

7th ANNUAL REPORT 2018-19



**ALL INDIA INSTITUTE OF MEDICAL SCIENCES
BHUBANESWAR**



डॉ हर्षवर्धन

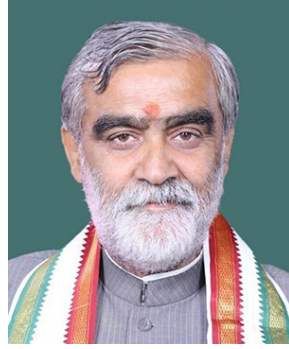
Dr. Harsh Vardhan

माननीय केंद्रीय मंत्री

Hon'ble Union Minister

स्वास्थ्य और परिवार कल्याण मंत्रालय

Ministry of Health & Family Welfare



श्री अश्विनी कुमार चौबे

Sh. Ashwini Kumar Choubey

माननीय राज्य मंत्री

Hon'ble Minister of State

स्वास्थ्य और परिवार कल्याण मंत्रालय

Ministry of Health & Family Welfare

Editorial group

Prof. Baijayantimala Mishra, Chairman
Professor & Head, Department of Microbiology

Dr. Vinaykumar Hallur, Member secretary
Assistant Professor, Department of Microbiology

Dr Asha Shetty, Member
Professor & Principal, College of Nursing

Dr Jawahar Sreevihar Pillai, Member
Additional Professor, Department of Hospital Administration

Dr. C. Preetam, Member
Associate Professor, Department of E.N.T

Dr. Sujit Tripathy, Member
Associate Professor, Department of Orthopedics

Dr. Suravi Patra, Member
Associate Professor, Department of Psychiatry

Dr Balamurugan Ramadass, Member
Assistant Professor, Department of Biochemistry

Dr Anand Srinivasan, Member
Assistant Professor, Department of Pharmacology

Table of Contents

Directors Review	01	Paediatric Surgery	311
The Institute & Its Committees	05	Pharmacology	317
Academic Section	13	Physical Medicine And Rehabilitation(PMR)	325
Hospital Section	25	Physiology	331
Anesthesiology	39	Psychiatry	341
Anatomy	57	Pulmonary Medicine	351
Ayush	67	Radiodiagnosis	365
Biochemistry	71	Radiotherapy	371
Burns & Plastic Surgery	83	Surgical Oncology	375
Cardiology	91	Transfusion Medicine	381
Community Medicine & Family Medicine	95	Trauma And Emergency Medicine	389
Cardiothoracic Surgery	119	Urology	397
Dentistry	123	Internal Complaints Committee (ICC) on Sexual harassment Act	403
Dermatology & Venereology	131	Feedback	407
Endocrinology & metabolism	137	Accounts	411
ENT	141	Audit Report	461
Forensic Medicine and Toxicology	149		
Gastroenterology	153		
General Medicine	157		
General Surgery	167		
Hospital Administration	179		
Medical Oncology & Hematology	185		
Microbiology	191		
Neonatology	207		
Neurology	211		
Neurosurgery	217		
Nuclear Medicine	225		
College Of Nursing	229		
Obstetrics & Gynaecology	251		
Ophthalmology	267		
Orthopaedics	273		
Pathology and Laboratory Medicine	287		
Pediatrics	299		

Directors Review



Another year has passed, and it is time for us to review and introspect on the events and activities of the year gone by. It gives me great pleasure to write the forward for the Annual Report of AIIMS Bhubaneswar for the year 2018-19, as the institution completes nearly seven years of existence.

AIIMS Bhubaneswar is the only new AIIMS for which the foundation stone was laid by none other than the former prime minister of India, Late Shri Atal Bihari Vajpayee on July 15th 2003. The construction work started in 2010 and the first Director of the Institute, Dr A.K.Mahapatra joined on 13th August 2012. With recruitment of faculty, nursing and other support staff, the first batch of medical students joined in September 2012. A small family health clinic was started in November 2012 and the OPD services followed by the in-patient services commenced in December 2013. The first batch of Nursing students joined in August 2013 followed by the first batch of B.Sc Technology students in 2014. With the establishment of various departments, we were able to start PG courses in specialty departments in July 2016 and in super specialty departments by January 2017. Today, we can boast of having PGs in 17 specialties and 6 super specialties besides having M.Sc nursing in 5 specialties. Hence in all humility, I can truly say, AIIMS BBSR fulfils its mandate to a large extent in terms of providing quality undergraduate and postgraduate education.

During the first 3-4 years from the inception of this institute the focus has been to complete the physical structure of the hospital, medical college and the residential campus so that the classrooms, laboratories, wards, OPDs, Operation Theatres, hostels, faculty accommodation, dining halls & kitchen can be provided to start the training of students and provide patient care services. Since I joined this institute as Director on 30th September 2016, nearly three years ago, the focus has been on conducting recruitment for faculty and non-faculty positions, procuring, installing and commissioning high-end equipment, putting in place processes and procedures to streamline administrative and financial procedures, conducting all the meetings of the various standing committees and generally creating a climate of professionalism and a culture of excellence. Till date, we have conducted 4 IB meetings, 5 GB meetings 7 Standing Finance Committee meetings and 5 Academic Committee meetings. thanks to the cooperation and facilitation by the members of all these committees who have cooperated with us so much, and each and every official of the PMSSY division of the Ministry of Health & Family Welfare from the ministerial staff right upto the Secretary, who have gone beyond the line of duty to facilitate things for us.

With a daily footfall touching 4000 patients in our outpatient departments, with more than 20% from neighbouring states, approximately thousand surgeries per month and 1500 inpatient admissions each month, AIIMS Bhubaneswar has established itself as a central tertiary care facility of Odisha and neighbouring states. At present, we are in the process of making the hospital fully functional with all 978 beds, 25 modular Operation Theatres out of which 15 are integrated and 112 Intensive Care Beds. The support services like the state-of-the-art Central Sterile Services Department have

been completed and was inaugurated in March 2019. We have instituted mechanised cleaning in the hospital, horticulture services by the CPWD and embarked on a Swachchatha campaign which aligns itself on the Kayakalp model.

We now have seven functioning OTs including one emergency OT. The High Energy Linear Accelerator, Brachytherapy and CT simulator in the Dept. of Radiotherapy and the Spect CT and Gamma Camera services in the Dept. of Nuclear Medicine which were inaugurated last year is being put to good use judging by the number of users every day. Many specialty clinics like Upper GI endoscopy, coloproctology, sleep, de-addiction, a comprehensive breast centre, and many others were added. Community outreach programmes to address health issues of nearby rural areas have been given priority. In fact, about 12% of the total OPD attendance is contributed by the outreach services rendered. The Central Council for Research in Yoga and Naturopathy has established a unit at AIIMS which strengthens the facilities already in place by providing high-end Naturopathy care. All basic and many sophisticated laboratory tests are conducted in-house by the departments of Pathology & Lab Medicine, Biochemistry and Microbiology which greatly support the clinical care being rendered.

We now have 182 regular faculty out of the 305 sanctioned posts (59%) for the medical college and 12 out of the 12 sanctioned faculty for the College of Nursing which is 100%. Our faculty members have been carefully chosen through a rigorous and robust process. Almost all of them have received training in the top institutions of this country and abroad and bring with them the academic culture and work ethic that exemplify ethics, integrity and professionalism. I am indeed honoured to lead a team of highly motivated and inspired faculty members who are determined to build this institution into an unparalleled edifice of learning and patient care and want to give back to this state and region a small bit of what they have received.

On August 25th, 2018 we celebrated our first convocation which was a truly memorable day for us as we were the first amongst the new AIIMS to host a convocation. Foundation stones for the five storied Dharamshala which is a gift from NALCO under CSR, A state-of-the-art Burns Centre from NTPC and Trauma unit from PETRONET were laid by the Hon'ble Vice President of India, Shri Venkaiah Naidu. The same day saw the laying of the Foundation stone for the AIIMS Bhubaneswar satellite centre at Balasore by the then Hon'ble Minister of Health & FW, Shri JP Nadda and the Hon'ble Minister for Petroleum Shri Dharmendra Pradhan.

In the month of November 2018, AIIMS Bhubaneswar was named Best Government Hospital in the Eastern Region of India by The Week magazine. These are indeed satisfying honours, and we are proud to receive them as they stake our claim that we have indeed arrived.

The students in AIIMS Bhubaneswar, are selected by a process which ensures transparency, so that the best of the best get a chance to pursue their dreams. The ambience and culture of AIIMS Bhubaneswar facilitates self-directed learning and promotes our students to become lifelong learners capable of working in the most challenging environments with service to humanity as their goal. To this end, the undergraduate medical curriculum has already been modified by introducing a competency-based curriculum, early community and clinical exposure, two month elective postings, newer blended methods of teaching-learning, improved assessment systems and more integration of basic sciences with clinical subjects. We continue to hold exit Objective Structured Clinical Examinations (OSCEs) for the interns who are about to complete their course, thereby assessing and documenting that

AIIMS Bhubaneswar graduates have the necessary basic clinical skills expected of interns. The PG and UG curricula have been modified by introducing more skill based training modules and workplace based assessment.

The standing of an institution in academia is judged by the students it produces. The first batch of our medical students which has passed out have done us proud in getting very high ranks in the All India PG entrance exams and many of them have now started their postgraduation courses in AIIMS New Delhi, PGIMER, JIPMER and other Institutions of repute. From time to time our students and residents have also won quiz competitions, cultural prizes, sports prizes, awards for paper presentation etc., and we acknowledge and appreciate their efforts. We have tried to improve the ambience and the facilities here which can support and maintain the physical and mental well-being of our students. A Central Wellness Centre with counselling services during the week and a 24X7 helpline facility have been launched to facilitate the students who need and seek help when disturbed.

Many national, regional and state-level workshops, seminars, conferences have been held by the various departments and many public patient education lectures have been conducted. The holding of formal, regular, monthly mortality and morbidity meetings has started so that we learn from our mistakes and can put processes in place to avoid systemic errors. The Internal Complaints Committee has conducted many sensitization programmes for faculty and staff on sexual harassment in the workplace this past two years. The medical education unit and research cell have been inspired to conduct many faculty development programmes on research methodology, biostatistics, medical education, PG and interns orientation programmes and so on. Intramural research funds have been disbursed to many faculty to enable them start projects which may help them collect data and use it to apply for extramural research funds. We have mentored Isphat General Hospital Rourkela so that their services can be upgraded.

The College of Nursing have widened the scope of their involvement and engagement with the hospital. They have conducted outreach camps to inculcate a sense of social responsibility in the nursing students, training in emergency procedures for our nurses and celebrated important days with patient education programmes and training of student nurses.

The institute has signed up with PM-JAY Ayushman Bharat as well as the Govt. of Odisha's BSKY scheme. This will be a boon for the majority of the patients who enter the portals of AIIMS Bhubaneswar. Under the RBSK scheme nearly 70 children have received surgery including cochlear implants and other surgery for congenital problems. We have signed MoUs with Smile Train, the Royal Society of Tropical Medicine & Hygiene, London, Jiv Daya Foundation, Central Council for Research in Yoga & Naturopathy and many other organizations.

We are constantly aware of the necessity to improve patient safety and quality of care. In keeping with this need, we have established the AIIMS Bhubaneswar Quality Council (ABQC) which consists of eight core areas such as (a) Hospital Infection Control (b) Surgical Safety (c) Medication Safety (d) Medical audit (e) Communications (f) Facility Management (g) Sentinel Event Monitoring and (h) Fire safety. A two day Sensitization Workshop on Patient Safety and Quality of Care was organized in December last year in collaboration with the Harvard T.N.Chan School of Public Health. In order to establish better quality of patient care, all nurses joining this institute are going through induction training conducted by the Dept. of Hospital Administration and the College of Nursing. The medical education

unit and research cell have been inspired to conduct many faculty development programmes and micro teaching sessions for all Professors and Additional Professors have been conducted.

The Administration section has done faculty recruitment, and recruitment for other posts. In addition, regular interviews have been held for filling up the various posts on deputation. The procurement section has been coping up marvellously with the increased demand for consumables, equipment, furniture and so many other items including tenders. We have entered into an MoU with HLL for procurement of equipment costing more than 30 lakhs. The AIIMS Bhubaneswar library has a large number of journals and books so that our faculty and students will not want for journals in their field and will stay updated. The Engineering section, IT Cell and Security division have all contributed much towards the smooth running of the institute.

I place on record my appreciation and admiration for all that the faculty have done for the institute. Each one of the faculty members, seniors and juniors have played crucial, critical roles in shaping the future of this institution and I wholeheartedly acknowledge their contribution. The AIIMS brand is less about individual achievement and more about what we can achieve together. My role as the CEO of this institute has been, and will always be, to lead the way and to enable, empower and facilitate every student, staff, resident and faculty member to reach their potential. I hope to be able to contribute to the continued growth and expansion of this institute in the coming years.

Dr Gitanjali Batmanabane

The Institute & its Committees

MEMBERS OF INSTITUTE BODY, AIIMS, BHUBANESWAR

Sl. No.	Name & Designation	Post
1	Dr. Subrat Kumar Acharya, Executive Director, Fortis Hospital	President
2	Dr. Prasanna Kumar Patasani Hon'ble Member of Parliament, Lok Sabha, Government of India	Member
3	Dr. Kulamani Samal Hon'ble Member of Parliament, Lok Sabha, Government of India	Member
4	Smt. Sarojini Hembram Hon'ble Member of Parliament, Rajya Sabha, Government of India	Member
5	Ms. Preeti Sudan, IAS, Secretary, Ministry of Health and Family Welfare, Government of India	Member
6	Mr. Aditya Prasad Padhi, IAS, Chief Secretary, Government of Odisha	Member
7	Dr. S. Venkatesh Director General of Health Services, Ministry of Health and Family Welfare, Government of India	Member
8	Sgri Dharmendra .S. Gangwar, IAS Additional Secretary & Financial Advisor, Ministry of Health and Family Welfare, Government of India	Member
9	Dr. P.Satish Chandra Former Director, NIMHANS, Bangalore, Karnataka	Member
10	Prof. Showkat Ali Zargar Former Director, SKIMS, Srinagar, Jammu and Kashmiri	Member
11	Dr. K.Jagadeesan Founder Chairman & Chief Surgeon, KJ Hospital Research & Postgraduate Centre, Chennai	Member

12	Dr. Balram Bhargava Secretary, Department of Health Research & DG, ICMR, V. Ramalingaswami Bhawan	Member
13	Prof. Soumendra Mohan Patnaik Vice Chancellor, Utkal University, Bhubaneswar	Member
14	Prof. Madhusudan Chakraborty Ex-Director, IIT, Bhubaneswar	Member
15	Dr. K.Srinath Reddy President, Public Health Foundation of India, ISID Campus, 4-Industrial Area, Vasant Kunj, New Delhi.	Member
16	Prof. Samir Brahmachari Former DG, CSIR & Ex-Secretary, DSIR, Government of India	Member
17	Dr. Gitanjali Batmanabane, Director, AIIMS, Bhubaneswar	Member Secretary

MEMBERS OF GOVERNING BODY, AIIMS, BHUBANESWAR

Sl. No.	Name & Designation	Posts
1	Dr. Subrat Kumar Acharya, Executive Director, Fortis Hospital	Chairman
2	Dr. Prasanna Kumar Patasani, Hon'ble Member of Parliament, Lok Sabha, Government of India	Member
3	Ms. Preeti Sudan, IAS, Secretary, Ministry of Health and Family Welfare, Government of India	Member
4	Dr. S. Venkatesh, Director General of Health Services, Ministry of Health and Family Welfare, Government of India	Member
5	Shri Dharmendra S.Gangwar, IAS Additional Secretary & Financial Advisor, Ministry of Health and Family Welfare, Government of India	Member
6	Mr. Aditya Prasad Padhi, IAS, Chief Secretary, Government of Odisha	Member
7	Prof. Showkat Ali Zargar, Former Director, SKIMS, Srinagar, Jammu and Kashmir	Member
8	Dr. K.Jagadeesan, Founder Chairman & Chief Surgeon, KJ Hospital Research & Postgraduate Centre, Chennai	Member
9	Dr. Balram Bhargava, Secretary, Department of Health Research & DG, ICMR, V. Ramalingaswami Bhawan	Member
10	Dr. Gitanjali Batmanabane, Director, AIIMS, Bhubaneswar	Member Secretary

MEMBERS OF STANDING FINANCE COMMITTEE, AIIMS, BHUBANESWAR

Sl. No.	Name & Designation	Post
1	Ms. Preeti Sudan, IAS, Secretary, Ministry of Health and Family Welfare, Government of India	Chairman
2	Dr. Kulamani Samal Hon'ble Member of Parliament, Lok Sabha, Government of India	Member
3	Dr. S. Venkatesh, Director General of Health Services, Ministry of Health and Family Welfare, Government of India	Member
4	Shri Dharmendra S.Gangwar, IAS Additional Secretary & Financial Advisor, Ministry of Health and Family Welfare, Government of India	Member
5	Mr. Aditya Prasad Padhi, IAS, Chief Secretary, Government of Odisha	Member
6	Dr. P.Satishchandra Former Director, NIMHANS, Bangalore, Karnataka	Member
7	Prof. Samir Brahmachari, DG, CSIR and Secretary, DSIR, Government of India	Member
8	Dr. Gitanjali Batmanabane, Director, AIIMS, Bhubaneswar	Member Secretary

MEMBERS OF STANDING SELECTION COMMITTEE, AIIMS, BHUBANESWAR

Sl. No.	Name & Designation	Post
1	Dr. P. Satish Chandra, Former, Director, NIMHANS, Bangalore, Karnataka	Chairman
2	Dr. S. Venkatesh, Director General of Health Services, Ministry of Health and Family Welfare, Government of India	Member
3	Prof. Samir Brahmachari, DG, CSIR and Secretary, DSIR, Government of India	Member
4	Prof. Balram Bhargav Secretary, Department of Health Research & DG, ICMR, V. Ramalingaswami Bhawan	Member
5	Prof. Madhusudan Chakaraborty, Ex-Director, IIT Bhubaneswar	Member
6	Prof. Soumendra Mohan Patnaik Vice Chancellor, Utkal University, Bhubaneswar, Odisha	Member
7	Prof. Showkat Ali Zargar, Former Director, SKIMS, Srinagar, Jammu and Kashmir	Member
8	Prof. Gitanjali Batmanabane, Director, AIIMS, Bhubaneswar	Member Secretary

MEMBERS OF ACADEMIC COMMITTEE, AIIMS, BHUBANESWAR

Sl. No.	Name & Designation	Posts
1.	Dr. P. Satish Chandra, Former, Director, NIMHANS, Bangalore, Karnataka	Chairman
2.	Dr. Prasanna Kumar Patasani, Hon'ble Member of Parliament, Lok Sabha, Government of India	Member
3.	Prof. Samir Brahmachari, DG, CSIR and Secretary, DSIR, Government of India.	Member
4.	Dr. K. Srinath Reddy President, Public Health Foundation of India, ISID Campus, 4-Industrial Area, Vasant Kunj, New Delhi.	Member
5.	Prof. Madhusudan Chakaraborty, Ex-Director, IIT Bhubaneswar	Member
6.	Prof. Showkat Ali Zargar, Former Director, SKIMS, Srinagar, Jammu and Kashmir	Member
7.	Prof. Gitanjali Batmanabane, Director, AIIMS, Bhubaneswar	Member Secretary

General Administration

The General Administration Division of the Institute is an important Wing managing the activities which renders administrative support to the Director 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, Grievances Handling, Administrative interdepartmental Co-ordination, conducting IB, GB & CIB 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, Assistant Administrative Officer, Office Superintendent 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 Staff Strength of AIIMS, Bhubaneswar is 4089, including Medical College, Hospital, College of Nursing and Administration. The details are given as under: -

Sl No	Category	Sanctioned Strength	Regular	Deputation	Contractual	Tenure (SR)	Outsourced	Total Staff in position
1.	Project Cell Officer	08	-	05	-	-	-	05
2.	Faculty	305	178	-	04	-	-	182
3.	Group A	922	40	11	200	198	-	449
4.	Group B	2228	561	16	131	-	129	837
5.	Group C	626	-	-	-	-	305	305
	Total	4089	779	32	335	198	434	1778

Sl No	Category	Sanctioned Strength	Total Staff in position
1.	Project Cell Officer	08	05
2.	Faculty	305	182
3.	Group A	922	449
4.	Group B	2228	837
5.	Group C	626	305
	Total	4089	1778

Recruitment

1. Process for recruitment of 125 Regular Faculty posts and 74 posts on deputation/contractual engagement of retired faculty have been initiated.
2. Recruitment of Contractual Faculty on Walk-in-Interview has been completed. Out of which six faculties have joined.
3. Six Group A & B posts have been filled up on deputation basis.
4. 1212 posts of Group B Non-faculty was advertised and out of which 428 posts have been filled up.

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 headed by the Stores and Senior Procurement Officer assisted by Assistant Store Officers & Store Keepers. The Section has issued Supply Orders amounting to Rs. 37.63 Crores and GeM Contract amounting to Rs. 6.85 Crores. This is all total (Supply Order and GeM Contract) amounting to Rs. 44.48 Crores during the FY 2018-19.

