates		71,700.00
Apurva Alliance		2,27,327.00
Astor Inc-Patient Daitary Service	44,10,553.00	35,74,795.00
ABC Traders	2,500.00	-
Abtos Labtech Pvt Ltd	88,000.00	
Anaya Traders	4,58,000.00	
Appasamy Associates Pvt Ltd	37,595.00	
Archana Pattnaik-Rent Payable	30,516.00	
Balmer Lawrie & Co Ltd (Travel Exp.)	5,87,903.00	2,22,943.00
BECIL	10,87,862.00	8,23,598.00
Becton Dickion India Private limited	-	14,712.00
Bombay Intelligent Security Services	4,94,35,995.00	2,62,24,357.00
Bharati Enterprise	1,03,933.00	57,028.00
Bijaya Ketan Bhatt	-	9,34,242.00
Bio Technica	-	2,51,594.00
Bindu creative	49,822.00	
BM Enterprises	10,443.00	
Bikky Kumar-Laibilities	6,000.00	
Bioapps	79,220.00	
Biranchi Narayan Swain	2,83,500.00	
Blue Star Ltd	11,30,519.00	
Board of Radiation & Istope Technology	3,82,625.00	
Caltech Life Science	-	27,376.00
Capital Traders	1,33,501.00	1,33,501.00
CESU (Electricity Charges)	1,26,91,298.00	1,11,72,585.00
Central Warehousing Corporation	4,57,333.00	5,34,135.00
Cepheid India Pvt Ltd	-	32,006.00
CL Micromed Pvt Ltd	9,76,440.00	8,84,763.00
Crop Meditech	-	1,92,115.00
Cosmos Healthcare Private Limited	-	1,98,670.00
Care & Care	7,62,747.00	
Central Research Institute	1,20,300.00	
Chem. Eco. Engineer	3,38,265.00	
Durga Supply Agencies	8,89,365.00	40,000.00
DDAP Expenses Payable	-	74,871.00
Dept. of Anaesthesiology-Laibilities	10,000.00	
Dept. of ENT	23,615.00	
Dillip Mishra	6,240.00	
Dr Sandeep Panda-Laibilities	19,861.00	
Dr Sucheta Parlija	8,000.00	
Dr Sweta Singh	10,720.00	
Eureka Forbes Ltd	-	61,315.00
Eppendorf India PVT Ltd	5,460.00	
Everest Pharma agencies	4,74,880.00	
Galactic Solution	550.00	
Golden Hospitality Services P Ltd	1,22,10,746.00	1,33,35,972.00
Happy Travels (Hiring Charges of Vehicle)	20,76,277.00	13,56,393.00
Harsh Tour & Travels	8,050.00	-
HLL Ifecare Limited	1,07,72,464.00	16,72,299.00
Hrlom express	85,000.00	
Hindustan Antibiotics Ltd	73,54,856.00	
Intramural Research Exp payable	847.00	25,000.00
Infra Brothers	-	20,480.00
Insta Traders	1,726.00	-
JJ Surgical	82,65,905.00	46,29,997.00
Jigsan Mercantile P Ltd	-	2,10,000.00
Janmejy Padhi	9,040.00	
J.K Pharmaceuticals	40,32,000.00	
Jyoti Motors	4,290.00	
Karnatak antibiotics & Pdharmaeaceuticals Limit	1,49,408.00	20,89,053.00
Kendriya Bhandar	-	16,139.00
Kislay Kumar		1,74,929.00
Knimbus	2,12,400.00	

Mukesh Zifathi

DETAILS OF SCHEDULE-7 : CURRENT LIABILITIES AND PROVISIONS

PARTICULARS	CURRENT YEAR (2021-22) (In Rs.)	Previous YEAR (2020-21) (In Rs.)
Kyakalpa expenses payable	2,60,044.00	
Kamal Enterprises	2,94,838.00	
Lab Solution	2,75,143.00	5,000.00
Life EDGE Pharmaceuticals	44,08,082.00	3,83,042.00
Lab Pro Odisha	20,81,748.00	-
Legal Charges Payable	2,340.00	2,340.00
Linder India Limited	11,76,245.00	1,80,030.00
Maa Laxmi Fabricator	14,500.00	14,500.00
Misc. Expenditure Payable	4,29,467.00	2,34,487.00
Mamata Enterprise	-	9,912.00
MDD Medical System Pvt Ltd	8,17,600.00	16,35,200.00
Medical Superintendent Office	-	1,000.00
Medovation products	-	30,702.00
Mehera Eyetech Private Limited	-	21,018.00
Medical Superintendent Office	1,000.00	
Mohapatra pharmaceuticals	39,64,800.00	
MJK International	6,909.00	
Moon enterprises	1,938.00	
Mechiller Healthcare Pvt Ltd	7,080.00	
NIFT (Mess Charges)	91,575.00	91,575.00
Noble Enterprises	4,12,527.00	5,417.00
Narayan Scientetific Instrument Co	-	34,896.00
Naivedya Enterprise	7,69,574.00	
Nibisco Metals	53,29,442.00	
NSDL	79,183.00	
Odisha Scientific House	-	78,488.00
Orican Systems P Limited	24,400.00	8,550.00
Oriental Store Supplying Co	35,184.00	
Postal Charges Payable	30,302.00	34,123.00
Professional Charges Payable	3,86,825.00	16,000.00
Pranati Sahoo-Jivdaya	-	69,245.00
Prevention Health Care Pvt Ltd	-	20,543.00
Philips India Ltd	-	1,09,454.00
Pristine Bio Chemical	1,42,627.00	-
Phoenix Medical Sys pvt Ltd	-	12,880.00
Power Zone	-	14,580.00
P K ray Liabilities	2,51,716.00	
P C Forms & Stationary	2,84,877.00	
Power Grid Corporation of India	16,59,042.00	
Powertech Enterprises	6,790.00	
Proglity Technology Pvt Ltd	4,76,134.00	
Ranjan Printer & Suppliers	3,04,950.00	1,90,280.00
Reimbursement of News paper Bill Payable	6,83,220.00	2,49,334.00
Repair & Maintenance Payable	1,13,16,914.00	1,36,45,478.06
Real Sale & Engineering Ltd	-	21,485.00
Romson Traders	5,99,147.00	9,700.00
Reddy pharmaceuticals	5,04,000.00	
Rhino international agencies	1,74,383.00	
R P enterprises	76,000.00	
Sani clean private limited	12,64,201.00	4,70,031.00
Sasthi Infotech	65,709.00	39,704.00
Security & Intelligence Services (I) Ltd	1,61,61,075.00	1,17,70,844.00
Sayoni	10,85,040.00	63,907.00
Shree Sai Service	47,94,492.00	12,24,901.00
Siemens Healthcare P Ltd	5,50,000.00	21,41,167.00
Sitaram Tripathy	3,682.00	3,682.00
Synergy Scientific Private Limited	24,360.00	
Smita Enterprise	-	17,550.00
Sterranco Healthcare pvt Ltd	-	1,79,200.00
Sunil kumar pati	12,505.00	
Shree Shyama Traders	3,09,000.00	
Sivya Agency	54,432.00	
Sparsh Technology	4,53,569.00	
S.M Water Solution	5,82,731.00	
S R Solution	8,668.00	
Sushruta Hospital Solution	5,03,378.00	
Swagath International	6,35,712.00	
Syphen Technology	2,87,000.00	
Travelling Expenses Payable	2,53,693.00	1,87,341.00
Telephone Charges Payable	7,00,749.00	9,69,310.00
The New India Insurance Co	-	13,032.00
Uma Fire Service	-	3,83,856.00
Unique Distributors	1,57,44,821.00	2,14,535.00
Verve Human Care Lab	-	83,261.00
Universal Medisystems pvt Ltd	2,20,493.00	
Usam Technology Solution Pvt Ltd	10,38,187.00	
Vertive Energy Pvt Ltd	46,33,978.00	
Vinayak Agencies	1,61,280.00	
Vikash Medical Devices	-	10,39,620.00
Vision Lab	23,010.00	24,780.00



DETAILS OF SCHEDULE-7 : CURRENT LIABILITIES AND PROVISIONS

PARTICULARS	CURRENT YEAR (2021-22) (In Rs.)	Previous YEAR (2020-21) (In Rs.)
Vora Book House	11,038.00	
VSV Renewables Pvt Ltd	10,56,978.00	
Water Charges Payable		7,83,300.00
	2,18,42,010.00	4,96,04,227.30
Capital Expenses/ CCA Grant:		33,50,802.00
APH Medical	19,75,710.00	
AD 4U Communication	96,200.00	
Biranchi Narayan Swain		11,139.00
Climator Corporation		5,28,000.00
CIS Medical Solution		1,12,000.00
Cosmotech Medicaments Pvt Ltd	7,29,060.00	1,51,200.00
Cyber Max Enterprises		23,500.00
Delite Hi-tech Furniture india P Ltd		24,20,100.00
Duro furniture		1,55,000.00
Dinesh scientific	79,778.00	
Dot matrix retail paraigm pvt ltd	10,90,000.00	
DSS Imagetech Pvt Ltd	82,51,740.00	
EBSCO	11,95,425.00	
Excel System		2,45,912.00
Furniture Plaza		3,36,000.00
Global Publication Pvt Ltd		47,905.00
Goenka Enterprises		1,95,448.00
Green Affilate SPV Toe Lip		3,63,440.00
HLL Infratech Services Pvt Ltd		51,74,036.00
HSCC (I) Ltd	15,93,000.00	
India Medtronic Pvt Ltd		1,72,800.00
International Subscription Agency		1,84,86,798.00
Insta Traders		11,62,000.00
Invenicobuilding solution	4,405.00	4,405.00
Jayat Enterprise		33,998.00
Kislay Kumar	10,33,630.00	
Kludge Media Pvt Ltd	4,28,280.00	
Mercury Lab Planners		24,999.00
MR Grans Hill Inc		3,03,057.11
Milan sale corporation	10,400.00	
Morden Surgical Company	1,48,319.00	
Nagina industrial corporation	6,150.00	
Nibisco Metals	29,33,550.00	
Olympus Medical Sys India Limited		88,23,073.00
PC Forms & Stationary		12,490.00
Power Zone		88,200.00
Pridex Meditek		35,259.00
Prem son	19,399.00	
Raju watch and redios center		1,36,900.00
Rabindra Surgical Pvt Ltd	12,00,024.00	4,80,000.00
RB Sales		9,980.00
Robonik India Pvt Ltd		3,00,000.00
Rocket Marketing		49,990.00
Romoson Traders		24,992.00
RSE Support P LTd		20,859.00
Saratyme-Q		50,400.00
Shreya Enterprise		95,984.00
Sterranco Healthcare pvt Ltd		10,61,910.00
Stryker India Private Limited		5,28,651.00
Shibani medi Equipment	2,24,700.00	
Steelraj industrial LLP	8,08,200.00	
The SS Mart		1,98,900.00
Toughees Telecom		43,878.00
The indian journal of peadiatrics	14,040.00	
Up to Dat Ince		18,11,202.19
Vishal Surgical Equipment Co		15,29,200.00
Vikash Medical Devices		7,78,500.00
Wodco Enterprise		16,050.00
Wood Arts		17,000.00
Woodco Enterprise		1,88,270.00
3. Advances Received		
4. Interest accrued but not due on:		
a) Secured Loans/borrowings		
b) Unsecured Loans/borrowings		
5. Statutory Liabilities:	14,68,37,048.14	7,39,75,101.10
a) Overdue		
b) Others		
TDS- On GST Payable	23,88,871.00	37,22,540.00
Establishment Expenses/ Salary Grants:		
(Deduction Due for Remittance)		
TDS-Income Tax Payable	2,06,90,792.00	37,273.00
Professional tax payable	5,38,950.00	1,93,200.00
NPS Deduction	4,78,53,966.02	1,82,44,761.02



DETAILS OF SCHEDULE-7 : CURRENT LIABILITIES AND PROVISIONS

PARTICULARS	CURRENT YEAR (2021-22) (In Rs.)		Previous YEAR (2020-21) (In Rs.)	
E H S Contributions	3,98,37,567.00		2,92,46,859.00	
Licence Fees/ LIC/ CGHS/GIS/GSLI	7,52,200.00		7,46,235.00	
Misc. Recovery/Electricity/ PF Recovery	1,01,25,867.00		1,02,88,026.00	
Pension Fund	53,60,605.00		48,61,089.00	
Comuted Pension	81,90,165.00			
Leave Salary Fund	21,75,554.00		2,42,710.00	
DCRG	11,80,380.00			
Security Deposit From student	(14,975.00)		(14,975.00)	
CPF/ GPF Employee's Contribution	34,42,577.00		39,77,342.00	
General Purpose Advance	47,206.00		47,206.00	
House Building Advance	88,249.00		(39,274.00)	
Motor Cycle Advance	90.00		18,090.00	
Recovery of Air ticket	28,050.00		28,050.00	
Salary Recovery	12,91,892.00		14,93,039.00	
Other Staff related Deduction	3,36,211.00		1,04,077.00	
Stale Chaque	7,22,449.00			
LTC Payable	4,12,520.00			
GPF Employer Contribution Payble	13,60,862.12		7,78,853.08	
Children Education Allowance	27,000.00			
6. Other Current Liabilities		2,99,418.00		2,38,441.00
a) Fees Refundable to students	45,856.00		45,856.00	
Student Benevolent Fund	1,81,517.00		1,20,540.00	
Caution Money from Students	72,045.00		72,045.00	
b) Earnest Money Deposit		75,43,848.00		85,82,443.00
c) Salary Payable		24,47,18,223.00		18,53,08,250.30
Regular Staff	22,56,17,046.00		17,79,64,631.30	
Stipend Payable	40,99,217.00		30,71,854.00	
Remuneration Payable	3,28,197.00		18,20,263.00	
LRA Payable	1,40,64,467.00		23,02,083.00	
Medical Claim Payable	6,09,296.00		1,49,419.00	
d) Other Payables		15,01,45,756.00		22,34,56,100.00
Internal Electrical BOQ	20,88,693.00		20,88,693.00	
Recovery of Mobilisation Advance - Principal	2,33,09,739.00		2,33,09,739.00	
Recovery of Mobilisation Advance - Interest	36,09,175.00		36,09,175.00	
Recovery of Secured Advance	3,30,46,817.00		3,30,46,817.00	
Performance Security	4,96,170.00		4,96,170.00	
Security Kept from Contractors	1,85,02,950.00		1,87,12,403.00	
Withheld Amount from Contractors	3,13,83,026.00		2,81,03,884.00	
CPWD BCD-II- Laibilities	3,77,04,466.00		27,04,466.00	
Workshop Money Payable	4,720.00		4,720.00	
DDAP Expenses Payable		12,57,956.00		
EPF Payable Golden		7,95,891.00		
Uniform allowance security		33,15,891.00		
AIIMS Kalyani			8,16,49,460.00	
AIIMS Guwahati			2,97,30,573.00	
e) Research Grant - Pending Utilisation		13,07,66,248.42		6,60,40,042.42
f) CME Fund - Pending Utilisation		8,99,893.90		4,571.00
g) Grants from External Agencies- Pending Utilisation		9,17,67,701.00		3,84,39,439.00
TOTAL: (A)		1,01,24,43,273.46		75,90,99,679.18
B. PROVISIONS				
1. For Taxation				
2. Superannuation/Pension(under Old Pension Scheme)		25,65,64,908.00		
3. Gratuity				
4. Accumulated Leave Encashment				
5. Trade Warranties/claim				
6. Others (Specify)				
TOTAL: (B)		25,65,64,908.00		-
TOTAL: (A+B)		1,26,90,08,181.46		75,90,99,679.18

For and on behalf of All India Institute of Medical Sciences, Bhubaneswar


 Financial Advisor


 Director

ALL INDIA INSTITUTE OF MEDICAL SCIENCES, BHUBANESWAR
SUJA, PATRAPARA, BHUBANESWAR-751019

DETAILS OF SCHEDULE-8 : FIXED ASSETS

DESCRIPTION	GROSS BLOCK (in Rs.)			DEPRECIATION (in Rs.)			NET BLOCK	
	Cost/Valuation at beginning of the year	Addition during the year	Deduction during the year	As at the beginning of the year	On Addition & Opening During the year	On Deductions During the year	As at the current year-end	As at the previous year-end
FIXED ASSETS:								
LAND								
a) Freehold	2.00	1,07,17,482.00	-	-	-	-	1,07,17,482.00	2.00
b) Leasehold	-	-	-	-	-	-	-	-
BUILDINGS								
a) On Freehold Land	-	-	-	-	-	-	-	-
b) On Leasehold Land	-	-	-	-	-	-	-	-
c) Ownership Flats/Premises	-	-	-	-	-	-	-	-
d) Superstructures on Land not belonging to the entity	-	-	-	-	-	-	-	-
e) Other Building & infrastructures	-	-	-	-	-	-	-	-
PLANTS MACHINERY & EQUIPMENT								
VEHICLES	16,84,58,465.00	96,93,761.00	1,20,08,014.00	2,72,69,371.30	1,48,18,873.00	6,07,289.02	12,45,63,266.72	14,11,89,093.70
FURNITURE & FIXTURES								
15%	26,15,325.00	-	-	10,11,290.10	2,40,806.00	-	13,63,431.90	16,04,037.90
10%	22,06,83,119.00	33,70,198.00	-	5,78,93,911.01	1,64,28,967.00	-	14,37,30,436.99	16,27,89,207.99
15%	5,83,13,540.00	50,97,700.00	-	2,27,47,164.45	58,56,324.00	-	3,48,07,861.55	3,55,66,486.55
SCIENTIFIC EQUIPMENTS								
a) Scientific Equipments-AIMS	92,25,30,861.28	19,22,65,990.78	-	35,46,45,099.87	10,49,37,860.00	-	65,53,13,892.19	66,79,85,661.41
b) Scientific Equipments-HLL	1,89,58,74,725.71	15,67,19,697.60	-	61,46,45,331.00	19,48,13,285.00	-	1,24,32,35,810.31	1,28,13,29,398.71
c) Scientific Equipments-AIMS life saving	6,92,28,875.00	40,33,812.00	-	2,51,14,097.00	1,95,73,847.00	-	2,85,74,946.00	4,41,14,781.00
d) Scientific Equipments-HLL life saving	17,00,27,350.75	7,36,840.00	-	9,21,74,943.00	3,11,41,770.00	-	12,33,16,713.00	7,78,62,407.75
COMPUTER PERIPHERALS								
40%	12,72,70,150.00	33,36,308.00	-	7,69,53,192.74	2,14,46,599.00	-	3,32,06,686.26	5,13,16,967.26
10%	2,14,80,401.00	39,95,799.00	-	39,80,534.00	20,66,195.00	-	1,94,38,471.00	1,74,99,867.00
ELECTRIC INSTALLATIONS								
10%	1,06,28,795.00	1,47,09,303.00	-	24,55,070.00	18,72,819.00	-	2,10,06,209.00	81,69,725.00
Medical Gas Pipe Line System	15,94,84,226.02	1,19,45,520.84	-	9,24,87,423.27	3,04,75,281.00	-	12,29,62,704.27	6,89,96,802.75
LIBRARY BOOKS/E-JOURNALS								
40%	3,82,66,35,745.76	41,56,22,408.22	1,20,08,014.00	1,37,02,81,417.74	44,36,62,027.00	6,07,289.02	2,41,78,73,984.25	2,45,64,14,328.02
TOTAL OF CURRENT YEAR (A)								
FIXED ASSETS: KAYAKALPISAP								
FURNITURE & FIXTURES	40,98,750.00	46,20,121.00	-	7,04,508.00	5,30,406.00	-	12,36,314.00	33,93,842.00
OFFICE EQUIPMENTS	24,66,766.00	11,72,613.00	-	3,91,613.00	4,01,386.00	-	7,93,001.00	28,46,378.00
COMPUTER PERIPHERALS	-	97,250.00	-	-	49,664.00	-	49,664.00	-
TOTAL OF CURRENT YEAR (B)								
	65,65,516.00	58,89,984.00	-	10,96,521.00	9,81,456.00	-	20,77,979.00	54,66,996.00
FIXED ASSETS: DDAP								
FURNITURE & FIXTURES	6,53,946.00	-	-	52,412.00	-	-	52,412.00	6,01,534.00
COMPUTER PERIPHERALS	5,45,175.00	-	-	1,66,141.00	-	-	1,66,141.00	3,79,034.00
SCIENTIFIC EQUIPMENT	9,31,118.00	-	-	94,070.00	-	-	94,070.00	8,37,048.00
TOTAL OF CURRENT YEAR (C)								
	21,30,239.00	-	-	3,12,623.00	-	-	3,12,623.00	18,17,616.00
Capital Work in Progress								
Building Works	2,03,42,54,938.00	36,13,38,534.00	6,83,77,800.00	-	-	-	2,32,72,16,672.00	2,03,42,54,938.00
For Equipments from HLL								
	2,31,85,352.54	12,09,23,338.00	13,73,82,161.60	-	-	-	67,26,528.94	2,31,85,352.54
CWIP - Kayakalpa								
	1,47,61,637.00	-	-	1,47,61,637.00	-	-	1,47,61,637.00	1,47,61,637.00
TOTAL OF CURRENT YEAR (B)								
	2,07,22,01,927.54	48,22,61,872.00	20,57,59,961.60	2,34,87,03,837.54	-	-	2,34,87,03,837.54	2,07,22,01,927.54
TOTAL OF CURRENT YEAR (A+B)								
	5,90,75,93,428.30	90,46,74,264.22	21,77,67,976.60	1,37,16,90,561.74	44,46,43,486.00	6,07,289.02	4,77,87,72,959.20	4,53,59,02,866.66

For and on behalf of All India Institute of Medical Sciences, Bhubaneswar


Director


Financial Advisor

**ALL INDIA INSTITUTE OF MEDICAL SCIENCES, BHUBANESWAR
SIJUA, PATRAPARA, BHUBANESWAR-751019**

DETAILS OF SCHEDULE-9 : INVESTMENTS FROM EARMARKED/ENDOWMENT FUNDS

PARTICULARS	Current Year (2021-22)	Previous Year (2020-21)
	(In Rs.)	(In Rs.)
1. In Government Securities		
2. Other Approved Securities		
3. Shares		
4. Debentures and Bonds		
5. Subsidiaries and Joint Ventures		
6. Fixed Deposit with Bank of India	7,00,000.00	7,00,000.00
TOTAL	7,00,000.00	7,00,000.00

For and on behalf of All India Institute of Medical Sciences, Bhubaneswar


Financial Advisor


Director

**ALL INDIA INSTITUTE OF MEDICAL SCIENCES, BHUBANESWAR
SIJUA, PATRAPARA, BHUBANESWAR-751019**

DETAILS OF SCHEDULE-10 : INVESTMENT OTHERS

PARTICULARS	Current Year (2021-22)	Previous Year (2020-21)
	(In Rs.)	(In Rs.)
1. In Government Securities		
2. Other Approved Securities		
3. Shares		
4. Debentures and Bonds		
5. Subsidiaries and Joint Ventures		
6. Others (to be specified)		
TOTAL		

For and on behalf of All India Institute of Medical Sciences, Bhubaneswar



Financial Advisor



Director

ALL INDIA INSTITUTE OF MEDICAL SCIENCES, BHUBANESWAR
SIJUA, PATRAPARA, BHUBANESWAR-751019

DETAILS OF SCHEDULE-11: CURRENT ASSETS, LOANS, ADVANCES ETC.

PARTICULARS	Current Year (2021-22)		Previous Year (2020-21)	
	(In Rs.)		(In Rs.)	
A. CURRENT ASSETS:				
1. <u>Inventories:</u>				
a) Stores and Spares	7,93,05,461.06		6,44,53,976.71	
b) Loose Tools				
c) Stock-in-trade				
Finished Goods				
Work-in-progress				
Raw Materials				
	7,93,05,461.06	7,93,05,461.06	6,44,53,976.71	6,44,53,976.71
2. <u>Sundry Debtors:</u>				
a) Debts Outstanding for a period exceeding six months				
b) Others				
	-	-	-	-
3. <u>Cash balances in hand</u> (including cheques/drafts and imprest)	43,032.00	43,032.00	96,300.00	96,300.00
4. <u>Bank Balances:</u>				
a) <u>With Scheduled Banks:</u>				
<u>On Current - Flexi Account (Auto Sweep)</u>				
Bank of India A/c No-557820110000006	(3,37,81,786.93)		(10,58,21,200.97)	
-On Research Account-557820110000020	23,59,193.42		25,95,146.41	
-On Patient Treatment A/c-557820110000019	2,87,89,419.40		25,33,111.92	
-On Endowment A/c-557820110000021	7,50,000.00			
-On GPF A/c-557820110000022	31,999.00		31,999.00	
-On Internal Resources A/c-557820110000032	29,92,178.54		14,30,437.20	
-On Application A/c-557820110000026	50,62,232.64		50,46,458.68	
-On Pension Fund A/c-557820110000023	25,41,695.88		25,20,304.92	
-On Auto Sweep Account - Research	3,72,97,917.00		1,79,64,131.00	
-On Auto Sweep Account - General	1,23,47,40,715.00		93,51,97,642.00	
-On Auto Sweep Account -19			3,25,94,036.00	
-On Auto Sweep Account -23	1,54,05,417.00		32,54,399.00	
-On Auto Sweep Account -32	47,25,83,466.00		38,77,44,992.00	
-On Auto Sweep Account -44			3,29,177.00	
-On Auto Sweep Account -26	2,02,90,460.00		1,95,18,319.00	
-On Fixed Deposit of LC			5,99,33,621.00	
-On CME A/c-557820110000033	8,16,095.90		(79,227.00)	
-On RAN Pateint A/c-557820110000045	98,87,783.00		1,00,00,570.00	
-On RBSK-557820110000046	1,05,68,951.40		8,16,689.92	
-On Poor Pateint A/c-557820110000044	18,87,642.40		25,35,968.92	
-On PMJAY Ayushman Bharat A/c-557820110000049	2,56,987.44		1,09,671.96	
-On Biju Swasthya Kalyan Yojana A/c-557820110000053	4,20,63,217.18		2,57,48,936.70	
-On Academic Fund A/c-557810110001482	1,31,64,143.36		57,68,362.36	
-On Donation Fund A/c-557810110001516	89,337.62		20,398.00	
-On Over Head A/c-557810110001551	25,19,459.00		22,23,896.00	
-On NSS regular Grant-557810110001708	38,227.00			
-On NSS Special Grant-557810110001709	402.00			
<u>On Saving Bank Account</u>				
-On Externally Funded Project A/c-557810110001144	9,97,82,364.80		5,21,86,713.80	
-On Research Grant A/c-557820110001311	5,32,58,337.64		2,38,93,491.64	
-On Research ICMR A/c-557810110001472	4,48,20,551.00		2,56,48,255.00	
-On Debit Card	98,936.00		38,379.00	
-On Fixed deposit-Academic Fund	50,00,000.00			
	2,07,33,15,342.69	2,07,33,15,342.69	1,51,37,84,680.46	1,51,37,84,680.46
b) <u>With Non-Scheduled Bank:</u>				
-On Current Accounts				
-On Deposit Accounts				
-On Savings Accounts				
5. <u>Other Receivable</u>				
RBSK Receivable		1,83,306.00		1,83,306.00
Rent Receivable from Bank		22,500.00		22,500.00
TDS Receivable		1,89,96,626.72		67,75,166.72
TOTAL (A)		2,17,18,66,268.47		1,58,53,15,929.89

For and on behalf of All India Institute of Medical Sciences, Bhubaneswar


Financial Advisor


Director

ALL INDIA INSTITUTE OF MEDICAL SCIENCES, BHUBANESWAR
SIJUA, PATRAPARA, BHUBANESWAR-751019

DETAILS OF SCHEDULE-11: CURRENT ASSETS, LOANS, ADVANCES ETC. (Contd.)