ACADEMIC SECTION

HOSTEL COMMITTEE

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

Dr. Saubhagya Kumar Jena	Chief Hostel Superintendent
Dr. Ashoka Mahapatra	Additional Hostel Superintendent
Dr. Vinay Kumar Hallur	Deputy Hostel Superintendent (Block B)
Dr. Dilip Kumar Samal	Deputy Hostel Superintendent (Block C)
Dr. Pradeep Kumar Singh	Deputy Hostel Superintendent (Block D)
Dr. Pankaj Kumar	Deputy Hostel Superintendent (PG-II)
Dr. Mukund Namdev Sable	Deputy Hostel Superintendent (PG -III)
Dr. Subarna Mitra	Deputy Hostel Superintendent (Block E)
Dr. Shree Mishra	Deputy Hostel Superintendent (PG - IIA)
Dr. Rajesh Kumar	Deputy Hostel Superintendent (PG- IIB)
Dr. Renju Sussan Baby	Deputy Hostel Superintendent (Type II, Ladies Hostel)
Dr. Mariamma V. George	Deputy Hostel Superintendent (Block A)

The Student hostels

MBBS, B. Sc. (Hons) Nursing, B. Sc. (Hons) Paramedical and P.G. students were accommodated in their well-furnished respective hostels. Boys (MBBS) & B. Sc. (Hons) Paramedical students stay in Hostel C & D Block Girls. Male Interns in PG1A and Female Interns including Nursing Interns stay at PG1B. PGs & B. Sc. (Nursing) Interns stay in PG-II. The students play football, cricket, badminton, volley ball in hostel premises at their leisure. Moreover, there is a provision for various indoor games (chess, table tennis, carom) in the hostels. GYM: In the 1st floor of Dining hall-II there is a well-equipped Gym meant for the students. There are two Dining Halls which are operational for all the students.

MEDICAL EDUCATION UNIT

FACULTY

Dr. Saurav Sarkar	Team Leader
Dr. R Balamurugan	Member Secretary
Dr. Rituparna Maity	Member
Dr. Jayanta Mitra	Member
Dr. Priyadarshini Mishra	Member
Dr. Debapriya Bandopadhyay	Member
Dr. Prabhas Ranjan Tripathy	Member
Dr. Sweta Singh Mishra	Member
Dr. Somanath Padhi	Member
Dr. Vinaykumar Hallur	Member
Dr. Mukund Sable	Member
Dr. Upendra Hansdah	Member
Dr. Amit Kumar Satpathy	Member
Dr. Suravi Patra	Member

HIGHLIGHTS

The Medical Education Unit, AIIMS Bhubaneswar was first constituted in the year 2012 and the current team was reconstituted with young, dynamic and active members from 7th October 2018. Since then this team tirelessly works towards the training of the interns, senior residents and faculty via targeted orientation programmes. This unit is dedicated towards developing quality curriculum and constantly strive for excellence in medical education.

Following activities were conducted:

1. MEU organised the Undergraduate and Post graduate Curriculum development programme on 26th April 2018, MEU Members and Board of studies, AIIMS Bhubaneswar participated.
2. MEU organised the Internship Orientation Programme- 2018 on Ethics, Professionalism, Communication skills, Rational investigations, Biomedical waste, Patient safety, Universal precautions and Hospital information system for Interns (Batch 2013), AIIMS Bhubaneswar organised by MEU Members, AIIMS Bhubaneswar from 28th September 2018 to 29th September 2018 at Nursing college mini-auditorium.
3. MEU is organising Microteaching Sessions, which are a Continuous Faculty Development Programme (Ongoing) conducted for all the interested faculty of AIIMS Bhubaneswar starting from 03rd November 2018.

- MEU organised a Workshop on Augmentation of Teaching Skills for Senior Residents on Basics of Medical Education, Teaching Learning media, Domains of learning, Assessment, Microteaching- for residing Senior Residents, AIIMS Bhubaneswar from 30th November 2018 to 01st December 2018.



Workshop on Augmentation of Teaching Skills for Senior Residents

- MEU organised an Exit Objective structured Clinical Examination-2018(OSCE-2018) for Interns (Batch 2013), AIIMS Bhubaneswar on 10th December 2018.



Interns performing OSCE at various OSCE stations at OSCE-2018

6. MEU organised Internship Induction Programme-2019 on Basic Life Support course for Interns (Batch 2014), AIIMS Bhubaneswar from 01st January 2019 to 02nd January 2019.
7. MEU organised Workshop on Assessment Methodologies for faculty from departments of Anatomy, Physiology and Biochemistry from AIIMS Bhubaneswar on the 23rd February 2019 by Dr Sivakumar, Professor (Anatomy) JIPMER, Dr Nalin Mehta, Professor (Physiology), AIIMS Delhi, Dr B C Koner Professor (Biochemistry), MAMC, New Delhi.
8. MEU organised Sensitization Workshop on mentorship of Undergraduate Students for Faculty, AIIMS Bhubaneswar on the 02nd March 2019 by Dr Barna Ganguly, Professor (Pharmacology), PSMC, Karamsad, Dr Amir Khan Mahroof, Associate Professor (Community Medicine), UCMS, New Delhi.
9. MEU Organised the Faculty development programme on assessment for Faculty of AIIMS Bhubaneswar by Faculty from National Teachers training centre (NTTC), JIPMER, and Pondicherry from 29th March 2019 to 30th March 2019.



Faculty development programme on assessment

CENTRAL LIBRARY

Central Library, AIIMS, Bhubaneswar caters the information needs of the members of the Institute. All the Faculties, Nurses, Students, Administrative Staff, Paramedical staff of the Institute are members of the Library. It has been proactively supporting faculties and students in collection of their references for their research work. It has been working under the guidance of a Library Committee constituted by the head of the Institution.

Prof (Dr.) Subash Chandra Samal (Chairman), Prof. (Dr.) Asha P. Shetty (Member), Dr. Jitendra Narayan Dash (Member Secretary), Dr. Somnath Mukherjee (Member), Dr. Prakash Kumar Sasmal (Member), Dr Prajna Paramita Giri (Member)

Library Timings

It remains open from 9.00 A.M. to 9.00 P.M. from Monday to Friday and 9.00 A.M. to 4.30 P.M. on Saturday. Reading room remains open from 6 A.M. to 10 P.M. everyday.

Library Resources

Total No. of Books: 8190, in different disciplines of Medical Sciences and 145 in Hindi language, 325 Administrative Books of Swamy Publication along with 44 Dictionaries are available in the library.

CD/DVDs: 464

Research Treatment Protocols: 21

Theses: 10

Magazines and Newspapers

English Magazines: 09. Tamil Magazine: 01

English Daily: 07, Hindi: 01 and 07 in Odia language.

Journals

In total library has subscription to around 1666 high impact online journals which are published by reputed publishers and societies of the world such as Elsevier, Wolters Kluwer, Wiley, Springer Nature, Thieme, Karger, BMJ, Oxford etc. Out of them 239 journals are available for access through the ERMED consortium of National Medical Library of MOHFW. All the online journals and other freely available peer reviewed biomedical information resources available in web are listed in the library web site. Remotexs has been subscribed to access them anywhere and anytime through digital gadgets. Library subscribed journals are linked with reputed medical database PubMed for easy access by library patrons.

A computer centre is working with internet along with Wi-Fi facility.

Databases

Library has subscription to relevant databases of medicine such as ClinicalKey of Elsevier, point to care tool- Uptodate of Wolters Kluwer, BMJ Best Practice of British Medical Journal (BMJ), Access Medicine of McGraw-Hill, Cinahl of EBSCO.

Trial access for other relevant databases is arranged for creating awareness for different scholarly resources.

Electronic books

Library has access to around 1200 well known titles of medicine.

Training and Exhibition

Library has organized Training Session for subscribed resources ERMED, ClinicalKey, Uptodate, Access Medicine, Cinahl, besides that short training session in some departments has been conducted to promote the resources. Also, Author workshop on structuring the manuscript to impress editors of reputed scholarly journals was organized. Library has organized a book exhibition where reputed medical publishers have participated and displayed their newly published books for creating awareness and procurement by members.

Library Automation

Library is fully automated with implementation of open source software Koha integrated with RFID (Radio Frequency Identification) Technology.

Work in Progress

Processing work is going on to set up library infrastructure interior design and furniture in turn-key basis.

INSTITUTE RESEARCH COMMITTEE

As per the mandate of the institute, research forms an important component. The vision of the institute envisages being at the forefront of quality research activities both in basic and applied science in this region.

This Institute Research Committee (IRC) deals with the administration of all the extramural, Intramural funded and Intramural non funded research conducted at AIIMS, Bhubaneswar. The IRC also organizes various workshops for faculty members as a part of Faculty Development Programme.

The Institute Research Committee, Scientific Evaluation Committee, Sub-Committee for Regulatory Clinical Trials, Institute Ethics Committee were constituted by the Director as follows.

Institute Research Committee

Dr. Kanishka Das Professor & HoD, Dept. of Pediatric Surgery	Chairman
Dr. Baijayantimala Mishra Professor & HoD, Dept. of Microbiology	Member
Dr. Asha P Shetty Professor-cum- Principal College of Nursing	Member
Dr. Bhagirathi Dwibedi Additional Professor Dept. of Pediatrics	Member
Dr. Susanta Kumar Padhy Additional Professor Dept. of Psychiatry	Member
Dr. Subarna Mitra Assistant Professor Dept. of Obstetrics & Gynaecology	Member
Dr. Ramadass Balamurugan Assistant Professor Dept. of Biochemistry	Member
Dr. Biswa Mohan Padhy Associate Professor Dept. of Pharmacology	Member Secretary

Scientific Evaluation Committee:

Dr. Sanghamitra Pati (Director, RMRC, Bhubaneswar)	Chairman
Dr. Vikas Bhatia Ex Dean , and Professor & HoD Dept. of CM & FM	Member
Dr. Aparna Palit Professor & HoD Dept. of Dermatology	Member
Dr. Srujana Mohanty Additional Professor Dept. of Microbiology	Member
Dr. Biswa Mohan Padhy Associate Professor Dept. of Pharmacology	Member Secretary

Sub-Committee for Regulatory Clinical Trials:

Dr. Debasish Hota Professor & HoD Dept. of Pharmacology	Chairman
Dr. Rituparna Maiti Additional Professor Dept. of Pharmacology	Member Secretary
Dr. Rashmi Ranjan Das Associate Professor Dept. of Pediatrics	Member
Dr. Dillip Kumar Samal Assistant Professor Dept. of ENT	Member

During the year under review, the faculty of the AIIMS drew extramural grants for various research projects from national and international agencies and Intramural grant funded by AIIMS, Bhubaneswar.

Details of Projects with Institute Research Committee:

• Ongoing Extramural Projects:	30
• Total Budget:	Rs. 17,59,47,484/-
• Ongoing Intramural funded Projects:	43
• Total Budget:	Rs.1,05,52,497/-
• Ongoing Intramural Non funded Projects:	84
• Ongoing PG Thesis Projects:	56
• Ongoing Student Projects (Short Term Studentship & Nursing) :	21

Funding Agencies:

The following were the major agencies involved :

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

Other Activities: The IRC 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. In the year, Institute Research Committee organized two review meetings for the research projects undertaken by the faculty members of the institute.

Review meetings:

- Organized the Institute Scientific Evaluation Committee on 6th, 7th & 8th August 2018.
- Organized the review meetings of intramural funded project F.Y. 2016-17 on 2nd & 3rd November 2018.

Institutional Ethics Committee (till 31 st March, 2019):

The Institute Ethics Committee was constituted in 2013 and was registered with CDSCO on 6th February, 2014. The registration has been renewed for another 3 years from 6th February 2017 to 5th February 2020(ECR/534/Inst/OD/2014/RR-17).

Members of Ethics Committee

1. Prof Suresh Chandra Dash (Chairperson), Emeritus Professor, KIMS, Bhubaneswar.
2. Dr Manaswini Mangaraj, Professor & HoD, Dept. of Biochemistry, AIIMS, Bhubaneswar.
3. Ms Navaneeta Rath, Professor of Sociology, Utkal University
4. Ms Swarna Misra, Honorary Secretary, Shusrusa (NGO)
5. Mr Santanu Kumar Sarangi, Senior Advocate, Odisha High Court.
6. Dr Sandip Kumar Mishra, Scientist-E, Institute of Life Sciences, Bhubaneswar.
7. Dr Rituparna Maiti, Additional Professor, Dept. of Pharmacology, AIIMS, Bhubaneswar.
8. Dr S. Manwar Ali, Associate Professor, Dept. of General Surgery, AIIMS, Bhubaneswar.
9. Dr Bikram Kishore Behera, Associate Professor, Dept. of Anaesthesia, AIIMS, Bhubaneswar.
10. Dr Somnath Mukherjee, Associate Professor, Dept. of Transfusion Medicine & Blood Bank, AIIMS, Bhubaneswar.
11. Dr Amit Ghosh, Associate Professor, Dept. of Physiology, AIIMS, Bhubaneswar.
12. Dr Arvind Kumar Singh, (Member Secretary), Assistant Professor, Department of CM & FM, Bhubaneswar.

Activities of Institutional Ethics Committee

The IEC met & deliberated 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	Extramural	Intramural		
			Nursing	STS			Funded	Non-Funded	
1	21.04.2018	11				1		9	10
2	19.05.2018	9		3	1			4	8
3	09.06.2018	9		1	19				20
4	14.07.2018	10			7	4		4	15
5	16.08.2018	9				3		7	10
6	08.09.2018	9				1		10	11
7	13.10.2018	9					16	9	25
8	17.11.2018	9				2	10	2	14
9	12.12.2018	8			27			8	35
10	12.01.2019	7	11		1	4	2	13	31
11	09.02.2019	12				6		8	14
12	19.03.2019	10	3	3	1	1	7	5	20
Total			14	7	56	22	35	79	213

EXAMINATION CELL

Professor i/c Exam Cell

Prof. Manoj Kumar Mohanty

Asst. Controller of examination

Mr. Shyama Prasad

1. Background

At present the examination cell is discharging the duties and responsibilities of conducting examination of the following courses: -

- a. MBBS
- b. B. Sc (H) Nursing
- c. M. Sc Nursing
- d. PG/MD/MS/Mch
- e. PDF CC and PDF PC
- f. Paramedical Courses (OTAT, MTR, MLT)

In addition to the above, the Examination cell is also involved in recruitment of process of Senior Residents, Junior Residents and any other positions as entrusted by the Competent Authority.

2. Activities Undertaken

(a) MBBS

- i) 1st Professional MBBS Annual Examination 2018 (Batch 2017) was conducted from 3rd July, 2018 to 19th July, 2018.
- ii) 1st Professional MBBS Supplementary Examination 2018 (Batch 2017) was conducted from 25th September, 2018 to 10th October, 2018.
- iii) 2nd Professional MBBS Annual Examination 2018 (B-2016) was conducted from 15th November, 2018 to 7th December, 2018.
- iv) 2nd Professional MBBS Supplementary Examination 2019 (B-2016) was conducted from 12th February, 2019 to 28th February, 2019.
- v) 3rd Professional MBBS Annual Examination 2018 (Batch-2014) was conducted from 22nd November, 2018 to 15th December, 2018.

(b) B. Sc (H) Nursing

- i) 1st Year B. Sc (H) Nursing Annual Examination 2018 (Batch-2017) was conducted from 18th June, 2018 to 26th June, 2018.
- ii) 2nd Year B. Sc (H) Nursing Annual Examination 2018 (B-2016) was conducted from 18th June, 2018 to 27th June, 2018.

- iii) 3rd Year B. Sc (H) Nursing Annual Examination 2018 (B-2015) was conducted from 22nd June, 2018 to 30th June, 2018,
- iv) 4th Year B. Sc (H) Nursing Examination 2018 (Batch 2014) was conducted from 23rd June, 2018 to 30th June, 2018.
- v) 1st, 2nd, 3rd and 4th Year B. Sc (H) Nursing Supplementary Examination 2018 was conducted from 24th September 2018 to 29th September 2018.

(c) Paramedical Courses

- i) 4th End Semester B. Sc (H) Paramedical Final Examination 2018 (B-2016) was conducted from 10th August 2018 to 16th August 2018.
- ii) 2nd End Semester B. Sc (H) Paramedical Examination 2018 (Batch 2017) was conducted from 16th August 2018 to 27th August, 2018.
- iii) 1st End Semester B. Sc (H) Paramedical Examination 2018 (Batch 2018) was conducted from 14th January, 2019 to 17th January, 2019.
- iv) 5th End Semester B. Sc (H) Paramedical Examination 2018 (Batch 2016) was conducted from 17th January, 2019 to 19th January 2019.
- v) 3rd End Semester B. Sc (H) Paramedical Examination 2018 (Batch 2017) was conducted from 11th February 2019 to 13th February 2019.

(d) PDF Exit Examination

- i) PDF Palliative Care Medicine Exit Examination was conducted on 23rd October, 2018.
- ii) PDF Critical Care Exit Examination was conducted on 31st October, 2018.

(e) Recruitment

The recruitment process of the following carried out/planned which will go a long way for the growth of the Institute as given below:

Senior Residents: Conducted recruitment process of Senior Residents in various departments on 4nos of occasions during the year

- i) Junior Residents: Conducted recruitment process of Junior Residents in various departments on 2nos of occasions during the year.
- ii) Recruitment of Senior Medical Officer Ayush (Ayurveda), Medical Officer Ayush (Homeopathy) and Medical Officer Ayush (Ayurveda) has been carried on 22nd December 2018.



HOSPITAL SECTION

HOSPITAL SECTION

FACULTY

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

HIGHLIGHTS OF HOSPITAL

CLINICAL SERVICES

a. Out Patient Department (OPD)

(i) Statistics of AIIMS, BBSR from April 2018 - March, 2019

Year	Month	OPD
2018	April	48989
2018	May	61023
2018	June	54805
2018	July	61196
2018	August	65382
2018	September	59346
2018	October	63712
2018	November	59966
2018	December	54161
2019	January	58208
2019	February	59915
2019	March	65146
TOTAL		711849

(ii) Statistics of Outreach Centres from April 2018 - March, 2019

Year	Month	Mendhasal	Tangi	Nayapalli	Balasore	TOTAL
2018	April	626	711	1158	394	2889
2018	May	963	1009	1088	516	3576
2018	June	872	866	986	458	3182
2018	July	932	1009	1290	932	4163
2018	August	1154	1452	1928	842	5376
2018	September	1006	1012	1865	972	4855
2018	October	1310	1014	1937	733	4994
2018	November	819	1021	1515	664	4019
2018	December	777	2776	1348	553	5454
2019	January	1149	3038	1369	487	6043
2019	February	1686	3126	1638	609	7059
2019	March	1708	3167	1543	923	7341
TOTAL		13002	20201	17665	8083	58951

(iii) Statistics of AYUSH, AIIMS BBSR from April 2018 - March, 2019

Year	Month	Ayurveda	Yoga	TOTAL
2018	April	301	882	1183
2018	May	350	1033	1383
2018	June	307	830	1137
2018	July	307	1018	1325
2018	August	345	941	1286
2018	September	320	719	1039
2018	October	327	842	1169
2018	November	278	865	1143
2018	December	200	894	1094
2019	January	350	1190	1540
2019	February	275	1100	1375
2019	March	344	996	1340
TOTAL		3704	11310	15014

(iv) Physiotherapy & Executive Health Check-up Statistics from April 2018 - March, 2019

Year	Month	Physiotherapy	Executive Health Check-up
2018	April	1183	30
2018	May	1340	41
2018	June	1068	27
2018	July	1227	23
2018	August	1640	30
2018	September	1665	28
2018	October	1725	30
2018	November	1737	28
2018	December	1651	29
2019	January	1795	45
2019	February	1759	36
2019	March	1921	32
TOTAL		18711	379

(v) Free Patient Treatment Statistics from April 2018 - March, 2019

Year	Month	BPL	Low Income
2018	April	1954	27
2018	May	2531	13
2018	June	2348	15
2018	July	3031	14
2018	August	2707	11
2018	September	2648	18
2018	October	2714	14
2018	November	2820	22
2018	December	2747	18
2019	January	3095	25
2019	February	3968	17
2019	March	3076	15
TOTAL		33639	209

(vi) Day Care Chemotherapy Statistics from April 2018 - March, 2019

Year	Month	Radiotherapy	Medical Oncology	Total
2018	April	350	269	619
2018	May	492	281	773
2018	June	441	269	710
2018	July	261	505	766
2018	August	502	543	1045
2018	September	463	606	1069
2018	October	483	600	1083
2018	November	465	552	1017
2018	December	457	1369	1826
2019	January	506	671	1177
2019	February	485	579	1064
2019	March	657	437	1094
TOTAL		5562	6681	12243

b. In patient Department (IPD): -

(i) IPD Statistics (Admission) from April 2018 - March, 2019

Year	Month	IPD
2018	April	1554
2018	May	1612
2018	June	1505
2018	July	1583
2018	August	1570
2018	September	1611
2018	October	1683
2018	November	1691
2018	December	1703
2019	January	1892
2019	February	1814
2019	March	1961
TOTAL		20179