PARTICULARS	Current Year (2021-22)		Previous Year (2020-21)	
	(In Rs.)		(In Rs.)	
B. LOANS, ADVANCES AND OTHER ASSETS				
1. <u>Loans:</u>				
a) Staff				
b) Other Entities engaged in activities/objectives similar to that of the Entity				
c) Other (specify)				
2. <u>Advances and other amounts recoverable in cash or in kind or for value to be received:</u>				
a) On Capital Account (Advance to Other Parties) - Annexure-A	32,124.00		1,35,00,946.00	
b) Prepayments				
c) Others:				
Advance for Expenses (Employees) - Annexure-B	19,46,410.00		25,72,393.00	
Advance to Other Parties - Annexure - C	89,10,352.00		4,63,64,802.00	
Security Deposits - Annexure - D	2,00,93,280.00		2,00,93,280.00	
		3,09,82,166.00		8,25,31,421.00
3. <u>Income Accrued:</u>				
a) On Investments from Earmarked/Endowment Funds				
b) On Investments-Others				
c) On Deposit with Bank				
d) On Rent from Bank				
4. <u>Claims Receivable</u>				
TOTAL (B)		3,09,82,166.00		8,25,31,421.00
TOTAL (A+B)		2,20,28,48,434.47		1,66,78,47,350.89

For and on behalf of All India Institute of Medical Sciences, Bhubaneswar


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**ALL INDIA INSTITUTE OF MEDICAL SCIENCES, BHUBANESWAR
SIJUA, PATRAPARA, BHUBANESWAR-751019**

DETAILS OF ANNEXURE-A TO SCHEDULE 11: ADVANCE TO OTHER PARTIES

NAME OF THE PARTIES	Current Year (2021-22)	Previous Year (2020-21)
	(In Rs.)	(In Rs.)
Advance to CPWD		
a) Executive Engineer BCD-II CPWD, BBSR	-	28,07,842.00
Advance to State PH Division		
b) E E P.H Division-iii	32,124.00	32,124.00
(for water line pipe connection)		
c) Govt of Odisha - for Conversion of Land	-	1,06,60,980.00
TOTAL	32,124.00	1,35,00,946.00

DETAILS OF ANNEXURE-B TO SCHEDULE 11: ADVANCE TO EMPLOYEES

NAME OF THE PARTIES	Current Year (2021-22)	Previous Year (2020-21)
	(In Rs.)	(In Rs.)
1 Dept of Dean Examination	30,853.00	
2 Dr.Pravas Ranjan Mishra	(2.00)	(2.00)
3 Dr.Prabeer Chandra Mohanty	42,300.00	42,300.00
4 Subasish Jena		10,000.00
5 Dept of ENT	2,250.00	
6 Dept of FMT	2,400.00	
7 Dept. of Opthanology	4,500.00	
8 Dr.Mukunda Chandra Sahoo		60,000.00
9 Dr Sunil Kumar Rout		1,00,000.00
10 Dr. Arvind Singh		40,000.00
11 Dr. Binod Kumar Behera		6,000.00
12 Dept. of pathology	7,025.00	
13 Dept. of Pharmacology	2,358.00	
14 Dr Kanhaiyalal Agrawal	15,000.00	
15 Shyam Prasad	-	7,000.00
16 Dr Sachidananda Mohanty		15,000.00
17 Tanmay Kumar Nayak	20,000.00	
18 Jayanta Kumar Biswal-TTA		1,15,000.00
19 Sankalap Kumar Mohanty		17,000.00
20 Pradeep Kumar Ray	1,37,600.00	
21 Sanction of LTC Advance	2,68,666.00	21,07,666.00
22 Dr Sidharth Sathia	10,000.00	
23 Bikky Kumar Sahw	2,700.00	
24 Dept. of CM & FM	36,000.00	
25 Bibhuti Bhusan Das	22,500.00	45,329.00
26 Narayan Nanda		1,000.00
27 Prasanta Kumar Sahoo- internal Resources	-	6,100.00
28 Dr Manisha Kar	3,90,000.00	
29 Dr Manoj Kumar Mohanty(Prof.)	9,000.00	
30 Dr Priyamadhava Behera	27,000.00	
31 Dr Subrata Kumar Sahoo	4,20,000.00	
32 HOD of Microbiology	7,200.00	
33 Krishna Kumar Kapsce	7,000.00	
34 Mr Pramod Kumar Sahoo	1,73,000.00	
35 Amit Ghosh IOH A/C	1,07,880.00	
Imprest Advance		
1 Dept. of Burn Plastic	5,000.00	
2 Dept. of Cardiology	5,000.00	
3 Dept. of CTVS	5,000.00	

Contd...

Mukesh Singh

DETAILS OF ANNEXURE-B TO SCHEDULE 11: ADVANCE TO EMPLOYEES

4 Dept. of ENT	5,000.00	
5 Dept. of FM & T	5,000.00	
6 Dept. of Medical Records	5,000.00	
7 Dept. of MS	19,957.00	
8 Dept. of Neonatology	4,500.00	
9 Dept. of Obstetrics & Gynecology	5,000.00	
10 Dept of Central Pharmacy	1,750.00	
11 Hospital Administrative	(27.00)	
12 Hospital Administrative- Kayakalapa	1,40,000.00	
TOTAL	19,46,410.00	25,72,393.00

DETAILS OF ANNEXURE-C TO SCHEDULE 11: ADVANCE TO OTHER PARTIES

NAME OF THE PARTIES	Current Year (2021-22)	Previous Year (2020-21)
	(In Rs.)	(In Rs.)
1 Admission Fees receivable from Students - AIIMS Patna	5,856.00	5,856.00
2 HLL Infratech Private Limited	8,48,205.00	3,00,00,000.00
3 NESCO	80,20,891.00	80,20,891.00
4 Siemens Healthcare private limited		83,27,555.00
5 BARC	22,300.00	
6 Ultratech Laboratories Pvt Ltd	2,600.00	
7 Ozone Research and application Pvt Ltd	10,500.00	10,500.00
TOTAL	89,10,352.00	4,63,64,802.00

DETAILS OF ANNEXURE-D TO SCHEDULE 11: SECURITY DEPOSIT

NAME OF THE PARTIES	Current Year (2021-22)	Previous Year (2020-21)
	(In Rs.)	(In Rs.)
1 CESU - Security Deposit	1,96,88,280.00	1,96,88,280.00
2 Security Deposit with NIFT	1,25,000.00	1,25,000.00
3 Ananda Industrial Gases	2,80,000.00	2,80,000.00
TOTAL	2,00,93,280.00	2,00,93,280.00

For and on behalf of All India Institute of Medical Sciences, Bhubaneswar



Financial Advisor



Director

**ALL INDIA INSTITUTE OF MEDICAL SCIENCES, BHUBANESWAR
SIJUA, PATRAPARA, BHUBANESWAR-751019**

DETAILS OF SCHEDULE-12: INCOME FROM SALES/SERVICE

PARTICULARS	Current Year (2021-22)	Previous Year (2020-21)
	(In Rs.)	(In Rs.)
1. <u>Income from Sales:</u>		
a) Sale of Finished Goods		
b) Sale of Raw Materials		
c) Sale of Scraps		
2. <u>Income from Services:</u>		
a) Labour and Processing Charges		
b) Professional/Consultancy Services		
c) Agency Commission and Brokerage		
d) Maintenance Services (Equipment/Property)		
e) Others (Specify)		
<u>TOTAL</u>	-	-

For and on behalf of All India Institute of Medical Sciences, Bhubaneswar


Financial Advisor


Director

ALL INDIA INSTITUTE OF MEDICAL SCIENCES, BHUBANESWAR
SIJUA, PATRAPARA, BHUBANESWAR-751019

DETAILS OF SCHEDULE-13: GRANTS/SUBSIDIES

PARTICULARS	Current Year (2021-22)	Previous Year (2020-21)
	(In Rs.)	(In Rs.)
(Irrevocable Grants & Subsidies Received)		
1. Central Government		
Capital Grants	95,00,00,000.00	1,05,00,00,000.00
Revenue Grants	3,90,50,00,000.00	3,58,00,00,000.00
Swachhata Action plan	2,00,00,000.00	2,00,00,000.00
Capital Grants-DDAP	1,00,000.00	6,50,000.00
Revenue Grants-DDAP	24,40,440.00	43,80,055.00
Capital Grant-PM ABHIM Grant	12,69,50,000.00	
Revenue Grant-ECRP-II-Covid-19	24,28,00,000.00	
Revenue Grant-NSS	75,000.00	
NSS- Special Grant	67,500.00	-
2. State Government (s)		
3. Government Agencies		
4. Institutions/Welfare Bodies		
5. International Organisations		
6. Others (Specify)		
a) Grant Amount received		
A K Das Associates Limited	-	1,00,000.00
Donation Received	-	20,200.00
Institutional Overhead	21,94,776.00	17,42,591.00
Rastriya Arogya Nidhi	-	1,00,00,000.00
Indraneel Biswal	-	10,000.00
Airport Authority of India	-	80,48,578.00
Amedkar Foundation	1,50,000.00	-
BSKY Grant	22,00,71,246.00	7,99,56,112.00
Clantha Research	4,57,000.00	
CMRF West Bengal	23,56,200.00	-
Jivdaya Foundation	-	4,15,888.90
National Health Mission(NHM)	-	1,22,50,000.00
Petronet LNG Foundation	-	7,00,00,000.00
Kunj Alloys Pvt Ltd	-	50,000.00
National Insurance Co Ltd	-	2,25,000.00
Oriental Botting Pvt Ltd	-	30,000.00
Poor Treatment Grant	-	10,000.00
PVC Product Private Limited	-	31,000.00
Sai Speech & Hearing Center	-	4,36,800.00
Shivam Condev Pvt Ltd	-	1,00,000.00
Siddharth Engineering Ltd	-	1,00,000.00
Siraj yush	-	5,00,000.00
Sunil Kapoor	-	5,000.00
Tushar Ranjan Meher	-	20,000.00
b) Assistant Amount received		
from CM Relief Fund	1,00,000.00	1,32,000.00
from PM National Relief Fund	87,68,000.00	91,43,304.00
Less: TDS Receivable:	(1,27,91,124.00)	(60,48,798.00)
TOTAL	5,46,87,39,038.00	4,84,23,07,730.90

For and on behalf of All India Institute of Medical Sciences, Bhubaneswar


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ALL INDIA INSTITUTE OF MEDICAL SCIENCES, BHUBANESWAR
SIJUA, PATRAPARA, BHUBANESWAR-751019

DETAILS OF SCHEDULE-13*: GRANTS/SUBSIDIES

PARTICULARS	Current Year (2021-22)	Previous Year (2020-21)
	(In Rs.)	(In Rs.)
(Irrevocable Grants & Subsidies Received)		
1. Central Government		
Revenue Grants	3,90,50,00,000.00	3,58,00,00,000.00
Swachhata Action plan	2,00,00,000.00	2,00,00,000.00
Revenue Grants-DDAP	24,40,440.00	43,80,055.00
Revenue Grant-ECRP-II-Covid-19	24,28,00,000.00	
Revenue Grant-NSS	75,000.00	
NSS- Special Grant	67,500.00	-
	-	-
2. State Government (s)		-
3. Government Agencies		
4. Institutions/Welfare Bodies		
5. International Organisations		
6. Others (Specify)		
a) Grant Amount received		
A K Das Associates Limited		1,00,000.00
Donation Recevied		20,200.00
Institutional Overhead	21,94,776.00	17,42,591.00
Rastriya Arogya Nidhi		1,00,00,000.00
Indraneel Biswal		10,000.00
Airport Authority of India		80,48,578.00
Ayushman Bharat	1,50,000.00	-
BSKY Grant	22,00,71,246.00	7,99,56,112.00
Nursing College Grant	4,57,000.00	-
Patient Treatment Grant	23,56,200.00	-
Jivdaya Foundation		4,15,888.90
National Health Mission(NHM)		1,22,50,000.00
Petronet LNG Foundation		7,00,00,000.00
Kunj Alloys Pvt Ltd		50,000.00
National Insuranc Co Ltd		2,25,000.00
Oriental Botting Pvt Ltd		30,000.00
Poor Treatment Grant		10,000.00
PVC Product Private Limited		31,000.00
Sai Speech & Hearing Center		4,36,800.00
Shivam Condev Pvt Ltd		1,00,000.00
Siddharth Engineering Ltd		1,00,000.00
Siraj yush		5,00,000.00
Sunil Kapoor		5,000.00
Tushar Ranjan Meher		20,000.00
	-	-
b) Assistant Amount received		
from CM Relief Fund	1,00,000.00	1,32,000.00
from PM National Relief Fund	87,68,000.00	91,43,304.00
	-	-
TOTAL	4,40,44,80,162.00	3,79,77,06,528.90

For and on behalf of All India Institute of Medical Sciences, Bhubaneswar


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ALL INDIA INSTITUTE OF MEDICAL SCIENCES, BHUBANESWAR
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DETAILS OF SCHEDULE-14: FEES/SUBSCRIPTIONS

PARTICULARS	Current Year (2021-22)	Previous Year (2020-21)
	(In Rs.)	(In Rs.)
1. Application Fees	15,27,480.00	9,63,669.00
2. Admission Fees (Students)	7,00,356.00	16,06,742.00
3. Examination Fees	72,955.00	73,245.00
4. Fine Collection	-	67,090.00
5. Insurance of Certificate	-	5,602.00
6. Late fees Charges	36,000.00	21,000.00
7. Library fees	53,094.00	58,085.00
8. Rechecking Fees	4,000.00	2,850.00
9. Penalty of Quitting the course during Mid-term	1,01,37,662.00	38,53,049.00
TOTAL	1,25,31,547.00	66,51,332.00

For and on behalf of All India Institute of Medical Sciences, Bhubaneswar


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**ALL INDIA INSTITUTE OF MEDICAL SCIENCES, BHUBANESWAR
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DETAILS OF SCHEDULE-14*: FEES/SUBSCRIPTIONS

PARTICULARS	Current Year (2021-22)	Previous Year (2020-21)
	(In Rs.)	(In Rs.)
1. Application Fees	15,27,480.00	9,63,669.00
2. Admission Fees (Students)	7,00,356.00	16,06,742.00
3. Examination Fees	72,955.00	73,245.00
4. Fine Collection		67,090.00
5. Insurance of Certificate	-	5,602.00
6. Late fees Charges	36,000.00	21,000.00
7. Library fees	53,094.00	58,085.00
8. Rechecking Fees	4,000.00	2,850.00
9. Penalty of Quitting the course during Mid-term	1,01,37,662.00	38,53,049.00
TOTAL	1,25,31,547.00	66,51,332.00

For and on behalf of All India Institute of Medical Sciences, Bhubaneswar


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ALL INDIA INSTITUTE OF MEDICAL SCIENCES, BHUBANESWAR
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DETAILS OF SCHEDULE-15: INCOME FROM INVESTMENTS

PARTICULARS	Investment from Earmarked Fund		Investment-Others	
	Current Year (2021-22)	Previous Year (2020-21)	Current Year (2021-22)	Previous Year (2020-21)
(Income on Investment from Earmarked/Endowment Funds transferred to Funds)				
1. Interest				
a) On Govt. Securities				
b) Other Bonds/Debentures				
c) On Fixed Deposit-up to previous year				
c) On Fixed Deposit-current year	48,120.00	52,875.00		
2. Dividends:				
a) On Shares				
b) On Mutual Fund Securities				
3. Rents				
4. Others (Specify)				
TOTAL	48,120.00	52,875.00	-	-
TRANSFERRED TO EARMARKED/ENDOWMENT FUNDS				

For and on behalf of All India Institute of Medical Sciences, Bhubaneswar


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ALL INDIA INSTITUTE OF MEDICAL SCIENCES, BHUBANESWAR
SIJUA, PATRAPARA, BHUBANESWAR-751019

DETAILS OF SCHEDULE-15*: INCOME FROM INVESTMENTS

PARTICULARS	Investment from Earmarked Fund		Investment-Others	
	Current Year (2021-22)	Previous Year (2020-21)	Current Year (2021-22)	Previous Year (2020-21)
(Income on Investment from Earmarked/Endowment Funds transferred to Funds)				
1. Interest				
a) On Govt. Securities				
b) Other Bonds/Debentures				
c) On Fixed Deposit-up to previous year				
c) On Fixed Deposit-current year				
2. Dividends:				
a) On Shares				
b) On Mutual Fund Securities				
3. Rents				
4. Others (Specify)				
TOTAL	48,120.00	52,875.00	-	-
TRANSFERRED TO EARMARKED/ENDOWMENT FUNDS				

For and on behalf of All India Institute of Medical Sciences, Bhubaneswar


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**ALL INDIA INSTITUTE OF MEDICAL SCIENCES, BHUBANESWAR
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DETAILS OF SCHEDULE-16: INCOME FROM ROYALTY, PUBLICATION ETC

PARTICULAR	Current Year (2021-22)	Previous Year (2020-21)
	(In Rs.)	(In Rs.)
1. Income from Royalty 2. Income from Publications 3. Others (specify)		
<u>TOTAL</u>	-	-

For and on behalf of All India Institute of Medical Sciences, Bhubaneswar


Financial Advisor


Director

DETAILS OF SCHEDULE-17: INTEREST EARNED AND RECEIVED

PARTICULAR	Current Year (2021-22)	Previous Year (2020-21)
	(In Rs.)	(In Rs.)
1. On Term Deposit:		
a) With Scheduled Banks	2,34,865.00	8,32,229.00
b) With Non-Scheduled Banks		
c) With Institutions		
d) Others-LC Fd	17,77,826.00	63,118.00
2. On Savings Accounts:		
a) With Scheduled Banks	33,35,795.00	-
b) With Non-Scheduled Banks		
c) With Institutions		
d) Others		
3. On Loans:		
a) Employees/Staff		
4. Auto Sweep A/c Interest	4,17,79,164.00	4,64,96,448.98
TOTAL	4,71,27,650.00	4,73,91,795.98

For and on behalf of All India Institute of Medical Sciences, Bhubaneswar


Financial Advisor

Director

**ALL INDIA INSTITUTE OF MEDICAL SCIENCES, BHUBANESWAR
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DETAILS OF SCHEDULE-17*: INTEREST EARNED

PARTICULAR	Current Year (2021-22)	Previous Year (2020-21)
	(In Rs.)	(In Rs.)
1. On Term Deposit:		
a) With Scheduled Banks	2,34,865.00	8,32,229.00
b) With Non-Scheduled Banks		
c) With Institutions		
d) Others - Auto Sweep	4,17,79,164.00	4,64,96,448.98
e) Others - LC Fixed Deposit	17,77,826.00	63,118.00
2. On Savings Accounts:		
a) With Scheduled Banks	33,35,795.00	-
b) With Non-Scheduled Banks		
c) With Institutions		
d) Others		
3. On Loans:		
a) Employees/Staff		
TOTAL	4,71,27,650.00	4,73,91,795.98

For and on behalf of All India Institute of Medical Sciences, Bhubaneswar


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ALL INDIA INSTITUTE OF MEDICAL SCIENCES, BHUBANESWAR
SIJUA, PATRAPARA, BHUBANESWAR-751019

DETAILS OF SCHEDULE-18: OTHER INCOME

		Current Year (2021-22)	Previous Year (2020-21)
	PARTICULAR	(In Rs.)	(In Rs.)
1	Tender Processing fees	-	30,000.00
2	Rent Charges:	-	-
	Rent From Auditorium	-	75,000.00
	Rent from BOI	2,70,000.00	2,70,000.00
	Rent from Guest House	7,25,950.00	4,47,800.00
	Rent from Hospital Catering Service	4,71,924.00	5,01,448.00
	Rent from Medicine store	2,58,527.00	1,40,537.00
	Rent from SBI	1,20,000.00	1,20,000.00
	Rent from Bharati Enterprises	2,31,711.00	-
	Rent from Baba Communication	51,789.00	54,000.00
	Rent received from BSNL Tower	-	-
3	OPD Collection	7,22,93,835.00	4,40,53,597.00
4	Miscellaneous Receipts/ Recovery	17,323.30	4,51,221.17
5	Licence fee for quarters	7,03,189.00	1,81,330.00
6	Interest received on Electricity Security Deposit	2,81,249.36	4,46,690.00
7	Scrap & Waste	3,72,355.00	4,86,160.00
8	Penalty	5,45,494.00	45,473.00
9	Electricity Charges Received from Employee	12,86,000.00	11,06,854.00
10	Recovery of Salary in lieu of Notice Period	52,52,127.00	59,46,999.00
11	Interest on Income Tax Refund	77,707.00	2,140.00
12	LD Charges	33,95,264.00	29,80,920.00
14	Registration Fee	1,24,000.00	11,45,105.00
15	Blood Plasma Processing Charges	19,05,200.00	15,93,353.60
16	Sale of Old News Paper	7,900.00	-
17	Absent leave of manpower	4,892.00	52,528.00
18	Dealy Response of Complain	-	88,812.00
19	Excess Credit by Bank	-	8.00
20	Extra deduction from Contractor	-	1,084.00
21	Issue of Certificate Charges	63,250.00	5,200.00
22	Kayakalpa Award Money received	22,73,000.00	2,00,00,000.00
23	Rent and Electricity Charges Received from Vendor	17,61,827.84	17,34,117.91
24	Awareness Oriented penalty Enforcement	3,000.00	-
25	Extra Wages recovery	1,279.00	-
26	RTI Fees	1,010.00	-
27	Verification Fees	1,000.00	-
28	Donation Received	78,993.02	-
29	Telephone Charges From Contractor	8,822.00	-
30	Hostel Charges	5,400.00	-
24	TDS Refundable	6,40,464.00	30,600.00
	Less: TDS receivable		(6,453.36)
TOTAL		9,32,34,482.52	8,19,84,524.32

For and on behalf of All India Institute of Medical Sciences, Bhubaneswar


Financial Advisor


Director

ALL INDIA INSTITUTE OF MEDICAL SCIENCES, BHUBANESWAR
SIJUA, PATRAPARA, BHUBANESWAR-751019

DETAILS OF SCHEDULE-18*: OTHER INCOME

		Current Year (2021-22)	Previous Year (2020-21)
	PARTICULAR	(In Rs.)	(In Rs.)
1	Tender Processing fees		30,000.00
2	Rent Charges:		-
	Rent From Auditorium		75,000.00
	Rent from BOI	3,00,000.00	3,00,000.00
	Rent from Guest House	7,25,950.00	4,47,800.00
	Rent from Hospital Catering Service	4,71,924.00	5,01,448.00
	Rent from Medicine store	2,58,527.00	1,40,537.00
	Rent from SBI	1,20,000.00	1,20,000.00
	Rent from Bharati Enterprises	2,31,711.00	-
	Rent from Baba Communication	51,789.00	
	Rent received from BSNL Tower		54,000.00
3	OPD Collection	7,22,93,835.00	4,40,53,597.00
4	Miscellaneous Receipts/ Recovery	17,323.30	4,51,221.17
5	Licence fee for quarters	7,03,189.00	1,81,330.00
6	Interest received on Electricity Security Deposit	2,81,249.36	4,46,690.00
7	Scrap & Waste	3,72,355.00	4,86,160.00
8	Penalty	5,45,494.00	45,473.00
9	Electricity Charges Received from Employee	12,86,000.00	11,06,854.00
10	Recovery of Salary in lieu of Notice Period	52,52,127.00	59,46,999.00
11	Interest on Income Tax Refund	77,707.00	2,140.00
12	LD Charges	33,95,264.00	29,80,920.00
13	Registration Fee	1,24,000.00	11,45,105.00
14	Blood Plasma Processing Charges	19,05,200.00	15,93,353.60
15	Sale of Old News Paper	7,900.00	-
16	Absent leave of manpower	4,892.00	52,528.00
17	Dealy Response of Complain		88,812.00
18	Excess Credit by Bank		8.00
19	Extra deduction from Contractor		1,084.00
20	Issue of Certificate Charges	63,250.00	5,200.00
21	Kayakalpa Award Money received	22,73,000.00	2,00,00,000.00
22	Rent and Electricity Charges Received from Vendor	17,61,827.84	17,34,117.91
23	Awareness Oriented penalty Enforcement	3,000.00	
24	Extra Wages recovery	1,279.00	
25	RTI Fees	1,010.00	
26	Verification Fees	1,000.00	
27	Donation Received	78,993.02	
28	Telephone Charges From Contractor	8,822.00	
29	Hostel Charges	5,400.00	
TOTAL		9,26,24,018.52	8,19,90,377.68

For and on behalf of All India Institute of Medical Sciences, Bhubaneswar


Financial Advisor


Director

ALL INDIA INSTITUTE OF MEDICAL SCIENCES, BHUBANESWAR
SIJUA, PATRAPARA, BHUBANESWAR-751019

DETAILS OF SCHEDULE-19: INCREASE/(DECREASE) IN STOCK OF FINISHED GOODS & WORK IN PROGRESS

PARTICULAR	Current Year (2021-22)	Previous Year (2020-21)
	(In Rs.)	(In Rs.)
1. Closing Stock		
-Finished Goods		
-Work-in-Progress		
-Disposables & Consumables	7,93,05,461.06	6,44,53,976.71
2. Less: Opening Stock		
-Finished Goods		
-Work-in-Progress		
-Disposables & Consumables		
TOTAL	7,93,05,461.06	6,44,53,976.71

For and on behalf of All India Institute of Medical Sciences, Bhubaneswar


Financial Advisor


Director

ALL INDIA INSTITUTE OF MEDICAL SCIENCES, BHUBANESWAR
SIJUA, PATRAPARA, BHUBANESWAR-751019

DETAILS OF SCHEDULE-20: ESTABLISHMENT EXPENSES

PARTICULAR	Current Year (2021-22)	Previous Year (2020-21)
	(In Rs.)	(In Rs.)
1. Salaries		
Salary of Regular Employee	68,23,69,391.00	65,75,85,290.00
Salary to Regular appointed Nursing Sister Gr-II	71,82,64,433.00	49,12,84,670.00
Salary of Dietian and other supporting staff	-	21,22,754.00
Salary of Engineer	1,10,73,434.00	90,41,444.00
Salary of Regular B tech Asst. store Keeper	3,25,44,996.00	90,65,775.00
Reimbursement of LTC	53,51,351.00	1,75,21,767.00
News Paper Bill Reimbursement	23,51,562.00	19,78,025.00
Children Education Allowances	37,98,000.00	73,66,500.00
Deputation Staff Salary	2,46,41,582.00	3,69,32,851.00
E.L- Encashment- Faculty	1,74,30,664.00	2,03,91,196.00
Transfer TA(Composition Grant)	1,64,443.00	6,86,621.00
Tutor & Instructors	4,26,70,273.00	3,15,84,527.00
Salary of junior Administrative Officer	2,76,33,510.00	2,27,19,476.00
Salary to DDAP Staff	-	43,93,981.00
Salary of Ayush	47,16,584.00	49,28,659.00
Salary of Technician	2,83,58,912.00	1,20,01,947.00
Salary of Faculty Nursing College	1,62,90,899.00	-
Salary of Nursing Officer	23,24,73,732.00	-
Salary of Project Cell employee	1,40,85,739.00	-
Salary of JR Academic	30,54,65,273.00	-
Salary of JR Non-Academic	1,40,14,570.00	-
Salary of Regular Sr	29,06,53,173.00	-
Payment to LRA to staff	2,74,93,135.00	2,39,96,932.00
Reimbursement Of Telephone Bill	28,92,083.00	24,41,830.00
Brief Case Allowances	3,76,097.00	2,67,157.00
2. Medical Treatment		
Reimbursement of Medical Bill	2,53,80,137.00	1,94,03,028.00
3. Pensionary Charges		
Leave Salary & Pensionary Contribution	51,82,515.00	26,78,028.00
NPS Employer's Contribution	22,14,74,368.00	6,37,53,819.00
Administrative Charges	676.00	3,828.00
Contribution to LS & PC	-	-
EDLI	6,045.00	34,224.00
GSLI Employers Contribution	-	-
Provident Fund Employer's Contribution	-	2,43,043.00
Service Charges of EDLI	906.00	5,135.00
Pensionary Beneficiary expenses	25,65,64,908.00	-
GPF Employee Contribution	10,99,200.04	31,59,987.04
4. Wages		
Salary & Wages for Contractual Employees	4,94,81,456.00	60,34,00,963.00
5. Prior Period Expenses	-	5,31,801.00
Change in Current Liabilities		
Professional tax payable	(3,45,750.00)	84,800.00
NPS Deduction	(2,96,09,205.00)	(1,43,95,971.00)
CPF & EPF Contributions	-	10,57,289.00
E H S Contributions	(1,05,90,708.00)	(1,12,74,982.00)
Licence Fees/ LIC/ CGHS/GIS/GSLI	(5,965.00)	(4,60,390.00)
Leave Salary Fund	(19,32,844.00)	(2,42,710.00)
Misc. Recovery/Electricity/ PF Recovery	1,62,159.00	(41,37,807.00)
GPF Fund	-	-
Pension Fund	(4,99,516.00)	(13,65,986.00)
Salary Payable to Regular Staff	(4,76,52,414.70)	(1,41,36,260.30)
Remuneration Payable	14,92,066.00	(14,41,721.00)
GPF Employee's Contribution	5,34,765.00	(27,53,922.00)
General Purpose Advance	-	-
House Building Advance	(1,27,523.00)	1,02,684.00
Motor Cycle Advance	18,000.00	(1,290.00)
GPF Employer Contribution Payable	(5,82,009.04)	(2,67,987.04)
Recovery of Air ticket	-	(28,050.00)
Salary Recovery	2,01,147.00	(14,93,039.00)
Other Staff related Deduction	(2,32,134.00)	(1,04,077.00)
Medical Claim Payable	(4,59,877.00)	(1,49,419.00)
TDS payable	(2,06,53,519.00)	-
LTC Payable	(4,12,520.00)	-
DCRG	(11,80,380.00)	-
Committed Pension	(81,90,165.00)	-
Pensionary Beneficiary expenses payable	(25,65,64,908.00)	-
Children Educational Allowance	(27,000.00)	-
LRA Payable	(1,17,62,384.00)	81,95,622.00
TOTAL	2,67,58,83,362.30	2,00,75,12,041.70