(ii) Hospital Utilization Statistics from April 2018 - March, 2019

Year	Month	Bed Occupancy Rate	Bed Turnover Rate	Average Length of Stay
2018	April	89.69	3.44	7.83
2018	May	88.60	3.41	8.05
2018	June	90.74	3.32	8.20
2018	July	91.70	3.19	9.00
2018	August	87.33	3.13	8.66
2018	September	84.50	2.87	8.84
2018	October	84.69	2.59	9.15
2018	November	78.73	2.59	9.28
2018	December	75.61	2.45	9.56
2019	January	82.60	2.57	9.68
2019	February	83.96	2.53	9.28
2019	March	82.93	2.71	9.39

(iii) OT Statistics from April 2018 - March, 2019

Year	Month	Major Surgery	Minor Surgery	Total
2018	April	537	353	890
2018	May	573	460	1033
2018	June	513	418	931
2018	July	592	397	989
2018	August	572	385	957
2018	September	506	361	867
2018	October	538	354	892
2018	November	575	345	920
2018	December	537	354	891
2019	January	645	351	996
2019	February	586	387	973
2019	March	599	395	994
TOTAL		6773	4560	11333

(iv) Births from April 2018 - March, 2019

Year	Month	NVD	LSCS	TOTAL
2018	April	22	39	61
2018	May	14	47	61
2018	June	17	37	54
2018	July	26	57	83
2018	August	22	60	82
2018	September	22	58	80
2018	October	24	51	75
2018	November	39	60	99
2018	December	38	57	95
2019	January	32	54	86
2019	February	22	43	65
2019	March	19	54	73
TOTAL		297	617	914

(v) Blood Bank Statistics from April 2018 - March, 2019

Year	Month	Collection	Issued
2018	April	430	451
2018	May	470	484
2018	June	477	397
2018	July	412	444
2018	August	417	426
2018	September	504	434
2018	October	487	739
2018	November	460	815
2018	December	444	855
2019	January	612	1026
2019	February	635	1158
2019	March	577	1163
TOTAL		5925	8392

(vi) Intensive Care Admissions from April 2018 - March, 2019

Year	Month	MICU	NICU	SICU	PICU
2018	April	75	18	116	14
2018	May	104	15	96	12
2018	June	86	15	106	06
2018	July	90	24	115	13
2018	August	84	28	96	21
2018	September	86	20	83	06
2018	October	103	18	93	10
2018	November	78	19	88	15
2018	December	74	22	78	16
2019	January	90	19	90	18
2019	February	76	16	77	12
2019	March	67	19	76	11
TOTAL		1013	233	1114	154

c. Diagnostics: -

(i) Central Laboratory Statistics from April 2018 - March, 2019

Year	Month	Biochemistry	Microbiology	Pathology
2018	April	76472	12259	18113
2018	May	85584	13036	19225
2018	June	77720	11818	18096
2018	July	82783	11846	20267
2018	August	83898	10891	20654
2018	September	78957	11697	20333
2018	October	86701	14167	22160
2018	November	83234	13808	21590
2018	December	83930	13595	21818
2019	January	92076	12698	24453
2019	February	93614	12844	23421
2019	March	99854	15245	26082
TOTAL		1024823	153904	256212

(ii) Radio-diagnosis Statistics from April 2018 - March, 2019

Year	Month	MRI	CT Scan	Digital X-ray	USG	Mammography	CT Angiography
2018	April	333	1982	6572	614	35	25
2018	May	321	2123	7207	636	41	34
2018	June	327	1760	6072	502	44	20
2018	July	384	1944	6572	597	41	27
2018	August	437	1947	6238	1029	54	35
2018	September	418	1895	5859	1125	57	21
2018	October	453	2165	6213	1114	57	18
2018	November	458	2296	5601	1196	63	23
2018	December	451	2244	6281	1363	50	21
2019	January	479	2529	6899	1471	54	24
2019	February	497	2337	6889	2702	68	40
2019	March	508	2433	7717	1463	63	43
TOTAL		5066	25655	78120	13812	627	331

(iii) Various Procedures Statistics from April 2018 - March, 2019

Year	Month	Endoscopy	Bronchoscopy	Laryngoscopy	ECHO	ECG	Cath lab
2018	April	217	22	328	881	2429	65
2018	May	126	37	344	1016	2743	80
2018	June	191	24	341	661	1023	71
2018	July	205	25	225	859	997	47
2018	August	187	40	339	799	1115	67
2018	September	241	36	323	767	1146	61
2018	October	241	45	328	781	1116	12
2018	November	241	34	314	708	1850	0
2018	December	275	38	343	598	1977	0
2019	January	307	43	334	778	2492	0
2019	February	301	35	315	918	2521	0
2019	March	244	35	467	940	2726	0
TOTAL		2776	414	4001	9706	22135	403

d. Emergency Medicine Consultation:

Year	Month	Emergency
2018	April	2062
2018	May	2109
2018	June	2130
2018	July	2123
2018	August	2426
2018	September	2580
2018	October	2677
2018	November	2684
2018	December	2646
2019	January	2888
2019	February	2786
2019	March	3043
TOTAL		30154

OTHER SERVICES

a. Essential Services:

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

b. Support Services:

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

c. Utility Services:

- Hospital Store
- Mortuary
- Dietary Services
- Maintenance Services
- Hospital Security
- 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
- Swachhata Pakhwada
- World Mental Health Day
- World Oral Hygiene Day
- Anti-Tobacco Day
- World Malaria Day
- World Vitiligo Day

f. Schemes:

- Scheme Started: RBSK
- Schemes to be start: BSKY, Smile Train, Ayushman Bharat.

g. Speciality and Super-speciality Clinics:

Speciality	Super-Speciality
General Medicine	Cardiology
General Surgery	Cardiothoracic and Vascular Surgery
Obstetrics & Gynaecology	Gastroenterology
Orthopaedics	Nephrology
Paediatrics	Urology
Dermatology & STD	Neurology
Oto-Rhinolaryngology (ENT)	Neurosurgery
Ophthalmology	Medical Oncology & Haematology
Radio-diagnosis & Imaging	Surgical Oncology
Radiotherapy	Endocrinology & metabolic diseases
Anaesthesiology	Paediatric Surgery
Transfusion Med. & Blood Bank	Burns and Plastic Surgery
Psychiatry	Pulmonary medicine & critical care
Nuclear Medicine	Neonatology
Dentistry	
Community Medicine & Family Medicine	

h. Facilities Available:

- 24 x 7 Emergency with Triage Facility
- Free Treatment to BPL Patients
- Operation Theatres- 08
- MICU- 17
- NICU- 09
- SICU- 08
- PICU- 02
- Central laboratory ((Biochemistry, Microbiology. Pathology & Haematology)
- Oncology Day-care
- Blood Bank
- Private Cabins- 48
- Battery operated carts for transport of Senior Citizens, Pregnant Ladies, Physically Challenged
- 24 x 7 cash counter,Audiometry and Speech Language pathology,Central registration counter with e-hospital & separate provision for senior citizens, female and physically challenged
- 24 x 7 pharmacy store with 63.5% discount
- Digital x-ray
- High resolution ultrasound
- CT Scan- 64 slice
- CT scan- 256 slice
- MRI- 1.5 Tesla
- Mammography
- DSA (Digital Subtraction Angiography)
- Endoscopy
- Bronchoscopy
- Laryngoscopy



ANESTHESIOLOGY

ANESTHESIOLOGY

FACULTY

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

HIGHLIGHTS

The Department of Anesthesiology and Critical Care is officially functional since 2013. The department presently has 13 regular faculty members. The key highlight of the department has been co-ordinating and planning the execution of the modular operating theatres and the gas pipeline systems in the last year. Besides this, the faculty members were involved in various quality initiatives in 2018-19 like AIIMS Bhubaneswar Quality Council and comprehensive training programme on palliative care sponsored by Asia Pacific Hospice Network (APHN) in collaboration with AIIMS, New Delhi in February, 2019. Besides this Faculty of the department were invited as experts to participate in the meeting for revision of Life Saving Anesthesia Skills (LSAS) training curriculum for MBBS doctors working in peripheral hospitals in May and June, 2018.

EDUCATION

At present the department is involved in post-graduate (MD Anesthesiology and Critical care, DM Neuroanesthesia, PDF Critical Care, PDF Cardiothoracic Anesthesia and PDF palliative Care), undergraduate (MBBS), B.Sc. (Hons.) Operation Theatre & Anaesthesia Technology, B.Sc. (Hons.) Nursing teaching and training. Presently six MD dissertations and several other research projects are going on. 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 voce exams. The department also regularly conducts workshops/CMEs as part of the educational initiatives.

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

Dr. Satyajee Misra, Additional Professor and Head

1. Attended Cardiac Critical Care Update at Chennai from 22nd to 24th June 2018 and delivered a lecture on "Perioperative inotrope preference: is there evidence for the preference?"
2. Attended 12th National and 3rd International Transesophageal echocardiography workshop at Narayana Hrudalaya, Bangalore from 24th to 26th August 2018 and delivered a lecture on Assessment of prosthetic valves.
3. Attended Indian Society of Anesthesiologists South Zone Conference (ISACON South Zone 2018) at Tirupati from 8th to 10th September 2018 and delivered a lecture on "Diastolic dysfunction- How does it affect plan of anesthesia?"
4. Organized the Basic and Advanced Life Support (BLS/ACLS) Workshop at AIIMS, Bhubaneswar on 21st Oct, 2018.
5. Attended 13th Indian Association of Cardiovascular and Thoracic Anesthesiologists (IACTA) Chennai Cardiac Anesthesia Update from 10th to 11th of November 2018 and delivered a lecture on "Perioperative high gradients after surgery: is it the valve or the patient?"
6. Attended Indian Association of Cardiovascular and Thoracic Anesthesiologists 22nd Annual National Conference (22nd IACTACON 2019) at Kolkata from 22nd to 24th February 2019 participated in Pro-Con Session: Deep hypothermia gives superior outcomes compared to moderate hypothermia with selective perfusion.
7. Organized AIIMS Bhubaneswar CME on Perioperative Echocardiography (ABC-ECHO, 1st edition) at AIIMS, Bhubaneswar on 24th March, 2019.

Dr. Sukdev Nayak, Professor

1. Attended World Pain Congress at Boston from 12th to 18th Sept, 2018 and presented a poster abstract on Opioid free Anaesthesia.
2. Attended National Cancer Grid meeting on Palliative care at Tata Memorial Hospital, Mumbai, from 17th to 19th Aug, 2018 as an invited speaker.
3. Attended CME conducted by Indian association of Anesthesiologists for Post-graduate training at Vizianagaram on 12th Aug, 2018 as a faculty.
4. Attended MCI Workshop on Morphine availability at IRCH, AIIMS, New Delhi from Aug 29th to 30th, 2018
5. Attended East Zone Anaesthesia Conference at Kolkata from Oct 6th to 7th, 2018 as Chairperson in a Session on Chronic Pain.
6. Attended National Anaesthesia Conference (ISACON) at Agra from Nov 25th to 29th, 2018 as an invited Speaker on "Chronic Pain" and Chaired: Plenary Session.

7. Attended International Conference on Yoga at Goa from Nov 12th to 13th, 2018 and chaired a session on Integration of AYUSH into Oncology therapy and panel discussion on Integrative therapy for palliative care.
8. Attended Post graduate assembly 2019- PG IMPACT at Vijayawada on January 6th, 2019 and Took the classes on Paediatric Anaesthesia and Anaesthesia in Cirrhosis.
9. Attended National Pain Conference at NIMHANS, Bangalore from Feb 1st to 3rd, 2019 and Chaired a session on Opioids epidemic vs tight Regulation
10. Attended International Palliative Care Conference at Kochi on 10th Feb, 2019 and chaired a session on Opioids in Oncology

Dr. Swagata Tripathy, Associate Professor

1. Attended "Critical Care Update 2018" on 15th July, 2018 at Kolkata and delivered a lecture titled "Nutrition Guidelines in Critical Care".
2. Attended "East Zone Critical Care Conference 2018" on 18th August, 2018 at Jamshedpur and delivered a lecture titled "Weaning Failure – How I Manage".
3. Attended "PNS and USG guided nerve block course – Hands on 2018" on 29th September, 2018 at Bhubaneswar and delivered a lecture titled "peripheral nerve block in anticoagulated patient is safe".
4. Attended first PGIMR academic alumni meet from 10th to 11st October, 2018 and delivered a lecture on "Intensive Care Associated Mental Health Disorders".
5. Attended Indian Society of Anesthesiology conference 2018 from 25th to 29th November, 2018 at Agra and delivered a lecture titled "Infection control in ICU", presented a paper titled "Opioid free anesthesia for breast surgeries, A comparisons of 2 techniques – RCT", conducted workshop on Hemodynamics monitoring as a faculty.
6. Attended 1st National Seminar on "Safety and Quality in Health Care" held at AIIMS, Bhubaneswar on 8th Dec, 2018.
7. Attended Criticare 2019 held in Mumbai from 1st to 3rd Feb, 2019 and delivered a lecture titled "Intensive Care Associated Mental health Disorders" ; received 'Best paper award'
8. Attended National Anesthesia Conference, Myanmar from 6th to 9th February, 2019 at Yangon and participated as a trainer for the International trauma training course.
8. Attended AIIMS Bhubaneswar CME on Perioperative Echocardiography (ABC–ECHO, 1st edition) at AIIMS, Bhubaneswar on 24th March, 2019.
9. Attended Faculty Development Programme on Assessment organized by Medical Education Unit, AIIMS, Bhubaneswar on 29-30th Mar, 2019.

Dr. P. Bhaskar Rao, Associate Professor

1. Attended and delivered a lecture on cancer pain management organised by Department of Anaesthesiology, Acharya Harihar Research and Cancer Centre, Cuttack on 9th June 2018.
2. Attended as a faculty for total hip replacement workshop organised by the Department of Orthopaedics, AIIMS, Bhubaneswar on 7th July 2018.
3. Attended 2nd National Workshop on R for basic biostatistics organised by Department of Pharmacology, AIIMS, Bhubaneswar on 25th to 27th July, 2018.
4. Attended and participated as faculty in Basic Life Support (BLS) Workshop at AIIMS, Bhubaneswar on 13th Aug 2018.
5. Attended and delivered a lecture on “antifungal lock therapy” at Hotel New Marion organized by Indian society of anaesthesiologists, Bhubaneswar on 18th Aug 2018.
6. Attended and participated as faculty in Basic Life Support (BLS) Workshop at AIIMS, Bhubaneswar on 19th Aug 2018.
7. Attended and judged scientific papers presented by different delegates at Annual Anaesthesia state conference on 9th Nov 2018.
8. Attended Indian Association of Anesthesiologists east zone conference at Kolkata and delivered a lecture on “diabetes and emergency surgery” on 7th Oct 2018.
9. Attended the annual international conference on pain management at AIIMS, Jodhpur and delivered a lecture on “pre-emptive analgesia” on 28th to 31st Oct 2018.
10. Attended East Zone Postgraduate Assembly organised by Indian society of anaesthesiologists Odisha at SCB Medical College, Cuttack and delivered lecture on “Anaesthetic management of post burn contracture and difficult airway” and also conducted a workshop on mechanical ventilation on 9-11th Nov, 2018.
11. Attended 1st National Seminar on “Safety and Quality in Health Care” held at AIIMS, Bhubaneswar on 8th Dec, 2018.
12. Attended AIIMS Bhubaneswar CME on Perioperative Echocardiography (ABC–ECHO, 1st edition) at AIIMS, Bhubaneswar on 24th March, 2019.
13. Attended Faculty Development Programme on Assessment organized by Medical Education Unit, AIIMS, Bhubaneswar on 29-30th Mar, 2019.

Dr. Neha Singh, Associate Professor

1. Attended 2nd National Workshop on R for basic biostatistics organised by Department of Pharmacology, AIIMS, Bhubaneswar on 25th to 27th July, 2018.
2. Organised Basic Life Support Workshop 2018 for WISSEN2018 at AIIMS, Bhubaneswar from 19th to 21st Aug, 2018.

3. Attended 9th National Airway Conference at Kolkata on 7th to 9th Sept, 2018 delivered a lecture on "Airway Management in children with craniofacial anomalies" and conducted Videolaryngoscopy workshop and delivered a talk on "Understanding the video laryngoscopes: Design and physics".
4. Attended AAGBI (Association of Anaesthetists of Great Britain and Ireland) Annual Congress at Dublin, Ireland from 26th- 29th Sept. 2018 and presented a paper titled "Oropharyngeal Volume as a predictor of difficult laryngoscopy: A Pilot study" in original research category and "Ultrasound guided quadratus lumborum block for post-operative analgesia in total laparoscopic hysterectomy" in case report category.
5. Attended "PNS and USG guided nerve block course – Hands on 2018" in September, 2018 at Bhubaneswar on 30th September and delivered a talk on " CON- Regional Anaesthesia has significantly improved outcome for Orthopaedics and Thoracic Surgeries."
6. Attended RHINOCON 2018 held at AIIMS, Bhubaneswar from 4-7th Oct, 2018 and participated as a resource faculty for live workshop.
7. Attended East Zone PG assembly 2018 organised by ISA Odisha and SCB Medical College, Cuttack, Odisha from 9th to 11th Nov, 2018 and delivered lecture on "Anaesthetic management of Fracture both bone forearm and Colles fracture".
8. Attended Indian Society of Anaesthesiologists Conference (ISACON) 2018 held at Agra, from 25-29th Nov, 2018 and participated as an expert in the panel discussion on "Exploring new frontiers in perioperative care of Cancer patients" and in the workshop on USG Guided Regional Anaesthesia Workshop.
9. Attended 1st National Seminar on "Safety and Quality in Health Care" held at AIIMS, Bhubaneswar on 8th Dec, 2018.
10. Attended AOIBBICON 2019- An International update on Laryngotracheal Surgeries at IMS and SUM Hospital, SOA University, Bhubaneswar from 15th to 17th Mar. 2019 and participated as an expert in the panel discussion on Laryngotracheal Stenosis and its Management.
11. Attended Sensitization Workshop on Mentorship organized by AIIMS, Bhubaneswar on 2nd Mar. 2019.
12. Attended AIIMS Bhubaneswar CME on Perioperative Echocardiography (ABC–ECHO, 1st edition) at AIIMS, Bhubaneswar on 24th March, 2019.
13. Attended Faculty Development Programme on Assessment organized by Medical Education Unit, AIIMS, Bhubaneswar on 29-30th Mar, 2019.

Dr. Jayanta Kumar Mitra, Associate Professor

1. Attended Research society of Anaesthesiology Clinical Pharmacology zonal conference at Kolkata on 5th August, 2018 and delivered a lecture titled "Airway management outside operating room".

2. Attended 9th Annual National Airway Conference of All India Difficult Airway Association (NAC-2018) at Kolkata, West Bengal from 7th to 9th Sept, 2018 and delivered a lecture titled "The collapsed Airway".
3. Attended Indian Association of Anesthesiologists East Zone conference at Kolkata from 6th to 7th Oct, 2018 and participated as a panelist in the sepsis panel.
4. Attended Indian Association of Anesthesiologists East Zone post-graduate Assembly, 2018 from 9th -11th Nov, 2018 at SCB Medical College, Cuttack and delivered a lecture titled "Anesthesia for cardiac patient undergoing non cardiac surgery" and also participated as a faculty in the Airway and Ventilation Workshop.

Dr. Bikram Kishore Behera

1. Attended 9th Annual National Airway Conference of All India Difficult Airway Association (NAC-2018) at Kolkata, West Bengal from 7th to 9th Sept, 2018.
2. Attended and participated as faculty in Basic and Advanced Life Support (BLS/ACLS) Workshop at AIIMS, Bhubaneswar on 21st Oct, 2018.
3. Attended 1st Odisha Annual Critical Conference at Bhubaneswar from 10th to 11th Nov, 2018.
4. Attended National Seminar on Patient Safety and Quality, organised by Department of Hospital Administration, AIIMS, Bhubaneswar on 8th December 2018.
5. Attended CME and Hands on Training on Extra Corporeal Membrane Oxygenation (ECMO) at KIMS, Bhubaneswar on 22nd Jan, 2019.
6. Attended CME on Many Birth Defects, One Voice, conducted by AIIMS, Bhubaneswar Stillbirths and Birth Defect Surveillance Cell on 12th March, 2019.
7. Organized AIIMS Bhubaneswar CME on Perioperative Echocardiography (ABC-ECHO, 1st edition) at AIIMS, Bhubaneswar on 24th March, 2019.