For and on behalf of All India Institute of Medical Sciences, Bhubaneswar


Financial Advisor


Director

ALL INDIA INSTITUTE OF MEDICAL SCIENCES, BHUBANESWAR
SIJUA, PATRAPARA, BHUBANESWAR-751019

DETAILS OF SCHEDULE-20*: ESTABLISHMENT OF EXPENSES

PARTICULAR	Current Year (2021 22)	Previous Year (2020-21)
	(In Rs.)	(In Rs.)
1. Salaries		
Salary of Regular Employee	68,23,69,391.00	65,75,85,290.00
Salary to Regular appointed Nursing Sister Gr-II	71,82,64,433.00	49,12,84,670.00
Salary of Dietian and other supporting staff		21,22,754.00
Salary of Engineer	1,10,73,434.00	98,41,444.00
Salary of Regular B tech Asst. store Keeper	3,25,44,996.00	90,65,775.00
Reimburshment of LTC	53,51,351.00	1,75,21,767.00
News Paper Bill Riemburshment	23,51,562.00	19,78,025.00
Children Education Allowances	37,98,000.00	73,66,500.00
Deputation Staff Salary	2,46,41,582.00	3,69,32,851.00
E.L- Encashment- Faculty	1,74,30,664.00	2,03,91,196.00
Tranfer TA(Composition Grant)	1,64,443.00	6,86,621.00
Tutor & Instructors	4,26,70,273.00	3,15,84,527.00
Salary of junior Administrative Officer	2,76,33,510.00	2,27,19,476.00
Salary to DDAP Staff		43,93,981.00
Salary of Ayush	47,16,584.00	49,28,659.00
Salary of Technician	2,83,58,912.00	1,20,01,947.00
Salary of Faculty Nursing College	1,62,90,899.00	
Salary of Nursing Officer	23,24,73,732.00	
Salary of Project Cell employee	1,40,85,739.00	
Salary of JR Academic	30,54,65,273.00	
Salary of JR Non-Academic	1,40,14,570.00	
Salary of Regular Sr	29,06,53,173.00	
Payment to LRA to staff	2,74,93,135.00	2,39,96,932.00
Reimbursement Of Telephone Bill	28,92,083.00	24,41,830.00
Brief Case Allowances	3,76,097.00	2,67,157.00
2. Medical Treatment		
Reimbursement of Medical Bill	2,53,80,137.00	1,94,03,028.00
3. Pensionary Charges		
Leave Salary & Pensionary Contribution	51,82,515.00	26,78,028.00
NPS Employer's Contribution	22,14,74,368.00	6,37,53,819.00
Administrative Charges	676.00	3,828.00
Contribution to LS & PC		-
EDLI	6,045.00	34,224.00
GSLI Employers Contibution		-
Provident Fund Employer's Contribution		2,43,043.00
Service Charges of EDLI	906.00	5,135.00
Pensionary Benificary expenses	25,65,64,908.00	-
GPF Employee Contribution	10,99,200.04	31,59,987.04
4. Wages		
Salary & Wages for Contractual Employees	4,94,81,456.00	60,34,00,963.00
5. Prior Period Expenses		5,31,801.00
TOTAL	3,06,43,04,047.04	2,05,03,25,258.04

For and on behalf of All India Institute of Medical Sciences, Bhubaneswar


Financial Advisor


Director

ALL INDIA INSTITUTE OF MEDICAL SCIENCES, BHUBANESWAR
SIJUA, PATRAPARA, BHUBANESWAR-751019

DETAILS OF SCHEDULE-21: ADMINISTRATIVE EXPENSES ETC.

Sl No	PARTICULAR	Current Year (2021-22)	Current Year (2021-22)	Previous Year (2020-21)
		(In Rs.)	(In Rs.)	(In Rs.)
1	Professional charges		-	-
	Legal expenses		37,82,387.00	12,10,177.00
	Professional charges		9,13,025.00	5,30,880.00
2	Office expenses		-	-
	Hiring of Vehicle		1,42,40,849.00	96,04,653.00
	Miscellaneous Expenses		16,71,220.00	14,61,024.00
	Payment towards Electricity Charges		13,32,28,159.36	12,40,74,517.00
	Payment towards Postage Bills		1,81,455.00	1,80,539.00
	Printing & Stationary		62,48,070.00	44,57,857.00
	Telephone & Internet Charges		32,30,003.00	38,79,985.00
	Water Charges		42,57,661.00	84,21,254.00
	Digital Hospital Expenses		-	6,48,213.00
	Web Site Design Charges		-	5,10,406.00
	Other Office Expenses		50,67,007.00	8,96,838.00
	SMS Service Charges		-	9,216.00
	Conveyance Allowance		11,43,586.00	47,18,778.30
	Cable TV Recharge		1,67,97,016.00	-
	Rent and Electricity charges of Tangi		3,73,568.00	3,15,411.00
3	Minor Work		-	-
	Repair Work in Departments		7,21,37,747.94	8,92,14,131.06
4	Domestic Travelling Expenses		-	-
	Payment of Tour TA/DA to staff		53,39,624.00	21,53,024.00
5	Foreign Travelling Expenses		-	-
	Payment of Tour TA/DA to staff		-	-
6	Advertising & Publicity		-	-
	Advertisement & Press Conference Expenses		1,37,60,405.00	1,40,59,502.00
7	Other Administrative expenses		-	-
	Misc Administrative Expenses		1,54,61,826.00	70,14,707.00
	Special Programme and Meeting expenses		1,40,519.00	7,12,919.00
	Stipend to Nursing Student		88,47,752.00	83,19,488.00
	Examination Expenses		8,96,537.00	77,491.00
	Stipend to MBBS Student		3,49,15,886.00	2,76,50,230.00
	Bank Charges & Commission		1,06,447.34	60,188.08
	Recruitment Expenses		2,66,790.00	-
	Celebration		8,64,392.00	12,191.00
	Intramural Research Expenses		9,69,867.00	9,51,140.00
	Scholarship Fees BSC Nursing Student		-	18,990.00
	GST Expenses		2,75,156.00	1,07,817.00
	Student Welfare Expenses		5,20,544.00	4,69,699.00
	Late Fees Paid on GST		-	1,533.00
	Remuneration		70,02,118.00	54,18,035.00
	Debit Card Charges		2,15,286.76	64,650.04
	LC Charges		-	7,41,952.49
	Book Binding Fees		1,500.00	-
8	Other Contractual expenses			

Mukesh Tripathi

SI No	PARTICULAR	Current Year (2021-22)	Current Year (2021-22)	Previous Year (2020-21)
		(In Rs.)	(In Rs.)	(In Rs.)
	Payment to Outsourced staff		30,21,42,924.00	30,94,09,691.00
	Payment to Security Service Agency		8,81,30,315.00	8,15,99,300.00
	Payment to Hospital Catering Service Agency		4,48,17,778.00	3,02,22,946.00
	Payment to Laundry Service Agency		1,19,68,844.00	1,08,34,074.00
	Payment to Bio-Medical Waste Management Service		55,65,840.00	54,51,019.00
	Payment to Cleaning & House Keeping Service Agency		14,27,96,820.00	12,33,96,126.00
	Payment to Hospital Information Service Agency		1,04,08,903.00	1,30,00,625.00
9	Publications			-
	Printing & Publication of Journal / Report / Magazine		11,038.00	-
10	Supplies & Materials			-
	Fuel & Lubricants for Ambulance & DG Set		24,52,612.00	17,25,234.00
	Hospital Linen		59,39,547.00	61,12,551.00
	Hospital Linen-Internal Resources A/c		-	-
	Medical Gas including LPG Expenses		1,35,17,203.00	72,04,285.00
	Payment for Blood & Plasma etc.		5,15,849.00	4,34,397.00
	Procurment of Chemical & Reagents		5,15,57,164.00	5,40,00,835.00
	Procurment of Disposables & Consumables		29,64,21,653.00	23,96,01,544.00
	Procurment of Drugs,		13,99,74,607.00	7,87,49,650.00
	Plastic & Rubberised Material		29,400.00	6,22,454.00
11	Other Expenses			-
	Kaya kalpa Expenses		1,13,55,502.00	2,18,60,394.00
	RAN Expenditure		1,77,245.00	-
	Poor Pateint Treatment Expenses		9,95,547.00	4,16,197.00
	RBSK Expenditure		23,51,841.00	3,94,079.00
	Ayushman Bharat Patient Expense		-	1,86,139.00
	DDAP Expenses		29,35,327.00	8,33,479.00
	BSKY Patient Treatment Expenses		19,09,65,517.00	-
	ECRP-II Covid -19 Expenditure		7,55,84,999.00	-
	NSS Grant Expenses		10,220.00	-
12	Prior Period Expenses		2,87,67,812.00	42,44,658.00
	Change in Current Laibilities		(10,45,88,205.94)	-
	Sundry Creditors	(9,88,02,324.94)		2,05,26,815.94
	TDS-Income Tax Payable			(26,502.00)
	TDS on GST Payable	13,33,669.00		(44,007.00)
	Stale Chaque	(7,22,449.00)		
	DDAP Expenses Payable	(12,57,956.00)		
	EPF Payable Golden	(7,95,891.00)		
	Uniform allowance security	(33,15,891.00)		
	Stipend Payable	(10,27,363.00)		(1,75,250.00)
	TOTAL		1,67,76,62,705.46	1,32,85,48,169.91

For and on behalf of All India Institute of Medical Sciences, Bhubaneswar


 Financial Advisor


 Director

ALL INDIA INSTITUTE OF MEDICAL SCIENCES, BHUBANESWAR
SIJUA, PATRAPARA, BHUBANESWAR-751019

DETAILS OF SCHEDULE-21*: ADMINISTRATIVE EXPENSES ETC.

Sl No	PARTICULAR	Current Year (2021-22)	Current Year (2021- 22)	Previous Year (2020-21)
		(In Rs.)	(In Rs.)	(In Rs.)
1	Professional charges			
	Legal expenses		37,82,387.00	12,10,177.00
	Professional charges		9,13,025.00	5,30,880.00
2	Office expenses			
	Hiring of Vehicle		1,42,40,849.00	96,04,653.00
	Miscellaneous Expenses		16,71,220.00	14,61,024.00
	Payment towards Electricity Charges		13,32,28,159.36	12,40,74,517.00
	Payment towards Postage Bills		1,81,455.00	1,80,539.00
	Printing & Stationary		62,48,070.00	44,57,857.00
	Telephone & Internet Charges		32,30,003.00	38,79,985.00
	Water Charges		42,57,661.00	84,21,254.00
	Digital Hospital Expenses			6,48,213.00
	Web Site Design Charges			5,10,406.00
	Other Office Expenses		50,67,007.00	8,96,838.00
	SMS Service Charges			9,216.00
	Conveyance Allowance		11,43,586.00	47,18,778.30
	Solar Charges		1,67,97,016.00	-
	Rent and Electricity charges of Tangi		3,73,568.00	3,15,411.00
3	Minor Work			
	Repair Work in Various Departments		7,21,37,747.94	8,92,14,131.06
	Repair Work in Various Departments-Internal Resources A/c			
4	Domestic Travelling Expenses			
	Payment of Tour TA/DA to staff		53,39,624.00	21,53,024.00
5	Foreign Travelling Expenses			
	Payment of Tour TA/DA to staff		-	-
6	Advertising & Publicity			
	Advertisement & Press Conference Expenses		1,37,60,405.00	1,40,59,502.00
7	Other Administrative expenses			
	Misc Administrative Expenses		1,54,61,826.00	70,14,707.00
	Special Programme and Meeting expenses		1,40,519.00	7,12,919.00
	Stipend to Nursing Student		88,47,752.00	83,19,488.00
	Examination Expenses		8,96,537.00	77,491.00
	Stipend to MBBS Student		3,49,15,886.00	2,76,50,230.00
	Bank Charges & Commission		1,06,447.34	60,188.08
	Recruitment Expenses		2,66,790.00	-
	Celebration		8,64,392.00	12,191.00
	Intramural Research Expenses		9,69,867.00	9,51,140.00
	Scholarship Fees BSC Nursing Student			18,990.00
	GST Expenses		2,75,156.00	1,07,817.00
	Student Welfare Expenses		5,20,544.00	4,69,699.00
	Late Fees Paid on GST			1,533.00
	Remuneration		70,02,118.00	54,18,035.00
	Debit Card Charges		2,15,286.76	64,650.04
	LC Charges			7,41,952.49
	Book Binding Fees		1,500.00	
8	Other Contractual expenses			
	Payment to Outsourced staff		30,21,42,924.00	30,94,09,691.00
	Payment to Security Service Agency		8,81,30,315.00	8,15,99,300.00
	Payment to Hospital Catering Service Agency		4,48,17,778.00	3,02,22,946.00
	Payment to Laundry Service Agency		1,19,68,844.00	1,08,34,074.00
	Payment to Bio-Medical Waste Management Service		55,65,840.00	54,51,019.00