Dr. Sritam Swarup Jena

1. Attended 6th annual Medanta Neurocritical Care update (MNCC-2018) at Gurugram from 31st August to 2nd September, 2018 and participated in ENLS workshop.
2. Attended "PNS and USG guided nerve block course – Hands on 2018" in September, 2018 at Bhubaneswar from 29th to 30th September, 2018.
3. Attended National Seminar on Patient Safety and Quality at AIIMS, Bhubaneswar on 8th Dec, 2018.
4. Attended "2nd conference and 3rd Indian course on Intraoperative neuromonitoring in Neurosurgery" at Hyderabad from 14th to 15th March, 2019.
5. Attended AIIMS Bhubaneswar CME on Perioperative Echocardiography (ABC-ECHO, 1st edition) at AIIMS, Bhubaneswar on 24th March, 2019.

Dr. Aparajita Panda

1. Attended ISACON ODISHA 2018- 47th Annual Conference of Indian Society of Anaesthesiology Odisha State Branch held at Rourkela from 7th to 9th September, 2018.

Dr. Alok Kumar Sahoo

1. Attended National Airway Conference 2018, by All India Difficult Airway Society from 7th – 9th Sept, 2018 at Kolkata and participated in workshop on airway ultrasound and lung isolation technique.
2. Attended and participated as faculty in Basic and Advanced Life Support (BLS/ACLS) Workshop at AIIMS, Bhubaneswar on 21st Oct, 2018.
3. Attended 1st Odisha annual critical care conference (OACON2018) at Bhubaneswar from 10th – 11th Nov, 2018 and conducted “workshop on haemodynamic monitoring”
4. Attended the workshop on Medical Audit at ABQC program by the institutional quality control committee at AIIMS, Bhubaneswar from 8th to 9th Dec, 2018.
5. Attended 1st KIIMS ECMO workshop & hands on training and CME at Bhubaneswar on 22.01.2019.
6. Attended CRITICARE 2019, at Mumbai from 1st to 3rd Feb, 2019 and presented a poster titled “Prone ventilation in a patient having floating sternum with ARDS”.
7. Attended AIIMS Bhubaneswar CME on Perioperative Echocardiography (ABC–ECHO, 1st edition) at AIIMS, Bhubaneswar on 24th March, 2019.

Dr. Suma Rabab Ahmad

1. Attended “KIMS 1st Critical Care Update 2018” at Bhubaneswar on 2nd June, 2018.
2. Attended “NIMHANS Brain Monitoring Workshop” at NIMHANS, Bengaluru on 21st and 22nd July, 2018.
3. Attended “PNS and USG guided nerve block course – Hands on 2018” at Bhubaneswar from 29th to 30th September, 2018.
4. Attended 1st Odisha annual critical care conference (OACON2018) at Bhubaneswar from 10th to 11th Nov, 2018.
5. Attended National Seminar on Patient Safety and Quality at AIIMS, Bhubaneswar on 8th Dec, 2018.
6. Attended CME on Perioperative Echocardiography (ABC –ECHO, First Edition) at AIIMS, Bhubaneswar on 24th Mar, 2019.

Dr. Prasanta Kumar Das

1. Attended 1st Odisha annual critical care conference (OACON2018) at Bhubaneswar from 10th to 11th Nov, 2018.
2. Attended National Seminar on Patient Safety and Quality at AIIMS, Bhubaneswar on 8th Dec, 2018.

RESEARCH

Funded Projects:

Ongoing:

1. Title of the project - Intensive Care Associated Mental Health outcome (ICMO) A prospective study in Indian Population
Name of the principal investigator – Dr. Swagata Tripathy
Funding agency: ICMR, Duration – 3 years, Start year: 2016, Funds: Rs. 1900000
IEC approval number: IEC/AIIMS/2013/11/07/03
2. Title of the project - Efficacy of a sub-anesthetic dose of iv ketamine vs caudal epidural with bupivacaine for analgesia in children undergoing infra-umbilical surgery under general anesthesia
Name of the principal investigator – Dr. Alok Kumar Sahoo
Funding agency: AIIMS Bhubaneswar, Duration – 1.5years, start year: 2018 Funds: Rs. 370000,
IEC approval number: T/IM-F/17-18/16
3. 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, start year: 2019, Funds: Rs.4,94,674/-,
IEC approval number: T/IM-F/18-19/42
4. 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: 1 yr start year: 2018, Funds: Rs.150000/-
IEC approval number: IMF/10/2018
5. Title of the project: Effect of high inspired oxygen concentration on postoperative nausea and vomiting (PONV) in pediatric patients undergoing surgery.
Name of the principal investigator: Dr. Bikram Kishore Behera
Funding agency: AIIMS, Bhubaneswar, Duration, start year: 2018, Funds: Rs.4,00,000/-
IEC approval number:T/IM-F/17-18/15
6. Title of the project: Effect of combination of N-acetylcystine 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: Rs. 3,58,800/-
IEC Approval No: T/IM-F/18-19/03

Completed:

1. Title of the project – Opioid free anaesthesia for breast surgery under PECS block
Name of the principal investigator – Dr. Swagata Tripathy
Funding agency: AIIMS, Bhubaneswar, Duration, start year: 2017-19, Funds: Rs. 90000/-
IEC approval number: AIIMS/BBSR/RC/2016/53
2. Title: Effect of subanaesthetic 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.
Name of the principal investigator: Dr. Neha Singh
Funding agency: AIIMS, Bhubaneswar, Duration, start year: One year, 2018 Funds: Rs. 4 Lakhs
IEC approval number: T/IM-F/17-18/40
3. Title: Effect of pre-emptive epidural analgesia on postoperative pain score and analgesic requirement in patients undergoing bilateral knee replacement surgery.
Name of the principal investigator: Dr.P. Bhaskar Rao
Funding agency: AIIMS, Bhubaneswar, Duration 2 years, Start year: 2017, Funds: Rs. 2 lakhs
IEC approval number: T/IM-F/Anaesth/15/08

Departmental:

Ongoing:

1. Title of the project: Nasogastric tube insertion using four different methods in patients with double-lumen endotracheal tubes: A prospective randomized trial.
Name of the principal investigator: Dr Satyajeet Misra
Funding agency: Non-funded, Duration, start year: 2018
IEC approval number: T/IM-NF/ Anaesth/18/16
2. Title of the project - Effect of preoperative dexmedetomidine nebulization on hemodynamic response to laryngoscopy and intubation: placebo controlled randomized trial.
Name of the principal investigator: Dr. Satyajeet Misra
Funding agency: Non-funded, Duration, start year: 2019
IEC approval number: T/IM-NF/Anaesth/18/44
3. Title of the project - Families Experience of an ICU Diary in the Indian ICU- a Qualitative Study.
Name of the principal investigator: Dr. Swagata Tripathy
Funding agency: Non-funded, Duration, start year: 2019
IEC approval number: T/IM-NF/Anaesth/18/50
4. Title of the project. Parental Anxiety, whose children undergoing surgery, an observational study.

Name of the principal investigator - Dr Alok Kumar Sahoo

Funding agency: NA, Duration - 3 years, start year:2018,

IEC approval number- T/IM-NF/Anaesth/18/42

5. Title of the project: The effect of different anaesthesia techniques combination on surgical stress and inflammatory markers in patients undergoing laparoscopic abdominal surgery.

Name of the principal investigator: Dr. Neha Singh

Funding agency: NA Duration: 6 months, start year: 2019

IEC approval number: T/IM-NF/Anaesth/18/65

6. Title of the project: Comparison of either alone or a combination of ultrasound guided anterior and posterior quadratus lumborum block in laparoscopic abdominal surgeries: A Randomised Controlled trial.

Name of the principal investigator: Dr. Neha Singh

Funding agency: NA Duration: 1 year, start year: 2019

IEC approval number: T/IM-NF/Anaesth/18/71

7. 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

Funding agency: NA, Duration, start year: 2019

IEC approval number: T/IM-NF/Anaesth/18/60

8. Title of the project: Development and validation of an institutional surgical safety check list

Name of the principal investigator: Dr. Jayanta Kumar Mitra

Funding agency: NA, Duration: 1 year, Start Year:2019

IEC approval number: T/IM-NF/Anaesth/18/68

9. Title: Enhanced recovery after surgery in elective craniotomies – A non-randomized control trial. (PG thesis)

Name of the principal investigator: Dr Anirudh Elayat

Funding agency: Not applicable; duration- 2 years, start year: 2017

IEC approval number: IEC/AIIMS BBSR/PG thesis/ 2017 – 18/18

10. Title: Effect of Sub-anesthetic dose of ketamine on post-operative pain control in patient undergoing modified radical mastectomy (PG thesis)

Name of the principal investigator: Dr. B. Mohan Naik (PG student)

Funding agency: Not applicable; duration- 2 years, start year: 2017

IEC approval number: IEC/AIIMS BBSR/PG thesis/ 2017 – 18/20

11. Title: Preoperative CRP albumin ratio as a predictor of postoperative mechanical ventilation in patients undergoing non-cardiac surgery under general anaesthesia (PG thesis)
Name of the principal investigator: Dr Vaishakh Tharavath
Funding agency: Not applicable; duration- 2 years, start year: 2018
IEC approval number: IEC/AIIMS BBSR/PG thesis/ 2017 – 18/ 30
12. Title: The effect of low dose Ketamine vs Dexmedetomidine infusions on recovery profiles in patients undergoing GI malignancy surgeries (PG thesis)
Name of the principal investigator: Dr.Sabari Karthick (PG student)
Funding agency: Not applicable; duration- 2 years, start year: 2018
IEC approval number: IEC/AIIMS BBSR/PG thesis/2017-18/33
13. Title: DCO₂ (Central venous to arterial CO₂ difference) assisted goal directed hemodynamic management during major surgery – a randomized control trial (PG thesis)
Name of the principal investigator: Dr.Lohith Kumar H N (PG student)
Funding agency: Not applicable; duration- 2 years, start year: 2018
IEC approval number: IEC/AIIMS BBSR/PG thesis/ 2018 – 19/07
14. Title: A prospective, randomized, placebo-controlled, double-blinded clinical trial to evaluate the effects of ipsilateral Erector Spinae Plane block (ESP block) on the post-operative pain scores and opioid consumption in adult patients undergoing Percutaneous Nephrolithotomy (PCNL) in a tertiary care hospital.(PG thesis)
Name of the principal investigator: Dr.Satyaki Sarkar
Funding agency: Not applicable; duration- 2 years, start year: 2019
IEC approval number: IEC/AIIMS BBSR/PG thesis/2018-19/39

Completed:

1. Title of the project: Oropharyngeal Volume as a predictor of difficult airway: An observational study.
Name of the principal investigator: Dr. Neha Singh
Funding agency: Not Applicable Duration: 1 year, start year: 2017
IEC approval number: T/IM-NF/Anaesth/17/04
2. Title of the project: Information leaflet as tool in improving the awareness regarding anaesthesia in preoperative patients. An Observational study.
Name of the principal investigator: Dr. Neha Singh
Funding agency: Not Applicable Duration- 1 year, start year: 2017
IEC approval number: T/IM-NF/Anaesth/17/02
3. Title: Comparison of Macintosh, McCoy and Tru view laryngoscope for bougie aided nasotracheal intubation in patients posted for head and neck surgeries.

Name of the principal investigator: Dr. Neha Singh

Funding agency: Not Applicable, Duration- 1 year, start year: 2017

IEC approval number: T/IM-NF/Anaesth/17/09

4. Title: Translation and validation of Fremantle back awareness questionnaire in Indian population.

Name of the principal investigator: Dr.P. Bhaskar Rao

Funding agency: Not Applicable; Duration- 6 months, Start year: 2018

IEC approval number: T/IM-NF/Anaesth/17/10 (Dated 30/08/2017)

Collaborative projects:

Ongoing:

None

Completed:

1. Title of the project - Decubitus in Intensive Care Units

Name of the principal investigator – Dr. Swagata Tripathy

Funding agency: European Society of Intensive Care Medicine,

Funds: Nil, IEC approval number: T/IM-NF/Anaesth/18/08

PUBLICATIONS

A. LIST OF PAPERS PUBLISHED IN JOURNALS

1. Misra S, Behera BK, Mohanty MK et al. Diagnosis of inadvertent oesophageal intubation with H-type tracheo-oesophageal fistula. *Br J Anaesth* 2019;122: e70-71 PMID: 30857614
2. Behera BK, Misra S. In the plane, but not in plane: Mind the gap in transverse abdominis plane. *Indian J Anaesth* 2018; 62:565. PMID: 30078866
3. Behera BK, Misra S, Kar M. Severe angioedema of laryngeal inlet in a woman receiving Telmisartan therapy undergoing breast conservation surgery. *Indian J Anaesth* 2018; 62:393-95. PMID: 29910501
4. Misra S, Behera BK, Sahoo AK. Internal jaw thrust for nasogastric tube insertion. *Ind J Anaesth* 2018;62:911-3. PMID: 30532334
5. Tripathy S, Kar N. Preventing Mental Health Symptoms in Post ICU Patients and Their Family Members. *Crit Care Med* 2019 May;47:e429–e430. PMID: 30985465
6. Sahoo AK, Tripathy S, Singh SK Prone ventilation in a patient with severe ARDS having a floating sternum. *BMJ Case Rep* 2019;12(3).PMID: 30862672
7. Vincent JL, Jaschinski U, Wittebole X, Lefrant JY, Jakob SM, Almekhlafi GA, Pellis T, Tripathy S, Birri PN, Sakr Y. Worldwide audit of blood transfusion practice in critically ill patients. *CritCare* 2018;22:102. PMID: 29673409

8. Rao PB, Mangaraj M, Mahajan P, Tripathy S, Singh N, Mani T, Nayak S. The Carrico index is the parameter that guides the requirement of oxygen in the postoperative period in patients undergoing head and neck surgery under general anaesthesia: a cross-sectional study. *Rom J Anaesth Intensive Care* 2018;25:49-54. PMID: 29756063
9. Sahoo Alok Kumar, Sriramka B. Acute reversible ischemic stroke after snake bite. *Ind J Crit Care Med* 2018;22:611-612. PMID: 30186014
10. Singh S, Patnaik A, Sahu RN, Jena SS, Mohakud S, Purkait S. Rare case of meningeal tuberculoma mimicking meningioma in term pregnancy and its management. *SurgNeurol Int* 2018;9:178. PMID: 30221023
11. Mohanty CR, Ahmad SR. Drop in oxygen supply pressures: Misleading gas cylinder color coding to be blamed for nearing a mishap? *J Clin Anesth* 2018;50:46-47. PMID: 29979998
12. Ahmad SR, Mohanty CR, Elayat A. Under-dosing of drug due to inaccurate syringe markings: Vigilance and Quality control-the need of the hour. *J Clin Anesth* 2018;52:121. PMID: 30273921
13. Mohanty CR, Ahmad SR, Nayak BM, Raju RB. Breaking of airway exchange device during endotracheal intubation - An avoidable catastrophe. *J Clin Anesth* 2019;55:50-51. PMID: 30594681
14. Mohanty CR, Singh N, Mehta S, Das S. Point-of care ultrasound as an aid to upper esophageal foreign body removal. *Saudi J Anaesth* 2019;13:89-90. PMID: 30692902
15. Singh, N., Mohanty, C.R., P. Rao. Ambiguous pediatric endotracheal tube intubation depth markings: A need for standardization. *Korean J Anesthesiol.* 2019 Feb 19. PMID 30776877.

B. BOOKS

1. Sritam S Jena, Swagata Tripathy. *Pediatric Neurocritical Care*. In: Prabhakar H, ed., *Pediatric Neuroanesthesia*, San Diego: Academic Press, Elsevier, 2018
2. Swagata Tripathy. Section 9 Sepsis. In: Hemanshu Prabhakar, Zulfiqar Ali. Eds: *Textbook of Neuroanesthesia and Neurocritical Care: Vol 2* Springer 2018.
3. Alok Sahoo, Swagata Tripathy. Early Goal directed nutrition delivery. In: Todi S, Dixit D Eds. *Critical Care Update* 2019.
4. Swagata Tripathy, Suma Rabab Ahmad. *Acute Neuro Care: Focussed approach to Neuro-Emergencies*, Neuropharmacology chapter. Editors: Prasanna Udipi Bidkar, Ponniah V
5. Nitasha Mishra. Trigeminal Neuralgia in Multiple Sclerosis. In: Rath G.(eds) *Handbook of Trigeminal Neuralgia*. Springer, Singapore, 2019
6. P. Bhaskar Rao, Neha Singh, Rahul Dutta. Chapter 13. Mechanical ventilation in cardiac surgery. In: Antonio M Esquinas Ed, *Applications technologies and ethical issues*. Nova science publishers. 2018

PATIENT CARE / HOSPITAL SERVICES

The department of Anesthesia & Critical care provides anesthesia services to all broad speciality and super speciality surgical departments, both for elective as well as emergency cases. In addition, the department also runs two intensive care units, an 8-bedded surgical ICU and a 17-bedded medical

ICU. Out patient department clinics consists of pre-anesthesia check-up clinic, pain and palliative care clinics which are run from Mondays to Fridays. Anesthesia services are also provided for MRI, electroconvulsive therapy, and radiotherapy on a daily basis. In patient palliative care services as well as services for patients coming with acute and chronic pain are also provided. 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.

AWARDS, HONORS & SIGNIFICANT EVENTS

Basic and Advanced Life Support (BLS/ACLS) Workshop was conducted at AIIMS, Bhubaneswar on 21st Oct, 2018 on the occasion of the world anesthesia day. This was attended by the residents and nurses of the institute. The full day programme consisted of teaching presentations in the morning followed by simulation workshop in the post-lunch session. The simulators were high-end simulators brought specifically for the workshop by Laerdal Inc. The candidates indulged in role-play to create “real-life” scenarios so as to make the sense of participation immersive and actual.

Continued Medical Education (CME) on perioperative echocardiography (ABC of ECHO) was conducted on 24th March, 2019. The one day CME cum workshop was well attended by about 50 delegates from various parts of the State. The CME-cum- workshop consisted of podium presentations, case-based scenarios on various aspects of echocardiography. In the afternoon, hands-on workshop with both transthoracic as well as transesophageal echocardiography simulators was conducted for the delegates. The high point was 3D immersive virtual simulator wherein, participants could enter any cardiac chamber or blood vessels to understand the anatomy.



World Anaesthesia day celebration at Mini Auditorium



World Anaesthesia day celebration at Mini Auditorium



World Anaesthesia day celebration at Mini Auditorium



Photos of CME-cum-workshop on perioperative echocardiography conducted by the department on 24th March 2019



Photos of CME-cum-workshop on perioperative echocardiography conducted by the department on 24th March 2019



Photos of CME-cum-workshop on perioperative echocardiography conducted by the department on 24th March 2019



ANATOMY

ANATOMY

FACULTY

Dr. Manisha Rajanand Gaikwad	Additional Professor (HOD)
Dr. Pravash Ranjan Mishra	Additional Professor
Dr. Prabhas Ranjan Tripathy	Associate Professor
Dr. E.Tripati Patro	Associate Professor
Dr. Amit Purushottam Tirpude	Assistant Professor
Dr. Madhumita Patnaik	Assistant Professor
Dr. Sanjukta Sahoo	Assistant Professor

HIGHLIGHTS

The Department of Anatomy apart from the regular teaching and learning activities and research, has also carried out a voluntary body donation drive with help of Dr. Pravash Acharya, President of the NGO, Body and Organ Donation Initiative (BODI), on 21st May 2018 in the Director's conference room. One hundred and forty people had pledged to donate their bodies to our department for medical teaching and research. A cadaveric workshop on Functional endoscopic sinus surgery was organised in the department in association with the Department of ENT (Ear, Nose and Throat), AIIMS Bhubaneswar on 4th October 2018 and another advanced cadaveric workshop on pelvic-acetabular injuries and their management was organised with the Department of Orthopaedics, AIIMS, Bhubaneswar, on 29th March 2019. As a part of the Post Graduate training programme, the Immunohistochemistry Laboratory (IHC Lab) became functional on 20th June 2018.

EDUCATION

At present the Anatomy department is involved in teaching postgraduate (MD) undergraduate (MBBS), B.Sc. and M.Sc. (Nursing), B.Sc. (Hons) Paramedical Courses. The faculty and residents are involved in taking classes. The curriculum for the medical undergraduate course has been modified and the revised curriculum has been approved by the Board of studies of AIIMS, Bhubaneswar. Both formative and summative assessments are held periodically to evaluate the students and emphasis being placed on clinically oriented learning and acquisition of skills. The undergraduate medical students are taught about patient safety, teamwork and communication skills by organising talks, role play and innovative games and activities.

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

Dr. Manisha Rajanand Gaikwad

1. Participated in the National workshop on Statistical methods in Biomedical research from 4th to 6th April 2018 at National Institute of Occupational Health, Ahmedabad, Gujrat.