SI No	PARTICULAR	Current Year (2021-22)	Current Year (2021-22)	Previous Year (2020-21)
		(In Rs.)	(In Rs.)	(In Rs.)
	Payment to Cleaning & House Keeping Service Agency		14,27,96,820.00	12,33,96,126.00
	Payment to Hospital Information Service Agency		1,04,08,903.00	1,30,00,625.00
9	Publications			
	Printing & Publication of Journal / Report / Magazine		11,038.00	-
10	Supplies & Materials			
	Fuel & Lubricants for Ambulance & DG Set		24,52,612.00	17,25,234.00
	Hospital Linen		59,39,547.00	61,12,551.00
	Hospital Linen-Internal Resources A/c			-
	Medical Gas including LPG Expenses		1,35,17,203.00	72,04,285.00
	Payment for Blood & Plasma etc.		5,15,849.00	4,34,397.00
	Procurment of Chemical & Reagents		5,15,57,164.00	5,40,00,835.00
	Procurment of Disposables & Consumables		29,64,21,653.00	23,96,01,544.00
	Procurment of Drugs,		13,99,74,607.00	7,87,49,650.00
	Plastic & Rubberised Material		29,400.00	6,22,454.00
11	Other Expenses			
	Kaya kalpa Expenses		1,13,55,502.00	2,18,60,394.00
	RAN Expenditure		1,77,245.00	-
	Poor Pateint Treatment Expenses		9,95,547.00	4,16,197.00
	RBSK Expenditure		23,51,841.00	3,94,079.00
	Ayushman Bharat Patient Expense			1,86,139.00
	DDAP Expenses		29,35,327.00	8,33,479.00
	BSKY Patient Treatment Expenses		19,09,65,517.00	
	ECRP-II Covid -19 Expenditure		7,55,84,999.00	
	NSS Grant Expenses		10,220.00	-
12	Prior Period Expenses		2,87,67,812.00	42,44,658.00
	TOTAL		1,78,22,50,911.40	1,30,82,67,112.97

For and on behalf of All India Institute of Medical Sciences, Bhubaneswar


 Financial Advisor


 Director

ALL INDIA INSTITUTE OF MEDICAL SCIENCES, BHUBANESWAR
SIJUA, PATRAPARA, BHUBANESWAR-751019

DETAILS OF SCHEDULE-22: EXPENDITURE ON GRANTS, SUBSIDIES ETC.

PARTICULAR	Current Year (2021-22)	Previous Year (2020-21)
	(In Rs.)	(In Rs.)
1. Grants given to Institutions/Organisations		
Airport Authority of India	80,96,305.00	-
Institutional Overhead	72,325.00	
NTPC Grant	7,57,00,000.00	-
Rastriya Arogya Nidhi	-	74,939.00
Other Grant -Patient Treatment	13,91,400.00	-
Special Grant	67,500.00	-
Jivdaya Foundation -Anaesthesia	2,18,071.99	2,38,940.00
Contain Co-operative Bank Ltd	-	21,204.00
Petronet LNG Foundation	-	9,96,920.00
President Descretionary Grant	-	24,988.00
PVC Product Private Limited	-	31,000.00
West Bengal Welfare Fund	-	33,328.00
Yuvraj Singh Foundation	-	3,70,000.00
BSKY Grant	-	5,21,85,887.00
b) Assistant Amount received	-	-
from CM Relief Fund	-	19,209.00
from PM National Relief Fund	53,63,551.52	38,98,228.00
2. Assistant Grant Given To Institution/Organisation		-
3. Subsidies given to Institutions/Organisations		
TOTAL	9,09,09,153.51	5,78,94,643.00

For and on behalf of All India Institute of Medical Sciences, Bhubaneswar


Financial Advisor


Director

**ALL INDIA INSTITUTE OF MEDICAL SCIENCES, BHUBANESWAR
SIJUA, PATRAPARA, BHUBANESWAR-751019**

DETAILS OF SCHEDULE-22*: EXPENDITURE ON GRANTS, SUBSIDIES ETC.

PARTICULAR	Current Year (2021-22)	Previous Year (2020-21)
	(In Rs.)	(In Rs.)
1. Grants given to Institutions/Organisations		
Airport Authority of India	80,96,305.00	-
Institutional Overhead	72,325.00	-
NTPC Grant	7,57,00,000.00	-
Rastriya Arogya Nidhi		74,939.00
Other Grant -Patient Treatment	13,91,400.00	-
Special Grant	67,500.00	-
Jivdaya Foundation -Anaesthesia	2,18,071.99	2,38,940.00
Contain Co-operative Bank Ltd		21,204.00
Petronet LNG Foundation		9,96,920.00
President Descretionary Grant		24,988.00
PVC Product Private Limited		31,000.00
West Bengal Welfare Fund		33,328.00
Yuvraj Singh Foundation		3,70,000.00
BSKY Grant		5,21,85,887.00
b) Assistant Amount received		
from CM Relief Fund		19,209.00
from PM National Relief Fund	53,63,551.52	38,98,228.00
2. Assistant Grant Given To Institution/Organisation		-
3. Subsidies given to Institutions/Organisations		
TOTAL	9,09,09,153.51	5,78,94,643.00

For and on behalf of All India Institute of Medical Sciences, Bhubaneswar


Financial Advisor


Director

**ALL INDIA INSTITUTE OF MEDICAL SCIENCES, BHUBANESWAR
SIJUA, PATRAPARA, BHUBANESWAR-751019**

DETAILS OF SCHEDULE-23: INTEREST.

PARTICULAR	Current Year (2021-22)	Previous Year (2020-21)
	(In Rs.)	(In Rs.)
a) On Fixed Loan	-	-
b) On Other Loans (including Bank Charges)	-	-
c) Others (Specify)	-	-
<u>TOTAL</u>	-	-

For and on behalf of All India Institute of Medical Sciences, Bhubaneswar


Financial Advisor


Director

ALL INDIA INSTITUTE OF MEDICAL SCIENCES, BHUBANESWAR**A. SIGNIFICANT ACCOUNTING POLICIES****SCHEDULE-24****1. Accounting Convention**

The financial statements of the entity have been prepared on the basis of historical cost convention, and in accordance with the accounting standards and by adopting on accrual basis of accounting.

2. Fixed Assets

Fixed Assets are stated at cost inclusive of freight, duties, taxes and other incidental and direct expenses incurred in connection with the acquisition of assets. Fixed Assets are capitalised with the value of acquisition cost.

E-journals which are included in the library books are treated as capital assets in view of limited benefit that could be derived from the access given on-line in respect of journals subscribed under this head. Though the assets acquired from E-journal subscription are not in a tangible form, it is considered necessary to capitalize it in view of the magnitude of expenditure and the benefit derived in terms of perpetual knowledge acquired by the faculty and students besides availability of the data in the form of DVD/CD for future reference.

3. Depreciation

Depreciation for the financial year 2021-22 has been provided on W.D.V method at the prevailing rates to the concerned Fixed Assets as specified in the Income Tax Act, 1961. In respect of addition of fixed assets during the year, depreciation was considered on pro-rata basis. Details of the depreciation on Fixed Assets is at Schedule -08 is an integral part of the financial statement.

4. Revenue Recognition

Revenue includes fees collected from students, OPD & IPD Collection and incomes has been recognised on cash basis. Only income from Bank deposits has been considered on accrual basis.

5. Government Grant/subsidies

The Central Government grants-in-aid accounted on realization basis.

6. Stores

Stocks of stores, spare parts, laboratory chemicals, glassware, consumables, and other inventory items present at the Central Stores are valued at cost price.

7. Previous year's figures have been rearranged and regrouped wherever felt necessary.

For and on behalf of All India Institute of Medical Sciences, Bhubaneswar


Financial Advisor


Director

ALL INDIA INSTITUTE OF MEDICAL SCIENCES BHUBANESWAR**B. CONTINGENT LIABILITIES AND NOTES ON ACCOUNTS****SCHEDULE-25****1. Contingent Liabilities**

NIFT, Bhubaneswar is having a claim of Rs.7,74,135/- against the Institute towards Hostel and Mess Charges of AIIMS Students which is not acknowledge as debt by AIIMS, Bhubaneswar. Further a security deposit of Rs.1,25,000/- is also lying with NIFT Bhubaneswar. The Institute is of the opinion that the same would not be paid, so it is not shown as liability in the accounts.

2. Capital Commitments

The estimated value of the capital commitments at the end of the financial year is NIL.

3. Current assets, loans and advances

In the opinion of the Management, current assets, loans and advances have been shown on realization value which is equal to the figure shown in the financial statements.

4. Fixed Assets

Land & Building to be capitalised in the Accounts of PMSSY Project. Hence it is not reflected in our Accounts.

(i) The Lease Hold Land measuring 92.107 Acres (At Vill- Sijua Acres 75.232, at Vill- Ransinghpur Acres- 1.200 & at Vill- Suango Acres- 15.675) is given by Govt of Odisha for 99 years. A token premium of Rs.2/- is deposited for the same and the lease deed is executed on 24.10.2013. So the same is reflected under the Lease Hold Land under Fixed Assets Schedule.

(ii) An area of 25 Acres of Leasehold Land as detailed below has been given by Govt of Odisha at Balasore for establishment of AIIMS Bhubaneswar Satellite Centre

<u>ROR No</u>	<u>Mouza</u>	<u>Area (Acres)</u>
292	Bampada	12.910
272	Shamalpur	<u>12.090</u>
		<u>25.000</u>

(iii) An area of 10.58 H.a. of Revenue Forest Land in Village Sijua under Tahasil Khurda has been diverted by the Govt of Odisha in favour of AIIMS Bhubaneswar for setting up of Centre of Excellence. A total amount of Rs. 1.07 crores has been paid to State Government (ORISSA-CAMPA). On 28.01.2022 the land was handed over to AIIMS Bhubaneswar by the order of Collector, Khordha.

5. Investment

The Institute has earmarked Rs.14.50 lakhs received for giving awards to Students in a separate fund. The amount of Rs. 7.00 lakhs is kept in bank as a fixed deposit and Rs. 7.50 is kept in separate bank

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account. Further auto sweep option has been activated in all the bank accounts maintained with Bank of India to earn higher returns as interest for temporary parking of fund in the institutes bank account.

ALL INDIA INSTITUTE OF MEDICAL SCIENCES BHUBANESWAR

6. Retirement Benefits

The institute provides and pays contribution for CPF and NPS to Officers on deputation and provides and also pays NPS contribution to other Regular Staff. That apart, for the employees who are taken under AIIMS Bhubaneswar Pension Scheme and eligible for Pensionary benefits as per the Old Pension Scheme of Govt. of India, the institute has made provision in the Accounts basing upon Actuarial Valuation Report.

7. Taxation

No provision for Income Tax has been considered necessary in view of there being no taxable income of the Institution under Income Tax Act, 1961. Further, the institute has obtained registration as charitable institution under income tax act u/s 12AA

8. Extramural Research Grants and Fees

The Institute has opened two separate bank account (one current account and one savings account) with Bank of India AIIMS branch for maintaining its funds received from various organisation for scientific research purposes. Upto 2015-16 all the grant received is kept under the Schedule-13 – Grants/ Subsidies and the expenses are debited to the same account. If at the end of the year any surplus is left then the same is included in the Income & Expenditure account and is transferred to the Corpus Fund. But from 2016-2017, the institution has kept all the funds in separate bank account and the unspent balance in the Scientific research head is kept under Schedule – 7 Current Liabilities and Provisions.

SI No	Name of Project	Amount
1	Research Project in collaboration with AIIMS Bibinagar (P.I - Dr.B.K. Patro)	15000.00
2	AIIMS New Delhi Verbal Autopsy (P.I - Dr.B.K. Patro)	862950.00
3	A Multi Centric Novel Coronavirus (COVID-19- P.I Dr. A. K Singh)	295249.00
4	An Intergenerational Nutritional Supplementation (P.I. Dr. B Rammdas)	644174.00
5	Artificial Intelligence.....to Chemotherapy (P.I Dr. A. Srinivasan)	1987704.00
6	Assessment of the Availability Price-ICMR (P.I Dr. B.R Meher)	1967750.00
7	A Study on Detection of Fusobacterium Necrophorum (P.I Dr. Srujana Mohanty)	676020.00
8	BIRAC, TRC for Chikungunia Virus. (P.I Dr. Baijayantimala Mishra)	59153.00

Mukesh Tripathi

9	Brain Bank Network (PI Dr. Suvendu Purkait)	4457962.00
10	CANKIDS Capacity Building in Paediatric (P.I Dr. Sonali Mohapatra)	69625.00
11	Cartilage Turnover and Changes. ICMR (P.I Dr. A. Burman)	442496.00
12	C-DAC-Med SIM2.0 Online Skills (P.I Dr. Priyadarshini Mishra, Dept of Physiology)	3112000.00
13	Characterisation of Cancer SERB (P.I Dr. Mukund Sable)	1069376.00
14	Clinopsys Clinical Research (P.I Dr. Tusar S Mishra)	33300.00
15	CMC Ludhiana – Penguin Trial (P.I Dr. M Kar)	250000.00
16	Coconut Development Board-Clinical Trial (P.I Dr. R. Maiti)	22854.00
17	Coconut Development Board-Pre-Malignant Lesion (P.I Dr. A Ghosh)	206896.00
18	WASH- Schools & Anganwadi, Collector Office Jajpur (P.I Dr. B.K Behera)	1536674.00
19	Comparative Efficacy of Antidepressant Augmentation (P.I Dr. B.R Mishra)	257500.00
20	DBT JRF Stipend (PI Dr Baijayantimala Mishra)	61000.00
21	Detection of New Psychoactive Substance Among (P.I Dr. S. Padhi)	178000.00
22	Determination of Pattern of Functional Biochemical (P.I Dr S C Samal)	1315264.00
23	Determinants of Excess Alpha Globin Chain (P.I Dr. A Ghosh)	658215.00
24	Development and Evaluation of A Recombinase Polymer (P.I Dr. Bijayani Behera)	1879727.00
25	Development of Point of Care Rapid (P.I Dr. A Srinivasan)	3148000.00
26	Developing A Biomarker Based Prediction Tool (P.I Dr. Suchitra Kumari)	196188.00
27	DHR, ICMR-VDRL (P.I Dr. Baijayantimala Mishra)	25244048.00
28	Diagnostic Utility of TC-99m PSMAII. ICMR (P.I Dr K. Agarwal)	550169.00
29	Differential Gene Expression in Follicular (P.I Dr. M Sable)	1238816.00
30	Dose Evaluation Population-A Randomized Study (P.I Dr. D. Hota)	878120.00
31	DST-Effect of Nano Biome of Nasal Microbiome (P.I Dr. S Sarkar)	350065.00
32	DST Investigating- (P.I Dr Kalapana Bharwal)	127933.00
33	DST, Sudarshana Kriya Yoga (P.I Smt Dharitri Swain)	47759.00

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34	Effect of Dietary Resistant Starch Intervention (P.I Dr. B Rammdas)	102852.36
35	Effect of Pre- Conceptional Multiple Micronutrient (P.I Dr. R.R Das)	361511.00
36	Elucidation Mapping – (P.I Dr Pravas Ranjan Mishra)	348044.00
37	Establishment of the Indian Stroke Clinical (P.I Dr S. K Bhoi)	84477.00
38	Exploring Potential- (P.I Dr.Somnath Mukharjee)	347965.00
39	Feasibility of targeted axillary dissection by tattooing: - (P.I Dr. Mithilesh Kumar Sinha)	1668600.00
40	COVID-19 Persistence, Govt of Odisha (P.I Dr. B Rammdas)	1157613.00
41	Healthcare Access Model for Detection of Oral Cancer ICMR (P.I Dr. S Routray)	1104156.00
42	Home Based Rehabilitation...ICU Patients (P.I Dr. S Tripathy)	1459393.00
43	Hospital Based Cancer Registry (P.I Dr. S.K.D Majumdar)	55460.00
44	ICMR-Covisheild Vs Covaxin – (P.I Dr.Arvind Kumar Singh)	819889.00
45	ICMR Development & Evaluation (P.I Dr. Biswa Ranjan Mishra)	214587.00
46	Incidence of neural tube defect and its detection, (P.I Dr.Santosh Mahallick)	1229723.00
47	ICMR – Advance Molecularr Diagnosis Centre (P.I Dr.Vinay Hallur)	9380054.00
48	ICMR - Effect of Contituation (PI Dr.Satyajeet Mishra)	1004857.00
49	ICMR Factorial RCTS (P.I Dr. Suravi Patra)	452512.00
50	ICMR Heart Failure (P.I Dr. R.C Barik)	117020.00
51	ICMR - Molucular Characterization (P.I Dr. B Behera)	91023.00
52	ICMR-NCDIR-HTA of National Stroke (P.I Dr. S.K Bhoi)	408400.00
53	CDC USA (PI Dr.Bijayani Behera)	56824.81
54	ICMR Preconception Care Intervention (P.I Smt. D Swain)	391550.00
55	ICMR Protective Antibody (P.I Dr. B Dwibedi)	227921.00
56	ICMR Rubella (P.I Dr. B Dwibedi)	440914.00
57	Impact of Ferroptosis Pathway in Regulating (P.I Dr. S Purkait)	1015006.00
58	Impetus Stroke (P.I Dr. S.K Bhoi)	313944.00

Mukesh Tripathi

59	Indian Registry Intensive Care. MORU (P.I Dr. S Tripathy)	141958.00
60	Involvement of Tumor (P.I Dr. S Purkait)	10679.00
61	JIPMER-Multicentre Mucromycosis (P.I Dr. V Hallur)	38.00
62	JIPMER Pattern of Microbial Gastric Cancer (P.I Dr. B Rammadas)	20323.00
63	Jivdaya (P.I Dr. Satyajeet Mishra)	25912.00
64	Jivdaya Foundation – (P.I Dr. Sonalli Mohapatra)	70342.68
65	LSRB, Investigating the Role Among India Population (P.I Dr. K Barhawal)	232934.00
66	Mental Health Issues Among Working Women (P.I Dr. S Padhi)	720500.00
67	Mentoring of Health & Wellness Centres by Medical (P.I Dr. B.K Patro)	285358.00
68	M Health Interventions for Improvement of Compliance (P.I Dr. B.K Patro)	124216.00
69	MOHFW Advance Medical (PI Dr. Susama Patra)	9790266.00
70	MOHFW Estimation of CET for India (P.I Dr. B.K Patro)	627739.00
71	MOHFW HIV Surveillance (P.I Dr. A. K Singh)	13301118.00
72	Mutation Analysis of Congenital ...ICMR (P.I Dr. A Ghosh)	528362.00
73	National Clinical Registry of Covid-19 (P.I Dr. S Bhuniya)	2439759.00
74	National Human Right Commission (P.I Dr. S Padhi)	232449.00
75	National Tea Research Foundation (P.I Dr. A Ghosh)	115148.00
76	NCDC Viral Hepatitis Centre (P.I Dr. B. Mishra)	10260000.00
77	Network of Pulmonary (PI Dr. P.R. Mohapatra)	975796.00
78	NIV Seroepidemiology Maternal Immune (P.I Dr. B. Dwibedi)	393800.00
79	NTEP-National Tuberculosis Elimination (P.I Dr. B. Mishra)	100000.00
80	Nural Auto..Encephalitis- (P.I Dr. Bhagirathi Dwibedi)	1080418.00
81	Population Based Multi Centre Study..NHM Odisha (P.I Dr. Ashoka Mahapatra)	213293.00
82	Prevalence and Etiology of Hearing (P.I Dr. C Preetam)	623206.00
83	Rapid Assessment of Continuum (P.I Dr. Binod K Patro)	298462.00

Mukesh Tripathy

84	Secondary Prevention by Structures Semi-Interactive (P.I Dr. S K Bhoi)	165835.00
85	SERB Development Fungal Infection (P.I Dr. B. K Hallur)	633532.00
86	SERB – Low-cost early detection of oral cancer using digital infrared thermal imaging (P.I Dr. Saurav Sarkar)	321184.00
87	SERB – Investigation of clinicopathological impact of cholesterol (P.I Dr. Suvendu Purkait)	247905.00
88	SERB Role of Neddylation in Presynaptic Regulation (P.I Dr. K Barhawal)	2512600.00
89	Sickle Cell Nephropathy (PI Dr Sonali Mohapatra)	292829.00
90	Strengthening the PHCS- (P.I Dr Prajna Paramita Giri)	1230673.00
91	Study of Correlation Between Serum Osteoprotegerin (P.I Dr. K.C Behera)	135000.00
92	Study of Immunohisto Chemistry, Neurophysiology (P.I Dr. S.K Bhoi)	423801.00
93	Study on Impact of Palliative Care (P.I Dr. Asha P Setty)	1111671.00
94	Transcription Profiling for Congential... (P.I Dr. M Sable)	57267.00
95	UNICEF Aspirational District in Odisha (P.I Dr. V. Bhatia)	136115.00
96	UNICEF Public Health Nutrition (P.I Dr. S. P. Parida)	1498309.00
97	Unique Biotech, (P.I Dr. Debasish Hota)	310979.00
98	WASH Healthcare Activities in Gajapati & Kalahandi District (P.I Dr. B.K Patro)	42862.00
99	World Food Programme (P.I Dr. B.K Patro)	2339326.57
	TOTAL	130766248.42

9. Assets created out of Extramural Research Grants:

The institution has received a grant from ICMR during the year 2015-16, out of the same the following fixed assets amounting to Rs. 39,20,000/- were purchased.

- (i) One Sound-Proof Van Rs. 20.00,000/-
- (ii) Audiological Equipments Rs.19,20,000/-

The same has been adjusted from the ICMR Grant and have not been included in the Asset of the Institution. This is because, as per rule-233(i) of GFR 2017, the ownership in the physical and intellectual assets created out of Sponsor Projects/Schemes shall vest in the Sponsors and while the project or scheme is ongoing, the recipients should not treat such assets as their own assets in their book of Accounts but should disclose their holdings and using such assets in the notes to Accounts specifically.

Further, from Financial year 2016-17 onwards many assets were purchased out of the funds received from external agencies and the same were not included in the assets of the institution. The details of assets

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purchased under various research projects are given in the table attached to the notes as "Extramural Assets"

10. **Funds received from External Agencies:**

The funds received on account of various grants like Extramural Research Grant Account, Patient Treatment Fund Accounts etc. are shown in the income expenditure and receipt payment account on net basis only as the funds released for such projects in one or more instalments are not treated as Grants-in-Aid in the books of implementing agency, as embodied in Rule-233(i) of General Financial Rule-2017.

11. **Foreign Currency Transactions**

(i)	Value of Imports Calculated of C.I.F. basis	:	NIL
(ii)	Expenditure in Foreign Currency	:	NIL
(iii)	Earnings in Foreign Currency	:	NIL
(iv)	Remuneration to Auditors	:	NIL

12. Corresponding figures for the previous year has been re-grouped and re-arranged wherever found necessary.

13. GPF contribution made by employees are kept in separate account. Out of the same the institute has transferred Rs.89.90 Lakhs in Fixed deposit with Bank of India towards getting additional interest for fund kept in GPF Account. Further the fund lying in the GPF account belongs to the employees so the same has not been shown in the main accounts. The details regarding the same is given in Annexure-GPF.

14. Schedule 1 to 25 are annexed to and from an integral part of the Balance Sheet as at 31st March 2021 and Income & Expenditure for the year ended on the date.

For and on behalf of All India Institute of Medical Sciences, Bhubaneswar


Financial Advisor


Director

Extramural Assets

STATEMENT OF ASSETS PURCHASED FROM VARIOUS EXTRAMURAL RESEARCH PROJECTS									
Sl No	Name of the Project	FY-2016-17	FY-2017-18	FY-2018-19	FY-2019-20	FY-2020-21	FY-2021-22	Total	
1	ICMR, Human milk, Dr. Amit Ghosh	0.00	6,17,888.00	0.00	0.00	0.00	0.00	6,17,888.00	
2	NTRF, Dr.Amit Ghosh	0.00	9,90,316.00	3,80,169.00	0.00	23,123.00	0.00	13,93,608.00	
3	ATU, Dr.Rashmi Ranjan Das	1,20,374.00	0.00	0.00	0.00	0.00	0.00	1,20,374.00	
4	ICMR, Dr.Swagata Tripathy	84,700.00	0.00	0.00	0.00	0.00	0.00	84,700.00	
5	HBCR, Dr.Saroj Ku Das Mazumdar	0.00	50,000.00	0.00	0.00	0.00	0.00	50,000.00	
6	SERB, Dr.Saurav Sarkar	0.00	0.00	75,300.00	0.00	0.00	0.00	75,300.00	
7	ICMR-NCDIR, Dr.Ramachandra Barik	0.00	0.00	0.00	49,000.00	0.00	0.00	49,000.00	
8	DST, Ms. Dharitri Swain	0.00	0.00	1,46,685.00	0	0.00	0.00	1,46,685.00	
9	LSRB, Dr. Kalpana Barhwal	0.00	0.00	0.00	3,53,216.00	0.00	0.00	3,53,216.00	
10	CDB, Dr.Rituparna Maiti	0.00	0.00	0.00	11,97,000.00	0.00	0.00	11,97,000.00	
11	CDB, Dr.Amit Ghosh	0.00	0.00	0.00	6,94,912.00	0.00	0.00	6,94,912.00	
12	SERB, Dr.Suvendu Purkait	0.00	0.00	7,34,948.00	1,20,136.00	0.00	0.00	8,55,084.00	
13	ICMR, Lovothy Roxinee, Dr.Rituparna Maiti	0.00	5,85,006.00	0.00	0.00	0.00	0.00	5,85,006.00	
14	CDC USA, Dr.Bijayini Behera	0.00	50,000.00	0.00	16,38,284.19	0.00	7,14,633.00	24,02,917.19	
15	Clinopsys, Dr.Tushar S Mishra	0.00	36,900.00	0.00	19,800.00	0.00	0.00	56,700.00	
16	ICMR. Prevalence Etiology Dr.C.Preetam	0.00	0.00	0.00	0.00	1,46,738.00	0.00	1,46,738.00	

Nikhil Tripathy

17	ICMR, Impairment in Rural Tribal Dr.C.Preetam	0.00	0.00	0.00	0.00	0.00	0.00	8,54,996.88	0.00	8,54,996.88
18	NHM, Etiology of Dairrhoea, Dr.Ashoka Mahapatra	0.00	0.00	0.00	0.00	0.00	0.00	42,777.00	0.00	42,777.00
19	ICMR, Mutation Analysis, Dr.Amit Ghosh	0.00	0.00	0.00	0.00	0.00	0.00	1,00,970.00	0.00	1,00,970.00
20	ICMR, Exploring Potential Role, Dr.Somanath Mukherjee	0.00	0.00	0.00	0.00	0.00	0.00	88,935.00	44,100.00	1,33,035.00
21	ICMR, CRSS Rubella, Dr.Bhagirathi Dwivedi	0.00	0.00	0.00	0.00	0.00	0.00	11,978.00	0.00	11,978.00
22	ICMR, Autoantibody, Dr.Bhagirathi Dwivedi	0.00	0.00	0.00	0.00	0.00	0.00	2,93,299.00	0.00	2,93,299.00
23	Flinder University, Dr.Balamurugan Ramadass	0.00	0.00	0.00	0.00	0.00	0.00	67,558.00	0.00	67,558.00
24	SERB, Dr.Vinay Kumar Hallur	0.00	0.00	0.00	0.00	0.00	0.00	6,78,606.00	0.00	6,78,606.00
25	BIRAC, Dr.Baijayatimala Mishra	0.00	0.00	0.00	0.00	0.00	0.00	47,659.00	32,100.00	79,759.00
26	MORU-IRIS, Dr.Swagata Tripathy	0.00	0.00	0.00	0.00	0.00	0.00	19,999.00	0.00	19,999.00
27	SERB, Dr.Mukund Namdev Sable	0.00	0.00	0.00	0.00	0.00	0.00	7,66,059.00	4,35,750.00	12,01,809.00
28	DBT, Dr.Amit Ghosh	0.00	0.00	0.00	0.00	0.00	0.00	10,17,033.00	0.00	10,17,033.00
29	ICMR, Dr. Vinay Kumar Hallur	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4,73,949.00	4,73,949.00
30	ICMR, Dr. Vinay Kumar Hallur	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3,00,056.00	3,00,056.00
31	ICMR, Dr. Vinay Kumar Hallur	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3,60,381.00	3,60,381.00
32	VRDL Dr. B Mishra	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3,88,263.00	3,88,263.00
33	VRDL Dr. B Mishra	0.00	0.00	0.00	0.00	0.00	0.00	0.00	87,800.00	87,800.00
34	NHM, Dr. Swagata Tripathy	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,07,884.00	2,07,884.00