2. Attended the National workshop on Plastination on 9th June 2018 at Dept of Anatomy, Christian Medical College, Vellore, Tamil Nadu.
3. Faculty and Co-organizing Chairman for hands-on cadaveric workshop on temporal bone dissection and endoscopic sinus surgery at the 31st Annual Conference of All India Rhinology society on 4th Oct 2018 at All India Institute of Medical Sciences, Bhubaneswar, Odisha.
4. Attended the APICA, 8th Asia Pacific International Congress of Anatomists conference held from 28th to 31st Oct 2018 at Busan, Korea and presented a poster at the same conference.
5. Attended the National Seminar on Safety and Quality in Health care on 8th Dec 2018 organized by Department of Hospital Administration at All India Institute of Medical Sciences, Bhubaneswar, Odisha.
6. Delivered a talk on Anatomy of the Lymphatic system at CME and Workshop on Management of Lymphoedema organised by Department of Burns and Plastic surgery on 17th Jan 2019 at All India Institute of Medical Sciences, Bhubaneswar, Odisha.
7. Participated in the Pre-conference workshop on Modern Embalming Methods conducted by Department of Anatomy, Sri Ramachandra Medical College and Research Institute, Porur, Chennai, Tamil Nadu on 7th Feb 2019 and chaired a scientific session at the 8th Conference of Society of Clinical Anatomists (SOCA) held on 8th & 9th Feb 2019.
8. Participated in the CME on Development & Congenital Anomalies of the Gastro-Intestinal Tract at MEDINSPIRE 2019 An International Multidisciplinary Medical Summit On 15th Feb 2019 at Mumbai. She has also chaired the Hands-on Foetal dissection workshop conducted by Department of Anatomy at D Y Patil deemed to be University, Navi Mumbai, Maharashtra.
9. Attended the CME on Many Birth Defects, One Voice held at All India Institute of Medical Sciences, Bhubaneswar, Odisha on 12th Mar 2019.

Dr.Pravash Ranjan Mishra

1. Attended the 66th National Conference of Anatomical Society of India held from 12th to 14th November 2018 at AIIMS, Rishikesh. Presented a paper entitled "Cadaveric Workshop: Its Importance in Surgical Discipline."

Dr. Prabhas Ranjan Tripathy

1. Attended Rhinocon-2018, 31st Annual conference of All India Rhinology society at AIIMS Bhubaneswar from 4th -7th October 2018. Delivered a Lecture on Embryological basis of Paranasal Air Sinuses.
2. Conducted a session on Teaching Learning Media as a resource faculty in the "First Workshop on Augmentation of Teaching Skills for Senior Residents" held on 30th November & 01st December at AIIMS, Bhubaneswar.
3. Attended the National Seminar on Safety and Quality in Healthcare held on 8th December 2018, at AIIMS, Bhubaneswar.

4. Attended annual conference of the Anatomical Society of India Odisha state chapter-2018 on 23rd December 2018.
5. Attended the 66th National Conference of Anatomical Society of India held from 12th to 14th November 2018 at AIIMS, Rishikesh. Presented a paper titled Role of Yoga as an Adjunct Therapy to Conventional Treatment for Improving the Range Of Movements in Frozen Shoulder Patients.
6. Attended in CME on Stillbirths and Birth defects surveillance cell held on 12th March 2019 at AIIMS, Bhubaneswar. Delivered a Lecture on Management of Birth Defects through Rashtriya Bal Swasthya Karyakram (RBSK).
7. Attended the 3rd Annual Conference and Cadaveric Workshop of the Pelvic-Acetabular Surgeons held from 29th-31st March 2019 at AIIMS, Bhubaneswar.

Dr. E.Tripati Patro

1. Attended the 31st Annual Conference and Cadaveric Workshop of All India Rhinology Society held from 4th to 7th October 2018 at AIIMS, Bhubaneswar.
2. Attended the National Seminar on Safety and Quality in Healthcare held on 8th December 2018 at AIIMS, Bhubaneswar.
3. Attended CME on Stillbirths and Birth defects surveillance cell held on 12th March 2019 at AIIMS, Bhubaneswar.
4. Attended the 3rd Annual Conference and Cadaveric Workshop of the Pelvic-Acetabular Surgeons held from 29th-31st March 2019 at AIIMS, Bhubaneswar.

Dr. Amit PurushottamTirpude

1. Attended Rhinocon-2018, 31st Annual conference of All India Rhinology society at AIIMS, Bhubaneswar from 4th -7th October 2018. Delivered a Lecture on Anatomy of Nasal cavity.
2. Attended National seminar on patient safety and quality on 8th December 2018 at AIIMS, Bhubaneswar.
3. Attended the 31st Annual Conference of the Anatomical Society of India Odisha state chapter held on 23rd December 2018 at Institute of Medical Sciences and SUM Hospital, Bhubaneswar.
4. Attended CME & workshop on management of lymphoedema at AIIMS Bhubaneswar 17th January 2019.
5. Attended the 8th conference of the Society Of Clinical Anatomist (SOCA) on 8-9th February 2019 at Sri Ramachandra Medical College and Research Institute Chennai.
6. Attended CME on Stillbirths and Birth defects surveillance cell at AIIMS Bhubaneswar on 12th March 2019.
7. Participated in the faculty development program on Assessment on 29th-30th March 2019 at AIIMS Bhubaneswar.

8. Attended the 3rd Annual Conference and Cadaveric Workshop of the Pelvic-Acetabular Surgeons held from 29th-31st March 2019 at AIIMS, Bhubaneswar.

Dr.Madhumita Patnaik

1. Participated in the 2nd National Workshop on R for Basic Biostatistics held from 25th to 27th July 2018 at AIIMS, Bhubaneswar.
2. Attended the 66th National Conference of Anatomical Society of India held from 12th to 14th November 2018 at AIIMS, Rishikesh.
3. Presented a paper titled "The Effect of Long-term Practice of Mindfulness-Based Meditation on the Gray Matter Volume: A Systematic Review."
4. Attended the National Seminar on Safety and Quality in Healthcare held on 8th December 2018 at AIIMS, Bhubaneswar.
5. Attended the 31st Annual Conference of the Anatomical Society of India Odisha state chapter held on 23rd December 2018 at Institute of Medical Sciences and SUM Hospital, Bhubaneswar.
6. Attended CME and Workshop on Management of lymphedema held on 17th January 2019 in AIIMS, Bhubaneswar.
7. Attended the Workshop on Mentoring held on 2nd March 2019 at AIIMS, Bhubaneswar.
8. Attended CME Stillbirths and Birth defects surveillance cell on held on 12th March 2019 at AIIMS, Bhubaneswar.
9. Participated in the 3rd Annual Conference and Cadaveric Workshop of the Pelvic-Acetabular Surgeons held from 29th-31st March 2019 at AIIMS, Bhubaneswar.
10. Delivered a lecture on the topic "Blood Supply of the Femoral Head."

Dr. Sanjukta Sahoo

1. Attended the 31st Annual Conference and Cadaveric Workshop of All India Rhinology Society held from 4th to 7th October 2018 at AIIMS, Bhubaneswar.
2. Attended the National Seminar on Safety and Quality in Healthcare held on 8th December 2018 at AIIMS, Bhubaneswar.
3. Attended the 31st Annual Conference of the Anatomical Society of India Odisha state chapter held on 23rd December 2018 at Institute of Medical Sciences and SUM Hospital, Bhubaneswar.
4. Attended CME and Workshop on Management of lymphedema held on 17th January 2019 in AIIMS, Bhubaneswar.
5. Attended the Workshop on Mentoring held on 2nd March 2019 at AIIMS, Bhubaneswar.
6. Attended CME on Stillbirths and Birth defects surveillance cell held on 12th March 2019 at AIIMS, Bhubaneswar.

7. Attended the 3rd Annual Conference and Cadaveric Workshop of the Pelvic-Acetabular Surgeons held from 29th-31st March 2019 at AIIMS, Bhubaneswar.
8. Attended 2 days hands-on workshop on fluorescent in-situ hybridization (FISH) technique and clinical interpretation from 15th and 16th December 2018, organized by inDNA Life sciences Private Limited, Bhubaneswar, Odisha, India.

RESEARCH

Funded Projects:

Ongoing:

1. Title of the project: Histological changes of Pituitary Gland in Traumatic Brain Injury Cases: An autopsy-based study.
Name of the principal investigator: Dr. Prabhas Ranjan Tripathy
Funding agency: AIIMS, Bhubaneswar.
Duration: 1 Year
Start year: Feb 2019
Funds: Rs.50, 000/-
IEC approval number: IMF/26/2018

Completed:NIL

Departmental:

Ongoing:

1. Title of the project: Histogenesis of Human Foetal Liver with Special Histochemical and Selective Immunohistochemical Stains.
Name of the Principal Investigator: Dr. Anbarasan A
Funding Agency: Not Applicable
Duration, Start year: June 2017
Funds: Not Applicable
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. Arundhati Kar
Funding Agency: Not Applicable
Duration, Start year: June 2017
Funds: Not Applicable

IEC Approval Number: IEC/AIIMS BBSR/PG Thesis/2018-19/16

Completed: Thesis submitted

1. Title of the project: Age-Related Topographical Variations in Human Pancreatic Islet Morphology and β -Cell Population in Autopsy Specimens from AIIMS Bhubaneswar.

Name of the principal investigator: Dr.Praveen Kumar R

Funding agency: Indian Council of Medical Research.

Duration, start year: June 2017

Funds: Rs. Rs. 50,000/-

IEC approval number: IEC/AIIMS BBSR/PG Thesis/2017-18/22

PUBLICATIONS

1. Ravi PK, Tewari J, Mishra PR, Tripathy SK, Nanda SN, Gantaguru A. Variations of extensor pollicis brevis tendon in Indian population: A cadaveric study and review of literature. *J Clin Orthop Trauma* 2019; 10: 278–281. PMID:30828193 PMCID: PMC6383140 [Available on 2020-03-01] DOI: 10.1016/j.jcot.2018.02.008
2. Mantu Jain, Sudhanshu Sekhar Das, Sudarshan Behera, Amit Tirpude. Non-compressive postoperative cauda equina syndrome following decompression and transforaminal interbody fusion surgery. *BMJ Case Rep* 2018;11:e227219. doi:10.1136/bcr-2018-227219. PMID: 30567132
3. Mantu Jain, Chandrakanta Nayak, Barada Prasana Samal, Amit Tirpude. Kiloh-Nevin syndrome associated with humeral shaft fracture. *BMJ Case Rep* 2018. doi:10.1136/bcr-2018-226506. PMID: 30269094
4. Jain M, Tirpude A. Unusual Monteggia type 1 variant in adult: a rare finding in a rare fracture. *BMJ Case Rep* 2018. doi:10.1136/bcr-2018-226789. PMID: 30068582
5. Tirpude AP, Gaikwad MR, Tirpude P, Jain M, Bhoi S. Retrospective Analysis of prevalent anatomy spotter's examination: An educational audit. *Korean J Med Educ* 2019 Jun; 31(2): 115-124. PMID: 31230434. PMCID: PMC6589616 DOI: 10.3946/kjme.2019.123
6. Chaudhary B, Tripathy PR, Gaikwad MR. A large thymic mass with persistent active tissue in an elderly cadaver- A case report. *Anat Cell Biol* 2019; 52:93-96. PMID: 30984460 PMCID: PMC6449587 DOI: 10.5115/acb.2019.52.1.93
7. Jain M, Tripathy PR, Mohanty CR. Post-total knee arthroplasty herpes zoster activation. *BMJ Case Rep*. 2019 Apr 5;124. PMID: 30954963.
8. Jain M, Tripathy PR, Manik R, Tripathy S, Behera B, Barman A. Short term effect of yoga asana - An adjunct therapy to conventional treatment in frozen shoulder. *J Ayurveda Integr Med*. 2019 Mar 14. pii: S0975-9476(18)30654-5. PMID: 30878219

AWARDS, HONORS & SIGNIFICANT EVENT

Dr. Manisha R Gaikwad

1. Felicitated at the Rhinocon 2018, the 31st Annual conference of All India Rhinology society on 4th Oct 2018 at All India Institute of Medical Sciences, Bhubaneswar, Odisha.
2. Chief guest at the inauguration of the 3rd AOPAS (Association of Pelvic Acetabular Surgeons) Conference at Hotel Mayfair, Bhubaneswar on 29th Mar 2019 and as faculty conducted the Hands-on Advanced cadaveric workshop at Department of Anatomy, All India Institute of Medical Sciences, Bhubaneswar, Odisha.
3. Nominated to the Editorial board of Journal of Human Anatomy.



Body Donation Initiative organised by the NGO-BODI and Department of Anatomy, AIIMS, Bhubaneswar on 21st May 2018



Advanced Cadaveric Workshop on Pelvic-Acetabular injuries and their management was organised on 29th March 2019 in association with the Department of Orthopaedics



Faculties and residents of Department of Anatomy, participated in the Pre-conference workshop on Modern Embalming Methods conducted by Department of Anatomy, Sri Ramachandra Medical College and Research Institute, Porur, Chennai, Tamil Nadu on 7th Feb 2019.



Workshop on patient safety, team work and communication skills organised by Department of Anatomy



AYUSH

AYUSH

FACULTY

Dr. Prasanta Kuma Sahoo	Senior Medical Officer (Ayurveda)
Dr. Shailendra Kumar	Singh Medical Officer (Ayurveda)
Dr. Ajit Kumar Pradhan	Medical Officer (Ayurveda)
Dr. Rajesh Kumar Manik	Yoga Trainer

HIGHLIGHTS

The department of AYUSH is actively involved in patient care both OPD and IPD. In Ayurveda OPD patients are treated through medicines and in Yoga patients are trained through yogic exercises and lifestyle modifications along with some yogic procedures for ENT related disorders. Department is also involved in yogic counselling to the patients suffering from psychiatric problems. Apart from OPD patients care, the facility of out reach patients services to the different departments like Neurosurgery, CTVS, Psychiatry, cardiology also going on everyday. The students of MBBS and M.Sc Nursing also avail the facilities of yoga classes in our department.

EDUCATION

The department is involved in teaching the post graduate students of Nursing who are posted in our department for alternative therapy in different disorders.

PUBLICATIONS

Jain M, Manik R and et al Short -term effect of yogasana - An Adjunct Therapy to Conventional treatment in Frozen Shoulder, Journal of Ayurveda and Integrative Medicine 14 March 2019. PMID 30878219 ,DOI: 10.1016/ j. jaim.2018. 12.007

PATIENT CARE / HOSPITAL SERVICES

Both Ayurveda and Yoga OPD functioning every day except Sunday. Monthly around 300 patients in Ayurveda and around 900 in yoga coming for treatment. Apart from this the indoor patients are receiving yoga therapy session according their convenient time.

AWARDS, SIGNIFICANT EVENTS

This year International Yoga day was celebrated in the mini auditorium of Nursing College in a grand way. Faculty, staffs and students participated in this auspicious event. It was celebrated by Yogathan, Yoga Practices, plantation and spiritual discourse followed by lamp lighting and yogic cultural program in the hall.



International Yoga day celebration on 21st June,2018 at AIIMS Bhubaneswar



BIOCHEMISTRY

BIOCHEMISTRY

FACULTY

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

HIGHLIGHTS

The Department of Biochemistry, AIIMS, Bhubaneswar, is actively involved in teaching, patient care, research and other Institutional activities. The Department has received appreciation for quality of teaching and patient care by providing quality laboratory diagnostic services 24x7 to the patients. This year the Cell culture and Molecular Biology Laboratory along with flowcytometer have started functioning for Postgraduate training. In addition to the regular academic programs, the faculty are involved in guiding undergraduate students with ICMR-STs projects. And department has accepted project students from other government institutes from Odisha. Several intramural, extramural and collaborative research projects are being conducted in the Department and the research output are regularly being published in National and International Indexed Journals. Department Faculty significantly contribute as members of different committees like Institute Research Cell, Institute Ethics Committee, Scientific Advisory Committee, Examination cell, Medical Education Unit, Mentor Mentee, committee for Website maintenance, committee for Newsletter printing, Women's cell, Curriculum committee, Procurement committee etc. towards the growth and progress of this Institute.

EDUCATION

TEACHING PROGRAMMES: The department of Biochemistry is involved in teaching programs for undergraduate and postgraduate students. Undergraduate students include those in the MBBS, BSc nursing and Paramedical students on various allied health courses (like, BSc MLT, BSc OT & AT, BSc MTIT). Postgraduates were trained with MD course in Biochemistry.

Undergraduate Programmes: For MBBS students, in addition to didactic teaching, horizontal integration was also conducted for basic sciences and clinical medicine, along with small group discussions and case-based discussions to enable students to make clinical correlations with what they learn in biochemistry.

Postgraduate Programmes: The postgraduate training course in the department is the MD in Biochemistry (2 candidates per year). Currently, there are 7 MD candidates, with a scheduled 36 months course program, which encompasses the following broad areas:

1. General and medical biochemistry.
2. Diagnostic laboratory practices.
3. Training in General biochemistry techniques.
4. Training in Molecular Biology techniques.
5. Training in teaching of undergraduate students (medical, MLT and nursing).
6. Training in presentation of seminars.
7. Participation in journal clubs and research seminars (at intra- and inter-departmental levels).
8. Training in research, which consists of attendance at institutional workshops on research methodology and basics of biostatistics, writing of a research proposal for the MD dissertation, presentation of the proposal to the Institutional Review Board for funding, experimental work and writing up of dissertation for submission to the university and writing of a research paper based on the work done for purposes of publication.
9. Basics of medical education technology.

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

1. Dr. Manaswini Mangaraj attended National Seminar on Future India: Science & Technology, conducted by Indian Science Congress Association, Bhubaneswar chapter, from 1st to 2nd, Feb 2019 at KIITS, Bhubaneswar.
2. Dr. Manaswini Mangaraj attended Association of Medical Biochemist Conference, State Chapter from 12th to 13th Jan, 2019 at SCB Medical College, Cuttack.
3. Dr Suchanda Sahu attended 45th National Conference of Association of Clinical Biochemists of India- ACBICON 2018 from 24th to 27th October 2018, held at Kala Academy, Panjim, Goa, India. Presented faculty lecture Title: 'Exosomes in Cancer Diagnosis' in the symposium "Translating cancer genomics and proteomics to precision medicine".
4. Dr Suchanda Sahu attended National Seminar on Patient safety and Quality on 8th December 2018 at AIIMS, Bhubaneswar.
5. Dr Suchanda Sahu attended Workshop on Mentoring, Mentor Cell, on 2nd March 2019, at AIIMS, Bhubaneswar.
6. Dr. Debapriya Bandyopadhyay attended the Annual Conference cum Convocation of the International Medical Science Academy (IMSACON 2018) from 23rd to 25th August 2018 at The Royal College of Physicians and Surgeons, Glasgow, Scotland, United Kingdom. Presented original research titled "Effect of Tulsi (*Ocimum sanctum* Linn.) Supplementation on metabolic parameters and liver enzymes in young overweight and obese subjects".
7. Dr. Debapriya Bandyopadhyay attended the 45th National Conference of Association of Clinical Biochemists of India- ACBICON 2018 from 24th to 27th October 2018, held at Kala Academy, Panjim, Goa, India. Presented the work titled "Trends of Insulin: Glucose ratio in adult male Missing population of Assam- a ten year follow up study".

8. Dr. Debapriya Bandyopadhyay attended the North Zone Conference of Association of Clinical Biochemists of India- ACBICON 2018 at AIIMS Jodhpur, on 7-8th April 2018. He presented his work titled «Hypoglycemic effect of tender coconut water in euglycemic human subjects
9. Dr Prakruti Dash attended the North Zone ACBICON 2018 organised by Association of Clinical Biochemists of India on 7th and 8th April, 2018 at AIIMS, Jodhpur. Presented a paper on “Effect of Total Hemoglobin level on HbA1c value in Type 2 Diabetes Mellitus patients.”
10. Dr Prakruti Dash participated in “Basics of Neural Cell Culture” Workshop from 14th-15th June, 2018, organised by Cell Culture & Stem Cell Laboratory, Department of Neurophysiology, NIMHANS, Bengaluru.
11. Dr Prakruti Dash Attended the 6th RSSDI-Odisha 2018 as delegate from 8th and 9th September, 2018 at SCB Medical College, Cuttack.
12. Dr Prakruti Dash attended the 26th Annual conference of Association of Medical Biochemists of India from 15th to 18th November, 2018 at Lady Hardinge Medical College, New Delhi. Participated in the pre-conference Workshop on “Coagulation profile” on 14th November, 2018. Presented a poster on “Impact of delay in analysis of samples on measurement of serum electrolytes.”
13. Dr Prakruti Dash attended the 10th AMBICON, Odisha State Chapter as delegate on 13th January, 2019 at S.C.B. Medical College and Hospital, Cuttack, Odisha.
14. Dr. Suchitra Kumari attended 26th Annual Conference of Association of Medical Biochemists of India, AMBICON 2018, from 16th to 18th November 2018 at Lady Hardinge Medical College, New Delhi. Presentation paper Title: “Association of vitamin D, Calcium and Phosphate with uterine fibroid in premenopausal women of coastal Odisha”.
15. Dr. Suchitra Kumari attended 10th AMBICON state chapter on 13th Jan 2019 at SCB medical College and Hospital, Cuttack. Presentation on a scientific topic “Diagnostic importance of thyroid profile in patients with hyponatremia”.
16. Dr. Suchitra Kumari attended Hands-on workshop on 14th Nov 2018 on “Coagulation Profile” at MAMC, New Delhi.
17. Dr. Suchitra Kumari as a team member, conducted a workshop on mentoring of MBBS students on 2nd March 2019 at AIIMS Bhubaneswar.
18. Dr. Gautom Kumar Saharia attended the Annual Conference cum Convocation of the International Medical Science Academy (IMSACON 2018) at the Royal College of Physicians and Surgeons, Glasgow, Scotland, UK from 23rd to 25th August 2018. Presented paper Title: “Effect of iodinated contrast media on serum electrolytes concentrations in patients undergoing routine contrast CT scan procedure”.
19. Dr. Gautom Kumar Saharia attended the 45th National Conference of Association of Clinical Biochemists of India- ACBICON 2018 at Kala Academy, Panaji, Goa, India from 24th to 27th October 2018 and presented Poster Title: “Serum lipid profile as a risk factor of coronary artery disease and its relation with anemia in a population of Odisha”.

20. Dr. Gautom Kumar Saharia attended the 20th INDO-US Flow-cytometry Workshop at National Institute of Immunohaematology (ICMR-NIIH), Mumbai, India from 7th to 8th March 2019.
21. Dr. R Balamurugan attended the "79th National Course on Educational Science for Teachers of Health Professionals" held from 24th- 29th September 2018, in the Department of Medical Education, JIPMER, Puducherry.
22. Dr. R Balamurugan presented an invited lecture on "Gut microbiome and its implication on heart health" at the 16th Annual Conference of Indian Society for Heart Research (ISHR 2019) at Jaipur, India from 15th-17th February 2019.
23. Dr R Balamurugan attended Workshop on Mentoring, Mentor Cell, on 2nd March 2019, at AIIMS, Bhubaneswar.

RESEARCH

Non Funded Projects:

Ongoing:

1. Dr. Manaswini Mangaraj.
 - a. Evaluation of serum Vitamin B12 and its correlation with CD4 Count and clinico-biochemical variables in treatment naïve HIV positive patients.
MD Dissertation of Dr. K. Kavitha.
Funding agency: NA
Start Date: May 2018
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2018-19/14.
2. Dr Suchanda Sahu
 - a. To assess the gap in undergraduate Biochemistry theory taught and its usefulness in practice of Medicine.
Funding agency: NA
Project No.: T/IMNF/ Biochem/18/19
 - b. Audit of Thyroid Function Tests requests to Biochemistry laboratory."
Funding agency: NA
Project No.: T/IMNF/ Biochem/18/18
3. Dr. Prakruti Dash
 - a. Feedback Assessment of Teaching Learning Methodologies in Biochemistry- A student's perspective
Name of funding agency: Non-funded
Duration Start year- 2018
Status: Ongoing
IEC No.: T/IM-NF/Biochem/18/48

- b. "Nanocurcumin in oral squamous cancer cells and its efficacy as a chemo-adjuvant"
MD Dissertation of Dr. Diptasree Mukherjee
IEC No. IEC/AIIMS BBSR/PG Thesis/2018-19/15

4. Dr. Gautom Kumar Saharia

- a. Evaluation of Apo A IV and haptoglobin as potential CSF markers in patients with Guillain Barre syndrome.
Funding agency: NA. Duration: one year, start year: Jan 2019 Funds
IEC approval number: T/IM-NF/Biochem/18/32

Funded Projects:

Ongoing:

1. Dr Suchitra Kumari

- a. Correlation of Lysyl Oxidase Gene Polymorphism with tumour staging in ovarian cancer and its association with Lysyl oxidase protein- a Hospital based Study.
Institutional Funding, Funds: Total cost:1,95,000.00
IEC approval number: T/IM- F /17-18/1
- b. Association of Vitamin D, Calcium and Phosphate with uterine fibroid in Premenopausal women of Coastal Odisha.
Funding agency: ICMR STS Funds: Rs10,000.00.
IEC approval number: IEC/AIIMS BBSR/STS-UG/2018-19/1

Completed:

Non funded Projects

1. Dr Suchanda Sahu

- a. Correlation of serum Osteoprotegerin and RANK-L protein, vitamin D levels and disease severity patients with osteoarthritis of knee.
Non-funded
Project No: IEC/ AIIMS BBSR/ PG Thesis/ 17-18/ 04.
- b. Difference in serum electrolytes due to delay in analysis of samples
Name of funding agency: Non-funded
Duration Start year- 2018
Status: completed
IEC No.: T/IM-NF/Biochem/18/04.

2. Dr Suchitra Kumari

- a. Diagnostic importance of thyroid profile in patients with hyponatraemia.
Non funded
IEC Approval Number: IEC/AIIMS BBSR/STS-UG/2017-18/20.

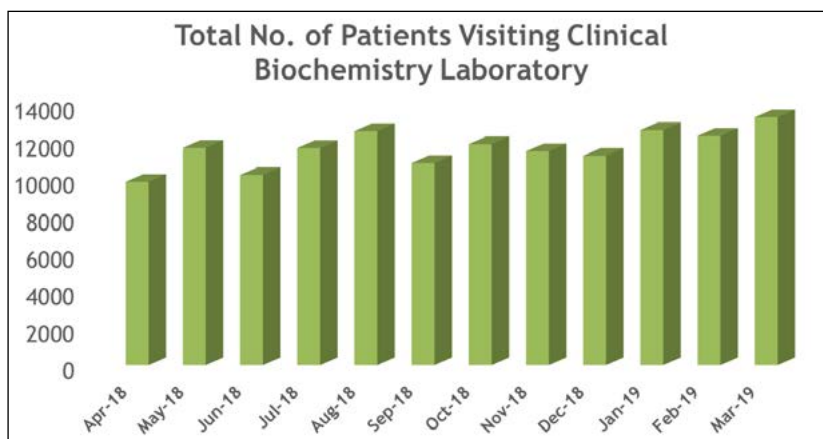
- b. Therapeutic effect of Momordica Charantia on blood glucose, lipid profile and oxidative stress in Type 2 Diabetes Mellitus patients.
Non funded
IEC approval number: T/IM-NF/Biochem/16/14.

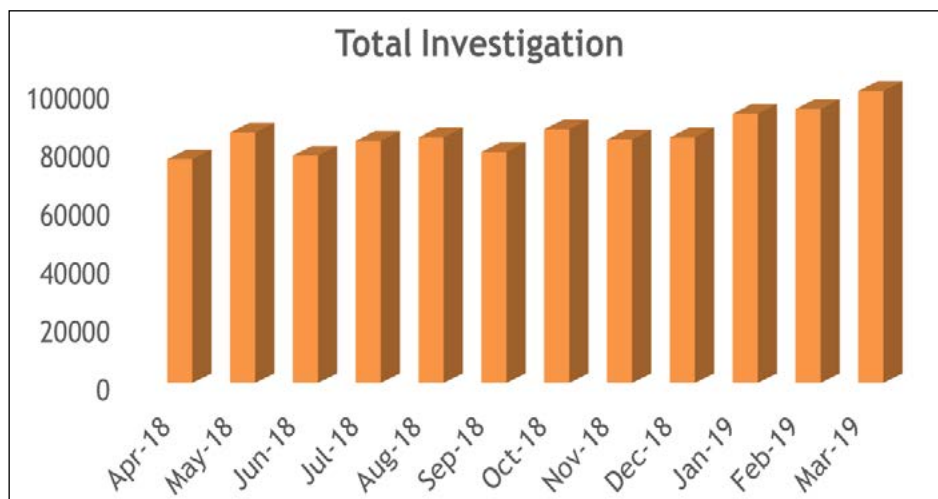
Funded Projects

1. Occurrence of subclinical hypothyroidism in pregnancy and its association with anti-TPO antibody and GDM.
Dr. Prakruti Dash
Institution Grant, Funds: Rs. 2 lakhs (Two lakhs only)
IEC approval number: T/IM-F/Biochem/15/01. Date: 02.05.16
2. Effect of Folic acid and Vitamin B12 supplementation on Biochemical parameters in subjects with type-2 Diabetes".
Dr. Debapriya Bandyopadhyay
Institution Grant, Funds: INR 480,000
IEC approval T/IM-F/ Biochem/15/22, dated 02.05. 2016.
3. Relation between anemia and serum lipid profile as a risk factor of coronary artery disease in a population of Odisha.
Dr. Gautom Kumar Saharia
Funding agency: ICMR-STs, Funds: Rs.10,000.00
IEC approval number: IEC/AIIMS BBSR/STS_UG/2018-19/04

SERVICES PROVIDED

The Department of Biochemistry 24 x 7 diagnostic support to the physicians of AIIMS, Bhubaneswar Hospital. Clinical investigation of serum biochemical and immunological parameters is the major mandate of this laboratory. All the automated instruments are linked to laboratory information system (LIS), allowing easy transfer of results. At present, the laboratory offers about 50 investigations routinely, with newer parameters being introduced on a regular on demand basis.





The laboratory is in its formative stages, over the last year the laboratory is steadily developing which has made it possible to handle on an average around 11000 samples a month and about 85,000 investigations performed on them.

AWARDS, HONORS & SIGNIFICANT EVENTS

1. Dr. Suchanda Sahu has been enrolled in SOA University, Curriculum Committee for MBBS and MD as subject matter experts for Academic activities.
2. Dr. Debapriya Bandyopadhyay is the Institute Nodal Officer for All India Survey of Higher Education (AISHE) under the Ministry of Human Resource Development, Govt of India.
3. Dr S Kumari Awarded with Life membership by National academy of Medical Sciences (India).
4. Scientific topic entitled "Association of vitamin D, Calcium and Phosphate with uterine fibroid in premenopausal women of coastal Odisha" was presented by MBBS student Baji Dheeraj at Annual fest Malhar 2019 Academic Society and for this won first prize under guidance of Dr S Kumari.
5. Dr. Gautom Kumar Saharia was conferred with the Life Membership of International Medical Science Academy (IMSA) at the Annual Conference cum Convocation of the International Medical Science Academy (IMSACON 2018) held at the Royal College of Physicians and Surgeons, Glasgow, Scotland, UK from 23rd to 25th August 2018.
6. Dr R Balamurugan was invited to join the Editorial Board of the Indian Journal of Gastroenterology.
7. Dr R Balamurugan was host to Ms. Rithika Parthasarathy, a student from Moreton Hall School, Oswestry, UK.
8. Dr R Balamurugan was invited to write a review Title: "Supplementation of higher doses of Iron in programmes to control anaemia is a double-edged sword." Published in the Supplementary issue of Indian Journal of Community Health, special issue released during National Expert Group Technical Consultation on Prevention and Treatment of Iron Deficiency Anemia, April 23rd 2018.



Dr. Diptasree performing Peripheral Blood Mononuclear Cells (PBMC) isolation and culture in the Cell Culture Laboratory.



Dr. Kavita analysing her thesis samples on Flow-cytometer (10 colours) under the supervision of Dr Gautom Kr Saharia



Dr. Debapriya Bandyopadhyay attended the Annual Conference cum Convocation of the International Medical Science Academy (IMSACON 2018) from 23rd to 25th August 2018 at The Royal College of Physicians and Surgeons, Glasgow, Scotland, United Kingdom.



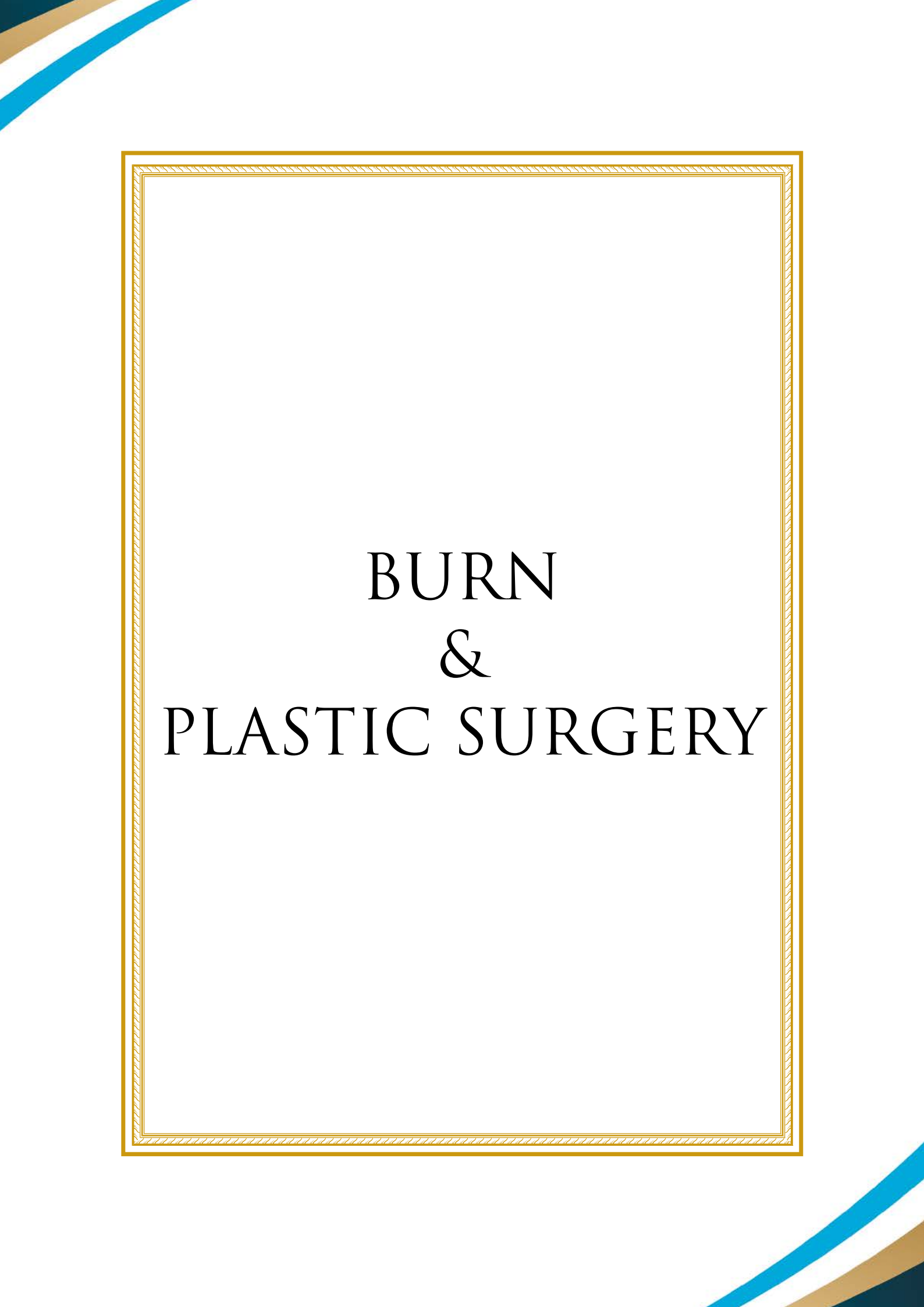
Dr. Gautom Kumar Saharia attended the Annual Conference cum Convocation of the International Medical Science Academy (IMSACON 2018) at the Royal College of Physicians and Surgeons, Glasgow, Scotland, UK from 23rd to 25th August 2018.



Dr VM Katoch Chairman, Scientific Program and Dr Rajeev Gupta Co-Chairman, Scientific Program Felicitating Dr R Balamurugan after is Invited Talk at ISHR 2019 at Jaipur.



Dr Suchitra Kumari being felicitated after a scientific oral presentation at 10th AMBICON Odisha state chapter.



BURN
&
PLASTIC SURGERY

BURN & PLASTIC SURGERY

FACULTY

Dr. Sunil Kumar Rout	Associate Professor
Dr. Sanjay Kumar Giri	Assistant Professor

HIGHLIGHTS

The department is actively involved in patient care services, teaching MBBS, B Sc Nursing, MS (General Surgery) students of this institute. Since July 2018, M Ch course started in the department and two students currently undergoing training in the subject. Last year the department conducted two state level workshop and conferences in the hospital premises. The faculties of the department have started performing advanced surgical procedures 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 speciality. The department has signed MOU with two external agencies 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.

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. Sunil Kumar Rout

1. Attended Amrita Asian Craniofacial Congress 2018, 7th – 8th July 2018, Kochi, Kerala and presented a paper titled “Sliding genioplasty – The winning stroke in lower face deformity correction”.
2. Attended National Training Program on Cleft& Craniofacial Orthodontics - 2018, 1st-3rd November, KIDS, Bhubaneswar and presented as a Guest faculty on “Alveolar bone grafting – It’s real need in cleft lip & Palate”.
3. Attended APSICON – 2018, 22nd -25th November 2018, Lucknow – Presented a paper on “Direct tributaries of IJV – Best recipient veins for free tissue transfer to Head & Neck” and chaired a session.
4. Attended Workshop on “Basic Statistical Analysis Using SPSS”, from 27thto 30th November 2018, at IIPH Delhi.

5. Attended national seminar on patients safety and quality in AIIMS Bhubaneswar on 8th& 9th December 2018 also participated as ABQC surgical safety committee member.
6. Organized 6th APRASOCON – 2019, 12th – 13th January 2019, at AIIMS Bhubaneswar as Organising Chairman and Presented a paper titled “Correction of multisutural Craniosynostosis”.
7. Organised CME and WORKSHOP on Management of Lymphoedema on 17th January in AIIMS Bhubaneswar as Organising Chairman.
8. Attended Indocleftcon -2019, 8th -10th Feb 2019, Varanasi.
9. Attended Woundcare CME, 23rd March 2019, AIIMS BBSR as a faculty and delivered a lecture on “Newer techniques in wound management”.

Dr. Sanjay Kumar Giri

1. Attended MEDICON, from 7th and 8th April 2018 as guest faculty at Bongaigaon NTPC Hospital to present “Recent advances in burn management”.
2. Attended conference of EWMA, 9th to 11th may 2018 at Poland, Krakow and presented “Negative pressure wound therapy in management of wound after resection of tumor in lower limb”.
3. Attended as Guest faculty for 1st AIIMS plastic surgery, New Delhi Update-2018 from 1-3 September 2018.
4. Attended 42nd Annual conference of ISSHCON 2018 , in Coimbatore from 4th to 7th October.
5. Attended 53rd APSICON, Lucknow as chairperson and presented paper on “free RAFF in head & neck reconstruction” from Nov 21-25.
6. Attended Annual Conference of International Society of Burn Injuries 2018 from 30th Nov to 4th Dec as chairperson and presented paper “Histological correlation of post burn hypertrophic scar with pruritus”.
7. Attended national seminar on patients safety and quality in AIIMS Bhubaneswar on 8th December.
8. Attended 78th ASICON in Chennai to present the best paper chapter from Odisha “Awareness of skin bank among general surgeons”.
9. Organising secretary of and presented a paper in 6th Annual conference of APRASOCON 2019 on 12 and 13th January , in AIIMS Bhubaneswar.
10. Organising secretary of CME and Workshop on management of lymphoedema on 17th January in AIIMS Bhubaneswar.
11. Attended and presented paper in 34th Annual conference of ASI, Odisha state chapter , OSASICON 2019 on 19 and 20 January at Balasore.
12. Attended IAGES conference in Sum Hospital, Bhubaneswar as judge and chairperson for e- poster from 7th to 9th February.

13. Attended as guest faculty & chairperson in NABICON-2019 in Prayagraj from 1st to 3rd March and deliberated talks on 1) Dressing in burn patients. 2) Mandatory desirable services for burn unit, 3) Medicolegal formalities.
14. Attended as guest faculty and presented topic on “cleft lip & palate “on 12th March for CME on world birth defect day organized by AIIMS, Bhubaneswar stillbirths and birth defects surveillance cell.
15. Attended as guest faculty in Wound Care CME at AIIMS Bhubaneswar, on 23rd March and presented on “Role of stem cell in wound healing”.
16. Attended Faculty Development Program on Assessment organized by MEU of AIIMS, Bhubaneswar on 29th and 30th March 2019.

RESEARCH

Funded Projects:

Ongoing :

1. Title of the project: “Comparison of effect of Autologous Platelet rich Plasma (APRP), Collagen dressing, Calcium Alginate Dressing V/S Normal Dressing in wound Healing of split thickness Skin Graft (STSG) donor sites”.

Name of the principal investigator: Dr. Sanjay Kumar Giri

Funding agency: AIIMS, Bhubaneswar

Duration: 2 years

Start year: 2018 – 19

Funds: Rs.3.54 Lakhs

IEC approval number: T/IM-F/17-18/53

Departmental:

Ongoing :

1. Title of the project: Gynaecomastia: Aetiopathogenesis and management with conventional liposuction Vs cross chest liposuction with sub-areolar excision.

Name of the principal investigator: Dr. Sunil Kumar Rout

Funding agency: NA

Duration: 2 years

Start year: 2019

Funds: NA

IEC approval number: IEC/AIIMS BBSR/PG Thesis/2018-19/34

PATIENT CARE / HOSPITAL SERVICES

The department is providing OPD services on 4 days of a week (Monday, Tuesday, Wednesday & Friday). Minor OT runs in the OPD complex on three days of a week and major OT 2 days in a week. The department is having 14 beds at present dedicated for in-patient services. Apart from these the department is attending emergencies on 24/7 basis and referral from other specialities.