Mukesh Tripathi

35	SERB, Dr. Subash Chandra Samal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11,44,500.00	11,44,500.00
36	ICMR, Dr. Dharitri Swain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	49,639.00	49,639.00
37	WHO, Dr. Arvind Kumar Singh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24,571.00	24,571.00
38	ICMR, Dr. Srujana Mohanty	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	98,716.00	98,716.00
39	ICMR, Dr. Samapika Routray	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	59,994.00	59,994.00
40	ICMR, Dr. Santosh Kumar Mahallik	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	58,903.00	58,903.00
GRAND TOTAL										1,65,85,604.07	

Mukesh Singh

Annexure GPF

AIIMS Bhubaneswar GPF fund**Balance Sheet as on 31.03.2022**

Particulars	Amount in Rs.
Corpus Balance:	
Opening Balance	1,51,77,503.00
Add: Contributions made by Employees	56,05,936.00
Add: Interest due on Subscribers Balance	12,91,835.00
Balance as per broad sheet	2,20,75,274.00
Total Amount	2,20,75,274.00
Assets:	
Amount Receivable from AIIMS Bhubaneswar	
Short fall in Opening Balance	7,78,853.08
Short fall in Current Year	5,82,009.04
	13,60,862.12
FD with Bank of India	89,90,000.00
Accrued Interest on the Fixed Deposit	11,51,916.00
Balance in Sweep Account	80,32,797.00
Balance In bank (Current Account)	25,39,698.88
Total Amount	2,20,75,274.00

Income & Expenditure Account for the period 01.04.2021 to 31.03.2022

Particulars	Amount in Rs.
Income:	
Interest Received from Bank – Fixed Deposit Account	5,12,598.00
Interest Received from Bank – Sweep Account	1,97,877.00
A. Total Amount	7,10,475.00
Expenditure:	
Interest due on the Subscribers Balance	12,91,835.00
Bank Charges	649.04
B. Total Amount	12,92,484.04
Excess Expenditure over Income (B-A) - to be compensated by AIIMS Bhubaneswar	5,82,009.04

Receipt & Payment Account for the period 01.04.2021 to 31.03.2022

Particulars	Amount in Rs.
Receipt:	
Opening Balance:	
Cash at Bank	25,09,411.92
Sweep Account Balance with Bank of India	22,59,920.00
Cash at Hand	NIL
Fixed Deposits with Bank	89,90,000.00
Employee's Contribution	56,05,936.00
Interest Received from Bank	1,97,877.00
Total Amount	1,95,63,144.92
Payment	
Bank Charges	649.04
Closing Balance:	
Cash at hand	NIL
Cash at Bank	25,39,698.88
Sweep Account Balance with Bank of India	80,32,797.00
Fixed Deposit with Bank of India	89,90,000.00
Total Amount	1,95,63,144.92



AUDIT REPORT



BRANCH: DIRECTOR GENERAL OF AUDIT (CENTRAL), HYDERABAD AT
BHUBANESWAR



Date: 10 Oct 2022

To,

The Executive Director, All India Institute of Medical Sciences (AIIMS), Bhubaneswar

Subject: Separate Audit Report on the accounts of All India Institute of Medical Sciences (AIIMS), Bhubaneswar for the year 2021-22 -reg.

Sir/Madam,

Separate Audit Report on the accounts of All India Institute of Medical Sciences, Bhubaneswar for the year 2021-22, Annexure thereof and one copy of Annual Accounts are forwarded herewith for placing before both the Houses of Parliament.

The dates of presentation of Separate Audit Report in both the Houses of Parliament may please be intimated.

Yours faithfully,

Karape JS
Director General



Shri Jitendra S. Karape, IA&AS
Director General of Audit (Central)

No. DGA(C)/CEA/SAR 2021-22/AIIMS-BBSR/2022-23/ 347

Date:10/10/2022

Audit of Annual Accounts of All India Institute of Medical Sciences (AIIMS), Bhubaneswar for the year 2021-22 was conducted during July 2022. Significant comments on accounts are included in the Separate Audit Report issued separately to the Government of India, Ministry of Health and Family Welfare, New Delhi and a copy marked to you. The observations which are not included in the Separate Audit Report, meriting the attention of the Management are detailed below to enable your office to take necessary corrective action.

I would like to inform that, minor irregularities in Part 'B' which have been noticed during the current audit and which require the necessary corrective action to be taken by the Management.

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Yours sincerely,
हस्ताक्षरित
महानिदेशक लेखापरीक्षा/केन्द्रीय
Director General of Audit (Central)

Prof (Dr.) Ashutosh Biswas,
Executive Director,
All India Institute of Medical Sciences,
Bhubaneswar

Annexure to Management Letter**PART-A- NIL****PART-B**

(1) In the financial year 2021-22 the Corpus of the endowment for gold medal was ₹14.50 lakh (**Schedule-3**) and interest income earned on term deposit of the said fund was ₹0.48 lakh (**Schedule-15**) which was neither added to the respective fund nor kept separately in the interest column in the Schedule-3. Since interest income of the Endowment Fund is not the income of the Institute, it should not be reflected as income in the Income & Expenditure Account. Further, no expenditure was made out of the interest income of the said fund during the year 2021-22. This resulted in overstatement of income and understatement of deficit by ₹0.48 lakh each. Consequently, Corpus/Capital Fund was overstated by ₹0.48 lakh and Endowment Fund understated to the same extent.

(2) One scientific equipment i.e. Nextseq 2000 Sequencing System valuing ₹3.47 crore was purchased and taken to stock on 29-06-2021, installed on 20-07-2021 and also capitalized during the year 2021-22. However, instead of charging depreciation of ₹0.36 crore (15 *per cent* on Rs.3.47 crore for 255 days) on the said scientific equipment, ₹0.41 crore was charged as depreciation. Charging excess depreciation on the said fixed asset amounting ₹0.05 crore (₹0.41 crore less ₹0.36 crore) resulted in understatement of Fixed Assets and overstatement of depreciation by ₹0.05 crore each. Consequently, deficit was overstated and Corpus/Capital Fund was understated to the extent of ₹0.05 crore.

हस्ताक्षरित
Director/CRA

Separate Audit Report on the accounts of All India Institute of Medical Sciences (AIIMS), Bhubaneswar for the year 2021-22

We have audited the attached Balance Sheet of All India Institute of Medical Sciences (AIIMS), Bhubaneswar as at 31 March 2022, the Income & Expenditure Account and Receipts & Payment Account for the year ended on that date under Section 19 (2) of the Comptroller & Auditor General's (Duties, Powers & Conditions of Service) Act, 1971 read with Section 18 (2) of AIIMS Act 1956 & AIIMS Amendment Act 2012. These financial statements are the responsibility of the Institute's Management. Our responsibility is to express an opinion on these financial statements based on our audit.

2. This Separate Audit Report contains the comments of the Comptroller & Auditor General of India (CAG) on the accounting treatment only with regard to classification, conformity with the best accounting practices, accounting standards and disclosure norms, etc. Audit observations on financial transactions with regard to compliance with the Law, Rules & Regulations (Propriety and Regularity) and efficiency-cum-performance aspects, etc., if any, are reported through Inspection Reports/CAG's Audit Reports separately.

3. We have conducted our audit in accordance with auditing standards generally accepted in India. These standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatements. An audit includes examining, on a test basis, evidences supporting the amounts and disclosure in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of financial statements. We believe that our audit provides a reasonable basis for our opinion.

4. Based on our audit, we report that:

(i) We have obtained all the information and explanations, which to the best of our knowledge and belief were necessary for the purpose of our audit;

(ii) The Balance Sheet and Income & Expenditure Account and Receipt & Payment Account dealt with by this report have been drawn up in the Format of Accounts prescribed by the Ministry of Finance, Government of India.

(iii) In our opinion, proper books of accounts and other relevant records have been maintained by All India Institute of Medical Sciences (AIIMS), Bhubaneswar, in so far as it appears from our examination of such books.

(iv) We further report that:

2. COMMENTS ON ACCOUNTS:

A. Balance Sheet:

A.1 Corpus/Capital Fund: ₹571.19 crore (Schedule-1)

A.1.1 Out of total Grants-in-Aid of ₹117.58 crore (OB ₹9.87 crore + Receipt ₹107.71 crore) made available for Capital Expenditure under the Object Head CCA-35 during the financial year 2021-22, an amount of ₹74.73 crore was utilized under the said head leaving an unutilized balance of ₹42.85 crore as on 31 March 2022.

However, no liability was created for the said unutilized capital fund of ₹42.85 crore in the year 2021-22. This resulted in overstatement of Corpus/Capital Fund (**Schedule-1**) by ₹42.85 crore and understatement of Current Liabilities & Provisions (**Schedule-7**) to that extent.

A.2 Current Liabilities and Provisions:- ₹126.90 crore (Schedule-7)

A.2.1 This does not include provision for known liabilities towards payment of outstanding expenses of ₹4.92 crore at the end of 31 March 2022, despite accounts maintained on accrual basis. This resulted in understatement of Current Liabilities & Provisions and Expenditure by ₹4.92 crore each and consequent overstatement of Corpus/Capital Fund by ₹4.92 crore.

A.2.2 The database are being put to use in the Library since February 2022 but suitable provision for Current Liabilities of ₹27.29 lakh was not made in the accounts for the year 2021-22 as a result of which Current Liabilities & Provisions has been understated by ₹27.29 lakh with corresponding understatement of Assets by ₹16.37 lakh and depreciation/expenditure by ₹10.92 lakh.

A.3 Assets: ₹698.23 crore

A.3.1 Fixed Assets: ₹477.88 crore (Schedule- 8)

A.3.1.1 This does not include ₹36.39 crore incurred towards creation of (i) 164 seated Hostel and 14 nos. of TYPE-V Quarters (ii) Development of Horticulture works and (iii) Night Shelter for OPD Patients and their attendants at AIIMS Bhubaneswar which were reported by the

Executing Agency (CPWD) as completed during the year and put to use but not capitalized. This resulted in understatement of Fixed Assets by ₹35.81 crore and overstatement of Capital-Work-in Progress by ₹36.38 crore. Understatement of depreciation/deficit by ₹0.58 crore and corresponding overstatement of Corpus/Capital fund to that extent.

A.3.1.2 Library Books and E-journals: ₹4.85 crore (Schedule – 8)

On scrutiny of the vouchers in support of procurement of E-journals during the period 2021-22 it was noticed that the entire cost of the Asset ₹91.66 lakh has been taken as “addition during the year”, instead of capitalizing the cost of the E-journals proportionately for the period 2021-22 for ₹68.96 lakh. Therefore, Fixed Assets has been overstated by ₹22.70 lakh and Current Assets (pre-paid expenses) has been understated to the same extent.

B. General:

B.1 Land (2.04 dec) allotted to the institute at Tangi for Tangi centre was not disclosed in the Notes on Accounts despite being pointed out during 2019-20.

B.2 No action was taken to capitalize the works shown as CWIP (₹74.10 crore) though pointed out the last SARs (2018-19, 2019-20 & 2020-21).

Net effect:

The net effect on the above comment is overstatement of assets by Rs.0.31 crore and understatement of liabilities by Rs.48.04 crore.

C. Grants-in-Aid:

Out of the total Grants-in-Aid (GIA) of ₹524.73 crore received during the financial year 2021-22 together with previous year's closing balance of ₹69.01 crore, and interest on GIA ₹2.88 crore which totaled to ₹596.62 crore, the Institute utilized ₹492.67 crore and refunded interest on GIA to the Ministry ₹0.02 crore during the year 2021-22, leaving an unspent balance of ₹103.93 crore as on 31 March 2022.

D. Management Letter: Deficiencies which have not been included in the Audit Report have been brought to the notice of the Executive Director, AIIMS Bhubaneswar through a Management Letter issued separately for remedial/corrective action.

v. Subject to our observations in the preceding paragraphs, we report that the Balance sheet and Income & Expenditure Account/Receipts & Payments Account dealt with by this report are in agreement with the books of accounts.

vi. In our opinion and to the best of our information and according to the explanations given to us, the said financial statements read together with the Accounting Policies and Notes on Accounts, and subject to the significant matters stated above and other matters mentioned in **Annexure** to this Audit Report give a true and fair view in conformity with accounting principles generally accepted in India:

a. In so far as it relates to the Balance Sheet, of the state of affairs of the All India Institute of Medical Sciences (AIIMS), Bhubaneswar as at 31 March 2022; and

b. In so far as it relates to Income & Expenditure Account of the *deficit* for the year ended on that date.

हस्ताक्षरित
Director General of Audit (Central)

ANNEXURE

- 1. Adequacy of Internal Audit System:** Neither Internal Audit Manual nor Internal Audit Wing exists in the Institute. Last internal audit was conducted by the Internal Audit Wing of the M/o Health & Family Welfare, Government of India, New Delhi for the period from December 2012 to March 2014. Since then, no Internal Audit has been conducted. Hence, Internal Audit System is inadequate.
- 2. Adequacy of Internal Control System:** Register of Deposit Works (CPWD) was not maintained to watch deposit of funds with executing agency. Annual Physical Verification of fixed assets and inventory was not conducted regularly. Though internal audit is a part of internal control but the same has not been done for the period from 2014-15 to 2021-22. In view of the above the Internal Control System is inadequate.
- 3. System of Physical Verification of Fixed Assets:** The Annual Physical Verification of Fixed Assets of the Institute has not been conducted for the period from 2018-19 to 2021-22.
- 4. System of Physical Verification of Inventory:** The Annual Physical Verification of inventory (Stores & Stock) of the Institute has not been conducted for the period from 2018-19 to 2021-22.
- 5. Regularity in payment of statutory dues:** The Institute is regular in depositing the statutory dues with the appropriate authorities.

हस्ताक्षरित
Director/CRA



ALL INDIA INSTITUTE OF MEDICAL SCIENCES BHUBANESWAR