AWARDS, HONORS & SIGNIFICANT EVENTS

1. Dr Sanjay Kumar Giri selected for Indian society of Hand surgery Fellowship for 2019.
2. M Ch (Plastic & Reconstructive Surgery) course started in the department from July 2018
3. MOU signed with NTPC on 2nd August 2018 for establishing Burn Unit
4. MOU signed with Smile Train (International Charity) on 12th December 2018 for free treatment of cleft lip & palate patients.
5. The department organized 6th APRASOCON (annual conference of Association of Plastic Reconstructive and Aesthetic Surgeons of Odisha) on 12th and 13th January 2019.
6. The department organized CME and workshop on management of Lymphoedema on 17th January 2019.



Fig – 1: Inauguration of plastic surgery minor OT on 18/04/2019



Fig – 2: MOU signed with NTPC for Burn Centre on 02/08/2018.



Fig – 3: MOU signed with Smile Train on 12/12/2019.



Fig – 4: State conference of Plastic surgery (APRASOCON - 2019) organised by the department on 12th& 13th January 2019.



Fig – 5: Workshop & CME on management of Lymphoedema organised by the department on 17th January 2019.



Ground Breaking ceremony of Burn unit funded by NTPC



Honourable Vice President Mr R Venkaiah Naidu laid down the foundation stone of Burn unit (1)



CARDIOLOGY

CARDIOLOGY

FACULTY

Dr Ramachandra Barik	Associate Professor
Dr Debasish Das	Assistant Professor(On study leave)

HIGHLIGHTS

Super speciality course (Doctorate in Medicine) in Cardiology has been started by the joining of 1st DM student on 27th August 2018. Now the Department of Cardiology of AIIMS, Bhubaneswar has 3 DM students. There is one ongoing national level research project under Indian Council of Medical Research (ICMR) / National Centre for Diseases Informatics and Research (NCDIR). One more international project is in the pipeline. The Department is going have to its own soon. The department is also going to start a 2 years post-graduation course in Cardiovascular Technology which would train students having graduation in life science courses for cardiovascular equipment handling like Catheterization Laboratory machine, Echocardiogram (ECHO), Thermo Mechanical Treatment (TMT) and Holter Machine.

EDUCATION

The Department of Cardiology at All India Institute of Medical Science (AIIMS), Bhubaneswar started DM Cardiology super speciality course and there are three students under training .Thesis project is going on for two students .The thesis proposal of another student has been submitted .The scheduled academic protocol for the DM like their research project ,seminars and hand on training on full swing .Two students are going to attend a national level seminar on core curriculum of Paediatric cardiology conducted by Paediatric Cardiology society of India which would be held on 2ndto 4th August 2019. One of the DM student has been trained of Good Clinical Practice at All India Institute of Medical Science, Rishikesh on 3rd and 04th Oct, 2018. Training work for DM / PG student on Biostatistical class was on 29th March, 2019. The Departments teaches DM cardiology, MBBS and Nursing students

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

Dr. Ramachandra Barik attended

1. Heart Failure Research Project meeting at NCDIR, Bangalore ,20th April 2018 as Principal Investigator for future planning of the project
2. Celebration of International Yoga Day 21st June,2018, AIIMS, Bhubaneswar.
3. Cardiology – Cardiothoracic CME on Role of Surgery in cases Congenital Heart Disease with General PAA at All India Institute of Medical Science, Bhubaneswar on 22 March 2019.

RESEARCH

Funded Projects:

Ongoing:

1. Title of the project: "A Study on the Magnitude and the Patten of Causes of Heart Failure - a feasibility study".

Name of the Principal Investigator: Dr Rama Chandra Barik.

Funding agency /NCDIR Duration: 02 Years, start year:2018 Funds: Rs.32,00000.

IEC approval number: T/EMF/Cardio/18/07.

Departmental:

Ongoing:

1. Title Of The Project : 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 DibyasundarMahanta, DMCardiology, Senior Resident

Funding Agency: Intramural Non-funded.

IEC approval number: IEC/AIIMS/BBSR/PG/Thesis/2018-19/49

2. Title of the project: Comparing Sacubitril/Valsartan vs Ramipril in acute myocardial infarction

Name of the Principal Investigator: Dr Jogendra Kumar Singh, DM Resident

Funding Agency: Non-funded

IEC approval number: IEC/AIIMS BBSR/PG Thesis/2019-20/70

PUBLICATIONS

1. Heart glows when a Cook needle enters the pericardiumDr Ramachandra Barik, Dr U Seetara, Dr MR Barik,Asian Cardiovascular &Thoracic annals 26(5), 419-419,2018. PMID: 29734834.
2. Secondary prophylaxis to control rheumatic heart disease in developing countries: Put into a cage if can't be killer Barik,Indian Heart Journal,2018. PMID: 30580864.
3. Barik R. A biatrial myxoma with triple ripples. Journal of cardiovascular echography. 2018 Jan;28(1):59. PMID: 29629263.

PATIENT CARE / HOSPITAL SERVICES

With limited number faculty, upcoming infrastructures and limited manpower, the department of cardiology performing to the level best. In patient's care, emergency care Echocardiogram (ECHO), Tread Mill Test (TMT) are going on.

AWARDS, HONORS & SIGNIFICANT EVENTS

Dr. Ramachandra Barik is awarded with "Excellence in Cardiology" Venus International Foundation, Chennai, April 21, 2018 at Le Royal Meridien Chennai, India.



COMMUNITY
MEDICINE
&
FAMILY MEDICINE

COMMUNITY MEDICINE & FAMILY MEDICINE

FACULTY

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

HIGHLIGHTS

Academically, the department has MD program in Community Medicine with ten postgraduate residents. The first batch of MD students is set to complete their PG in July 2019. The building for residential complex for doctors at Rural Health & Training Center (RHTC), Tangi is being acquired and prepared to accommodate interns and residents for their residential posting. Department is undertaking funded projects from ICMR New Delhi, UNICEF and Government of Odisha. It is playing a key role in capacity building of different stakeholders for implementing various health and nutrition programme of government. Department was actively involved in "Anaemia Mukta Bharat" campaign in Odisha, under which it organised anaemia screening camps in AIIMS Hospital, Urban Health & Training Centre, Nayapalli and RHTC, Tangi for over one month and 7535 beneficiaries were reached. For this, the department was appreciated and awarded by Department of Women & Child Development, Government of Odisha at New Delhi in Oct 2018. Department celebrated World Breast Feeding Week in 1st week of August 2018, World Cancer day on 4th February 2019 by organising public health lectures. It organised State Level Aspirational District Workshop on 6th December 2018, Sensitization workshop on National Tobacco Control Programme on 30th January 2019, AFP & Measles Surveillance workshop on 14th February 2019. Public lectures on different health topics were organised in AIIMS Hospital. Department is preparing six modules on health & nutrition for Particularly Vulnerable Tribal Groups (PVTGs) for training of the trainers. One Resource Centre for Public Health Nutrition is being established in the department, with the technical and financial support from UNICEF, Odisha. Two issues of Indian Journal of Community and Family Medicine were released in 2018-19 under aegis of Ministry of Health and Family Welfare, GOI. The journal will be available online through Medknow.

EDUCATION

Presently, the Department is involved in MBBS, MD in Community Medicine and B.Sc (Nursing) teaching. The third batch of 100 MBBS students (2014 Batch) has finished final professional examinations in December 2018 and the first batch of two MD residents (July 2016) will be appearing in the final examination. The 2014 MBBS batch is currently undergoing three months compulsory rotatory

internship training in the department and are posted at various clinics in the hospital, district hospital, Khurda, rural and urban health training centres to acquire skills of primary health care management and provide community health interventions. As a part of community medicine training each batch of MBBS student is allotted a village. Regular visits are made by the MBBS students to the villages and involved in various activities such as health camps, assessing the health profile of the family members and health advisory services. First year MBBS students are exposed to the community medicine through visits to different health facilities and interviewing functionaries of different departments like health, women and child development, panchayat raj and assigned research projects as well. Currently total numbers of MD seats in Community Medicine are 06 per year.

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

Dr. Vikas Bhatia

1. Participated and presented two papers in 1st World Congress on Migration, Ethnicity, Race & Health at Edinburgh, Scotland from 17th to 19th May 2018.
2. Certificate of Recognition, Speaker on Campaign to reduce prevalence of Anaemia in eastern India, 4th World Congress on Public Health & Nutrition, Berlin, Germany, Feb, 2019.
3. Epidemic Management Training Program workshop inaugurated, organized at AIIMS, BBSR, for newly inducted medical officers, Govt. of Odisha and delivered two lectures from 30th May to 2nd June 2018.
4. Participated in rally on World Health Day, Guest lecture on Universal Health Coverage at SIHFW, Govt. of Odisha. Guest lecture at IMA House, Bhubaneswar on 7th April, 2018.
5. Speaker at public Lecture on world thyroid day on 23rd May 2018 at AIIMS, BBSR.
6. Meeting-cum-Interactive Session of ICMR Task Force Study on Consumption of Food & Food Products/Items High in Fat, Salt & Sugar at ICMR HQ New Delhi. 23rd - 24th July 2018.
7. Public lecture Anemia Mukta Bharat organized & Speaker at AIIMS Bhubaneswar on 27th September, 2018.
8. Invited by Hi-Tech Medical College, Bhubaneswar to 37th Annual Conference of Indian Association of Preventive and Social Medicine (IAPSM) (Odisha State Branch) as a Guest Speaker on "Role of Medical Colleges to Combat Maternal Anemia with special intervention by AIIMS, Bhubaneswar" on 8th Dec, 2018.
9. Attended 6th International Conference on Person Centric Medicine (NCD-Non-Communicable Disease) by Indian Medical Association Delhi from 22nd to 25th Dec 2018.
10. Workshop and CME on Lymphedema: Speaker: Extent of Problem in Odisha – Incidence and current Management options: AIIMS Bhubaneswar on 17th Jan 2019.

11. Chairperson, Scientific Session, Indian Association of Preventive and Social Medicine (IAPSM) Conference, Shimla (H.P) on 9th-10th March, 2019. Guest Speaker & Chairperson: 1. Award paper session. 2. Innovative practices in Community Medicine and Community Medicine Teaching.
12. Tobacco Sensitization Workshop. Speaker: AIIMS, Bhubaneswar- 30th Jan 2019.
13. Resource Person in NGO meet on Jiban Sampark Organized by UNICEF for PVTs on 17th Nov 2018 in Bhubaneswar.
14. Participated and deliberations at Verbal Autopsy workshop at AIIMS, New Delhi on 21st Nov 2018.
15. State Level Workshop on Integration of Updated National Nutrition Programs & Strategies in MBBS Curriculum. Speaker: Opportunities of nutrition teaching in medical education. Organized by Dept. of Medical Education, Odisha, and UNICEF on 5th Feb 2019. Venue: IMAGE Conference Hall, OUAT, Siripur, Bhubaneswar
16. Organized & Speaker: State level Aspirational District workshop with department of HFW, Odisha & UNICEF on 6th Dec 2018 in Bhubaneswar.
17. Participated in Workshop on "Assessing State Level Capacity" for National Multi Sectoral Action for Prevention & Control of NCDs at PGIMER, Chandigarh on 4th Oct 2018.
18. Meeting with food commissioner, on Nutrition and Health issues for PVTGs in Odisha, Govt. of Odisha, UNICEF on 30th April 2018 in Bhubaneswar.
19. Organized and launched AnemiaMukt Bharat at UHTC Nayapalli & AIIMS Bhubaneswar on 10th Oct 2018.
20. Participated at Minerva, on Verbal Autopsy Organized by AIIMS New Delhi, December, 2018.
21. Verbal autopsy workshop speaker at Census Department, Bhubaneswar on 22nd Jan 2019.
22. Participated in launch of JibanSampark project for PVTGs: Launch by Chief Minister of Odisha in Adivasi Mela on 26th Jan 2019 in Bhubaneswar.
23. Release of Anemia Mukt Bharat Report by Prof. S. K. Acharya, President, AIIMS Bhubaneswar on 28th Jan 2019.
24. Organized Anemia Mukt Bharat Camp at Integrated Testing Range, Balasore on 19th Jan 2019.
25. Invited by the Art of Living Odisha & Sri Sri University to attend "HOLISTIC EDUCATION: A NEW PARADIGM" on 28th Sep 2018, in Cuttack.
26. Invited and participated in complementary food meeting, organized by Department of WCD, Govt. of Odisha, and UNICEF Bhubaneswar on 4th September 2018.

Dr.Sonu H Subba

1. Chaired a scientific session in the 46th Annual National Conference of Indian Association of Preventive & Social Medicine in Indira Gandhi Medical College, Shimla, Himachal Pradesh from 8th – 10th March 2019

2. Organized a sensitization workshop for mentors in AIIMS Bhubaneswar on 2nd March 2019.
3. Chaired a scientific session during the 4th International Conference on Environment and Occupational Health in New Delhi, from 15th to 17th February, 2019.
4. Organized an AFP & Measles Surveillance Workshop in collaboration with WHO Office-Bhubaneswar on 14th February 2019 at AIIMS Bhubaneswar.
5. Initiated a public health lecture on World Cancer Day 4th February, 2019 in AIIMS, BBSR.
6. Attended a National Seminar on Quality & Safety in Healthcare at AIIMS Bhubaneswar on 8th December 2018
7. Was a resource person for Research Methodology workshop in the conference conducted by the students of AIIMS Bhubaneswar 28th August 2018
8. Was the team leader for Communication group in the Foundation Course for the first year MBBS students from 6th to 9th August 2018 in AIIMS, BBSR.

Dr. Binod Kumar Patro

1. Resource faculty for Workshop on Research Methodology and Scientific Paper Writing from 7th to 8th April 2018 at Bhubaneswar organized by IAP Odisha State Branch.
2. Represented AIIMS Bhubaneswar in the National Felicitation of Kayakalp Awardees 2017-18 held at RML Hospital, New Delhi on 19th April 2018.
3. Resource Faculty for State Training of National Program for Prevention and Control of Cancer, Diabetes, CVD and Stroke(NPCDCS)held at SIHFW, Bengaluru from 20th -21st April 2018.
4. Organized Epidemic Management Training Programme (EMTP) for OPSC Doctors from 30th May to 2nd June 2018 at AIIMS Bhubaneswar.
5. Resource Faculty for State Training of NPCDCS held at State Institute of Health & Family Welfare (SIHFW), Bhubaneswar from 4th to 6th July 2018.
6. Attended 46th National Indian Association of Preventive and Social Medicine (IAPSM) conference held at Shimla from 8th to 10th March 2019 and chaired two academic sessions.
7. Participated in the Induction Training for project Partners and Staff on Tobacco Control at PGIMER School of Public Health from 19th to 21st June 2018.
8. Attended Workshop on Data Analysis and Report Writing for the National NCD Monitoring Survey 2017-18 held at National Centre for Disease Informatics and Research (NCDIR), Bengaluru from 7th - 9th December, 2018.
9. Attended EuroQol Valuation Training at EuroQol Foundation, Amsterdam, Netherlands from 14th -15th February 2019.
10. Organized one day Sensitization Workshop on National Tobacco Control Programme (NTCP) for State and District Levels of Programme officers on 30th January 2019 in Bhubaneswar.

Dr. Swayam Pragyan Parida

1. Participated in a “Conclave in new born care in Odisha” from 3rd to 5th May, 2018, organized by Dept of Health & Family Welfare, Govt. of Odisha in Bhubaneswar.
2. Speaker for Public lecture on “Iodine deficiency disorder” - on 23rd May 2018 in AIIMS Bhubaneswar.
3. Resource person for EMTP at AIIMS, Bhubaneswar from 29th & 30th May, 2018
4. Participated in “National Symposium on gender equality in grassroots governance” by The State Institute for Rural Development and Panchayati Raj (SIRD & PR), Govt of Odisha, BBSR - As a Panellist - on 28th June 2018 also presented a topic on Gram panchayat Health & sanitation.
5. Participated as a faculty in WISSEN 2018 from 19th to 20th August 2018 in AIIMS, BBSR.
6. Delivered two lectures on International Classification of Diseases, Tenth Revision (ICD 10) in “Orientation Training Programme on ICD – 10 coding for non-medical personnel” at Regional Office of Health & Family Welfare, Bhubaneswar on 29th August 2018.
7. Guest lecture on “The Act PC-PNDT – an analysis of social viewpoints” for MBBS students on 8th July 2018 in organized in AIIMS Bhubaneswar
8. Associated with launching of “AnemiaMukt Bharat- Test and Treat Campaign in Odisha”: in AIIMS BBSR, CHC Mendhasala, CHC Tangi; Urban Health centre Nayapalli on 29th Sept 2018. Around 8000 beneficiaries tested for anemia and persons found to be anemic counselled to take iron rich foods.
9. Part of organizing team for “Round Table Press Meet on AnemiaMukt Bharat” in Director’s conference Hall, AIIMS, BBSR on 29th Oct, 2018.
10. As a trainer for training programme on “Prevention of obstetric fistula” scheduled on 3rd November 2018 under ICMR project in Bhubaneswar.
11. Participated as a delegate in 50th Annual International Conference of Nutrition Society of India held in National Institute of Nutrition (NIN), Hyderabad from 15th to 17th November 2018.
12. Participated as a delegate in 37th IAPSM Odisha state chapter conference in Hi-Tech Medical College, Bhubaneswar on 8th & 9th Dec 2018.
13. Participated as a delegate in “1st National seminar on quality and safety in health care” on 8th-9th Dec 2018 in AIIMS, Bhubaneswar.
14. Participated in “State level orientation program for Aspirational district progress in Odisha” on 6th December 2018 in Bhubaneswar with Govt. of Odisha and UNICEF in Bhubaneswar.
15. Attended CME on Lymphoedema on 17th Jan 2019 in AIIMS Bhubaneswar.
16. Participated in state level workshop on “Integration of updated national nutrition programs and strategies in MBBS Curriculum” on 5th Feb 2019 in Bhubaneswar.

17. Participated in one day "Sensitization workshop for program implementers of National tobacco control program Odisha" on 30th Jan 2019.
18. Attended guest lecture "Quality improvement in hospitals and ethics" on 24th Jan in AIIMS Bhubaneswar.
19. Participated in "Workshop on mentoring" on 2nd March 2019 in AIIMS Bhubaneswar.

Dr. Binod Kumar Behera

1. Attended National Operational Research Training Course at NRTID New Delhi, 20th-31st August, 2018.
2. Attended Qualitative research Methodology workshop at AIIMS Patna 25th-27th October 2018.
3. Team Member for Peer assessment of AIIMS Bhopal under Kayakalp scheme from 15th-16th Nov, 2018.
4. Attended workshop "Data analysis and Report writing for the National NCD monitoring survey 2017 –2018" held at NCDIR, Bengaluru from 7th -9th Dec, 2018.
5. Attended Expert consultation for policy guidance on childhood diarrhoea control in Odisha to achieve GAPPD goal organised by RMRC Bhubaneswar on 22nd Dec, 2018.
6. Resource person for Training of Medical officer on EMPT on 30th May, 2018 at AIIMS Bhubaneswar.
7. Resource person for Training of NCD Programme Managers under NPCDCS at PrasarBharati Bhawan, Bhubaneswar from 28th – 30th June 2018.
8. Organised and resource person for public lecture on world breastfeeding week 1st Aug 2018 AIIMS BBSR.
9. Resource person for foundation course 2018 on 4th Aug 2018.
10. Organized and resource person for public lecture on world AIDS day on 1st Dec 2018.
11. Resource person for Basic Research Methodology Course - newly joined PG Residents on the topic "Study design" 12/09/2018.
12. Organised and resource person for public lecture on cancer 4th Feb 2019.
13. Resource person for Work shop on The Pre-Conception & Pre-Natal Diagnostic Techniques (PCPNDT) Act for MBBS students on 26th Feb, 2019 at AIIMS Bhubaneswar, delivered lecture on the topic "The act PCPNDT-an analysis social viewpoints".
14. Organized and resource person for public lecture on Birth Defects on 5th March, 2019 in AIIMS, BBSR.
15. Resource person for Basic Research Methodology Course - newly joined PG Residents on the topic "Study design" 13th Mar, 2019.
16. Organized public lecture on Kidney Health on 14th March 2019, AIIMS Bhubaneswar.

Dr. Arvind Singh

1. Participated as an invited guest in workshop on “Health System Strengthening and Sustainable financing” organized by Harvard School of Public Health and Ministry of Health and Family Welfare at Lal Bahadur Shastri National Academy of Administration, Mussoorie from 28th to 31st May 2018.
2. Attended a workshop as a delegate on “Developing a protocol for a Cochrane Systematic Review” conducted by CMC Vellore from 27th to 31st August 2018.
3. Guest lecture on “Basic coding Guidelines and overview of morbidity coding & medical certificate of cause of death(MCCD)& Basic coding Guidelines & overview of mortality coding” in the orientation on Medical Records & Information Management for Non-Medical Personnel on 28th September 2018.
4. Attended the ‘Pre-surveillance meeting of HIV Sentinel conducted at New Delhi from 11th and 12th October, 2018 as Central Team Member.
5. Attended 2nd Annual meeting of SRS VA network participating Institutions at AIIMS Delhi from 22nd to 24th November, 2018 as a project co-investigator from AIIMS Bhubaneswar
6. As a central team member, did monitoring and supervision of HIV sentinel surveillance in various HIV sentinel surveillance (HSS) sites in Odisha from 24th to 25th January 2019.
7. Attended 46th Annual national conference of Indian Association of Preventive and Social Medicine (IAPSM) Conference at Shimla from 7th to 10th March 2019 and chaired a scientific session.

Dr. Manish Taywade

1. Participated as Resource Person/Guest faculty for Training Programme on Family of International Classification (FIC) (ICD 10 & ICF) coding for Non-medical personnel on 27th June 2018 Regional Offices of The Health And Family Welfare (ROH &FW), Bhubaneswar.
2. Resource person for the orientation course on Health Information Management for Non-Medical Personnel on 25th July 2018.
3. Participated as Faculty (Resource Person) for leadership during Foundation Course for MBBS Batch 2018 at AIIMS Bhubaneswar from 10th to 14th August, 2018
4. Attended Workshop on “Qualitative Methods in Health Research” at AIIMS Patna from 25th to 27th October 2018.
5. Attended 1st Joint Conference of Telangana State Chapters of Indian Association of Preventive and Social Medicine (IAPSM) and IPHA (Indian Public Health Association) from 30th November to 1st December 2018. Chaired the session on Topic: Newer Methods in Prevention of Cardiac Diseases.
6. Attended First National Seminar on Quality and Safety in Health Care held on 8th December 2018 at AIIMS Bhubaneswar

7. Attended workshop and CME on Lymphedema on 17th January, 2019 at AIIMS Bhubaneswar.
8. Attended one day sensitization program on Tobacco on 30th January, 2019 at AIIMS Bhubaneswar.
9. Attended Sensitization workshop on Mentoring on 2nd March, 2019 at AIIMS Bhubaneswar.

Dr.Prajna Paramita Giri

1. Resource Person for Public lecture on World Breast Feeding week on 1st Aug, 2018.
2. Resource person for Research Methodology workshop in the conference conducted by the students of AIIMS Bhubaneswar (WISSEN 2018) 28th August, 2018.
3. Resource person for public lecture on Anaemia on 27th Sep, 2018.
4. Associated with launching of "AnemiaMukt Bharat- Test & Treat Campaign in Odisha": in AIIMS BBSR, Community Health Centre (CHC) Mendhsala, CHC Tangi and Urban Health Centre Nayapalli on 29th Sept 2018.
5. Member of organising team for Inauguration of Anaemia Test and Treat Campaign at Urban Health & Training Center, Nayapalli on 9th Oct 2018.
6. Participated as a delegate in 50th Annual international conference of Nutrition Society of India held in NIN Hyderabad from 15th to 17th November 2018.
7. Participated in "State level orientation program for Aspirational district progress in Odisha" on 6th December 2018 In Bhubaneswar.
8. Participated as a delegate in 14th International conference on Vector & Vector Borne Diseases" held at RMRC, Bhubaneswar from 10th to 11th January 2019.
9. Participated as a delegate in Authors workshop at AIIMS, Bhubaneswar on 22nd January 2019 organised by Central Library, AIIMS, BBSR and Wolters Kluwer, USA.
10. Participated in launch of JibanSampark project for Particularly Vulnerable Tribal Groups (PVTGs): launched by Chief Minister of Odisha on Adivasi Mela on 26th Jan 2019.
11. Participated in state level workshop on "Integration of updated National Nutrition programs and strategies in MBBS Curriculum" on 5th Feb 2019 in Bhubaneswar.

RESEARCH

Funded Projects:

Extramural:

Ongoing:

1. Title of the project: Technical support and Capacity building of different stakeholders in enhancing the uptake of Government of Odisha's health & Nutrition services by Particularly Vulnerable Tribal Groups (PVTG) communities

Name of the principal investigator: Dr.Vikas Bhatia

Funding agency: UNICEF

Duration, start year: March 2018; 4.6 years

Funds: Rs. Two crores (approximately)

IEC approval number: EMF/13/2017

2. Title of the project: Verbal Autopsy based Cause of Death Ascertainment in Sample Registration System, Registrar general of India for states of Odisha, Jharkhand & Chhattisgarh.

Name of the principal investigator: Dr.Vikas Bhatia

Funding agency: AIIMS, New Delhi and Registrar General of India, GOI

Duration, start year: Oct. 2017, 1 year

Funds: Rs.1,21,800/-

IEC approval number: EMF/09/2017

3. Title of the project: Consumption pattern of food & food products/items high in fat, salt and sugar among selected cities/towns and rural population of India : ICMR task force multicentric study

Name of the principal investigator: Dr.Vikas Bhatia

Funding agency: ICMR

Duration, start year: 2018-19, 2 years

Funds: Rs. 55 lacs

IEC approval number: EMF/07/2018

4. Title of the project: Technical support to four Aspirational Districts (Kandhamal, Malakangiri, Bolangir, Koraput) of Odisha for improvement of priority indicators under health & nutrition theme of Aspirational District programme.

Name of the principal investigator: Dr.Vikas Bhatia

Funding agency: UNICEF

Duration, start year: Nov2018-Oct 2020, 2 years

Funds: Rs. 1,33,96,180

IEC approval number: EMF/13/2018

5. Title of the project: Resource Centre for Advancement of Public Health Nutrition

Name of the principal investigator: Dr.Vikas Bhatia

Funding agency: UNICEF

Duration, start year: Jan 2019 to 2022, 4 Years

Funds: Rs. 6.3 crores

IEC approval number: EMF/17/2018

6. Title of the project: Bio-Chemical Assessment of Fortification of Mid-Day Meal Programme in Dhenkanal, Odisha - End line
Name of the principal investigator: Dr. Binod Kumar Patro
Funding agency: World Food Programme
Duration: Start year: 2017, 2 years
Funds: Rs.47,81,775
IEC approval number: T/EM-F/CMFM/16/12

Completed:

1. Title of the project: Intensified Diarrhoea Control Month- 2018, Planning for remote district Kandhamal, Odisha,
Name of the principal investigator: Dr. Vikas Bhatia
Funding agency: UNICEF
Duration, start year: 2018, 6 months
Funds: Rs. 7.27 lacs
IEC approval number: T/IM-NF/CM&FM/18/39
2. Title of the project: Anaemia Mukht Bharat - Odisha campaign
Name of the principal investigator: Dr. Vikas Bhatia
Funding agency: UNICEF
Duration, start year: 2018, 1 year
Funds: Rs. 6 Lacs
IEC approval number: T/EMF/CM & FM/18/15
3. Title of the project: Evaluation of Multi Drug Therapy of Lymphatic Filariasis, Nayagarh, Odisha
Name of the principal investigator: Dr. Vikas Bhatia
Funding agency: ROM&HFGOI
Duration-3 months, start year: 2016, 6 months
Funds: Rs25,000/-
IEC approval number: EMF/04/201
4. Title of the project: Provide Techno-Managerial support for quality improvement of INAP, IAPPD and New MH guidelines training in the selected nine districts of Odisha.
Name of the principal investigator: Dr. Vikas Bhatia
Funding agency: UNICEF
Duration, start year: 2016, 2 years
Funds: Rs-96,71,700/-
IEC approval number: EMF/02/2016

5. Title of the project: Survey for Monitoring the National Non-Communicable Diseases Targets: 2017-18

Name of the principal investigator: Dr. Binod Kumar Patro

Funding agency: NCDIR, ICMR, Bengaluru

Duration, start year: 2017, 1 year

Funds: Rs.71,41,196

IEC approval number: T/EM-F/CMFM/17/08

Funded Projects:

Intramural:

Ongoing:

1. Title of the project: Study on Hepatitis B prevalence, vaccine awareness and coverage among pregnant women attending a tertiary care hospital in Odisha

Name of the principal investigator: Dr. S P Parida

Funding agency – AIIMS, Bhubaneswar

Duration- One year, start year: 2017

Funds: Rs.1.5 lacs

IEC approval number: - T/IM-F/CMFM/15/33

2. Title of the project: Morbidity profile and nutritional status of female primary health care workers.

Name of the principal investigator: Dr Binod Kumar Behera

Funding agency: AIIMS Bhubaneswar

Duration: 1 year; start year: 2017,

Funds: Rs.1,20,000

IEC approval number: T/IM-F/17-18/14

3. Title of the project: A study of association between gestational diabetes mellitus and post-partum depression in a rural community of Odisha, India

Name of the principal investigator: Dr. Arvind Kumar Singh

Funding agency: AIIMS, Bhubaneswar

Duration, start year: 1 year, 2018

Funds: Rs. 3,50,000/-

IEC approval number: T/IMF/CM&FM/18/15

4. 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. PrajnaParamitaGiri

Funding agency: AIIMS, Bhubaneswar

Duration-1 year; start year: 2018

Funds: Rs.2,25,000/-

IEC approval number: IMF/11/2018

Departmental:

Ongoing:

1. Title of the project: Evaluating the effectiveness of a structured training module in detecting children with Developmental Delays in a rural setting of Odisha; A cluster Randomised Trial. Thesis for award of MD Community Medicine, AIIMS Bhubaneswar. (PG Thesis)
Name of the resident: Dr. G. Susmita Dora
Name of the guide: Dr. Vikas Bhatia
Funding agency: Non - Funded
Duration:1.5 years start year: 2017
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2017-18/34
2. Title of the project: An epidemiological study on Prevalence of depression among elderly and assessing the feasibility of "Problem Solving Therapy in Primary Care" in its management in rural area of Khordha district. Thesis for award of MD Community medicine, AIIMS Bhubaneswar. (PG Thesis)
Name of the resident: Dr. Annu Anthony
Name of the guide: Dr. Vikas Bhatia
Funding agency: Non - Funded
Duration:1.5 years; start year: 2019
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2019-20/50
3. Title of project: Availability of palliative care services and its needs in Khordha district. Thesis for award of MD Community medicine, AIIMS Bhubaneswar. (PG Thesis)
Name of the resident: Dr. Kavi Nila
Name of the guide: Dr. Sonu H Subba
Funding agency: Non - Funded
Duration:1.5 years; start year: 2018
Funds: Non-Funded
IEC No: IEC/AIIMS BBSR/PG Thesis/2018-19/23
4. Title of project: Validation of postpartum depression predictors inventory revised (PDPI-R) and prevalence of postpartum depression among the parents of an urban population in Bhubaneswar (PG Thesis)

Name of the resident: Dr. Jyotsna Nair S

Name of the guide: Dr. Sonu H Subba

Funding agency: Non - Funded

Duration: 1.5 Years; start year: 2019

Funds: Non-Funded

IEC No: IEC/AIIMS BBSR/PG Thesis/2019-20/61

5. Title of project: Community profiling of built environment characteristics impacting lifestyle factors related to Non-communicable diseases in Bhubaneswar city (PG Thesis)

Name of the resident: Dr. Madhushree

Name of the guide: Dr. Binod Kumar Patro

Funding agency: Non - Funded

Duration: 1.5 Years; start year: 2018

Funds: Non-Funded

IEC No: IEC/AIIMS BBSR/PG Thesis/2017-18/37

6. Title of project: Prevalence of elder abuse and perception of the youth towards it in an urban field-practice area of AIIMS Bhubaneswar (PG Thesis)

Name of the resident: Dr. Pradyan

Name of the guide: Dr. Swayam Prangya Parida

Funding agency: Non - Funded

Duration: 1.5 Years; start year: 2018

Funds: Non-Funded

IEC No: IEC/AIIMS BBSR/PG Thesis/2018-19/52

7. Title of project: Tuberculosis case notification by private health care providers in field practice area of AIIMS Bhubaneswar - a mixed method study (PG Thesis)

Name of the resident: Dr. Akshaya

Name of the guide: Dr. Binod Kumar Behera

Funding agency: Non - Funded

Duration: 1.5 years; start year: 2019

Funds: Non-Funded

IEC No: IEC/AIIMS BBSR/PG Thesis/2018-19/51

8. Title of project: A cluster randomized controlled trial to evaluate intervention modelled on health promoting schools framework compared to existing health promotion program in schools in improving selected health outcome and knowledge among children (9-12 grade) in a district of Odisha, India (PG Thesis)

Name of the resident: Dr. Aravinda C

Name of the guide: Dr. Arvind Kumar Singh

Funding agency: Non - Funded

Duration: 1.5 years; start year: 2019

Funds: Non-Funded

IEC No: IEC/AIIMS BBSR/PG Thesis/2019-20/57

9. Title of the project. Cost of Ambulatory care of Diabetes among OPD attendees of a Tertiary Care Hospital

Name of the principal investigator: Dr. Binod Kumar Patro

Funding agency: Non - funded

Duration: 1 year; start year: 2018

Funds: Non- funded

IEC approval number: T/IM-NF/CMFM/17/20

10. Title of the project: Vaccine hesitancy and attitude towards vaccination among caregivers

Name of the principal investigator: Dr. S.P. Parida

Funding agency: Non - Funded

Duration: 1 year; start year: 2019

Funds: Non-Funded

IEC approval number: T/IM-NF/CM&FM/18/57

11. Title of the project: Knowledge and attitude towards organ donation among medical students of AIIMS Bhubaneswar

Name of the principal investigator: Dr. S.P. Parida

Funding agency: Non - Funded

Duration: 1 year; start year: 2019

Funds: Non-Funded

IEC approval number: T/IM-NF/CM&FM/18/66

12. Title of the project: Assessment of awareness, behavior and barriers regarding post exposure prophylaxis and prevention of rabies in patients attending tertiary care center in eastern India- A mixed method approach.

Name of the principal investigator: Dr. S.P. Parida

Funding agency: Non - Funded

Duration: 1 year; start year: 2019

Funds: Non-Funded IEC – T/IM-NF/CM&FM/18/10

13. Title of the project. Developing a tool for assessment of Village Health and Nutrition Day services

Name of the principal investigator: Dr. Arvind Kumar Singh

Funding agency: Non-Funded

Duration, start year: 12 months, 2018

Funds: Non-Funded

IEC approval number: T/IM-NF/CM&FM/18/56

14. Title of the project: Assessment of Knowledge regarding Animal bite management and Demographics of animal bite victims and adherence to treatment among coming to a community health centre

Name of the principal investigator: Dr. Arvind Kumar Singh

Funding agency: Non-Funded

Duration, start year: 12 months, 2018

Funds: Non-Funded

IEC approval number: T/IM-NF/CM&FM/18/54

15. Title of the project: Cost of treatment of Tuberculosis: patient's perspective in a rural district of Odisha

Name of the principal investigator: Dr. Arvind Kumar Singh

Funding agency: Non-Funded

Duration, start year: 12 months, 2018

Funds: Non-Funded

IEC approval number: T/IM-NF/CM&FM/18/55

16. Title of the project. Inventory management of drugs at community health centre, Tangi

Name of the principal investigator: Dr. Arvind Kumar Singh

Funding agency: Non-Funded

Duration, start year: 12 months, 2018

Funds: Non-Funded

IEC approval number: T/IM-NF/CM&FM/18/52

17. Title of the project. Evaluation of Revised National Tuberculosis Control Program at Tuberculosis Unit (Tangi) in Khordha District: A Mixed Method Study

Name of the principal investigator: Dr. Arvind Kumar Singh

Funding agency: Non-Funded

Duration, start year: 12 months, 2018

Funds: Non-Funded

IEC approval number: T/IM-NF/CM&FM/18/51

18. Title of the project: Assessment of clinical and behavioural profile of clients attending ICTC centre of a tertiary care institute in Eastern India; A secondary data analysis

Name of the principal investigator: Dr. Arvind Kumar Singh

Funding agency: Non-Funded

Duration, start year: 12 months, 2018

Funds: Non-Funded

IEC approval number: T/IM-NF/CM&FM/18/53

19. Title of the project: Knowledge and perception about climate change and its impact on health among adolescents.

Name of the principal investigator: Dr.PrajnaParamitaGiri

Funding agency: Non-Funded

Duration: 1 year, start year: 2018

Funds: Non-Funded

IEC approval number: T/IM-NF/CM&FM/18/24

Completed:

1. Title of the project: Assessment of nutritional status in pregnant women using MUAC & BMI and their association with birth weight in a rural setting of Odisha. Thesis for award of MD Community medicine, AIIMS Bhubaneswar (PG Thesis)

Name of Resident: Dr. Kumar Guru Mishra

Name of the guide: Dr.Vikas Bhatia

Funding agency: Non - funded

Duration: 1.5 years; start year: 2017

Funds: Non- funded

IEC approval number: IEC/AIIMS BBSR/PG Thesis/2017-18/7

2. Title of the project: Awareness, attitude & health seeking behaviour regarding cancer among rural population of Tangi block. Thesis for award of MD Community medicine, AIIMS Bhubaneswar (PG thesis)

Name of the resident: Dr.Dinesh Prasad Sahoo

Name of the guide: Dr.Sonu H Subba

Funding agency: Non - funded

Duration:1.5 years; start year: 2017

Funds: Non- funded

IEC approval number: IEC/AIIMS BBSR/PG Thesis/2017-18/6

3. Title of the project: Assessment of Knowledge regarding travel immunisations amongst beneficiaries attending Yellow fever vaccination clinic at AIIMS, Bhubaneswar

Name of the principal investigator: Dr.Vikas Bhatia

Funding agency: Non - funded

Duration:1 year; start year: 2018

Funds: Non- funded

IEC approval number: T/IM-NF/CM&FM/18/31

4. Title of the project: Prevalence of smart phone addiction and its association with quality of sleep among medical undergraduate students of a tertiary care teaching Institute.

Name of the principal investigator:Dr. Manish Taywade

Funding agency: Non-Funded

Duration:1 year; start year: 2017

Funds: Non-Funded

IEC approval number: T/IM-NF/CM&FM/17/44

5. Title of the project: Assessment of Knowledge and selfcare practice among type 2 diabetic patients visiting Non Communicable Diseases Prevention Clinic in AIIMS Bhubaneswar.

Name of the principal investigator:Dr. Manish Taywade

Funding agency: Non-Funded

Duration:1 year; start year: 2017

Funds: Non-Funded

IEC approval number:T/IM-NF/CM&FM/17/45

6. Title of the project: Assessment of Personal Hygiene status among primary school children in Urban Odisha.

Name of the principal investigator:Dr. Manish Taywade

Funding agency: Non-Funded

Duration:1 year; start year: 2017

Funds: Non-Funded

IEC approval number T/IM-NF/CM&FM/17/46

Collaborative projects:

Ongoing:

1. Title of the project: Continuum diabetes care among RNTCP registered tuberculosis patient in Khordha, Odisha, - A mixed method study.

Name of the principal investigator: Dr Binod Kumar Behera

Funding agency:

Duration: 2years; start year: 2018

Funds: Rs. NIL

IEC approval number: T/IM-NF/CMFM/18/40

PUBLICATIONS

1. Mohapatra D, Bhatia V. Gene Xpert MTB/RIF: The evidence-based path breaking diagnostic tool for Tuberculosis diagnosis. *International Journal of Scientific Research*. 2018;7(8): 32-4.
2. Bhatia V, Giri PP, Sahoo SS, Preeti PS, Sahu PS. Mass Drug Administration (MDA) for elimination of Lymphatic Filariasis: Experiences from Nayagarh District of Odisha, India. *Indian J of Community Health*. 2018;30(3):287-92.
3. Bhatia V, Panda PS. Role of Artificial Intelligence (AI) in Public Health. *Indian Journal of Community & Family Medicine*. 2018;4(2):60-4.
4. Bhatia V, Sahoo DP, Parida SP. India steps ahead to curb anaemia: AnemiaMukt Bharat. *Indian Journal of CommHealth*. 2018;30(4):312-6.
5. R. S. R, Dinachandra K, Bhanot A, Unisa S, Menon GT, Agrawal N, Bhatia V et al. Context for layering women's nutrition interventions on a large-scale poverty alleviation program: Evidence from three eastern Indian states. *PLoS One*. 2019;14(1): e0210836.
6. Bhatia V, Parida SP, Giri PP, Pallepuru, Panda PS, Sahoo DP, Sahu DP. Campaign to reduce prevalence of anaemia in Eastern India. *Journal of Community Medicine & Health Education*. 2019; 9:47.
7. Bhatia V, Mahajan P, Parida SP, Bhattacharjee S, Sahoo SS. Challenges in supervision, monitoring and reporting in anemia programme implementation in Odisha, India: A qualitative process documentation. *J Family Med Prim Care*. 2019; 8:1365-9.
8. Kotian DB, Mathews M, Parsekar SS, Nair S, Binu VS, Subba SH. Factors Associated with Social Isolation Among the Older People in India. *J GeriatrPsychy Neurol*. 2018;31(5):271-8.
9. Sahoo SS, Patro BK. Padma Awards in the field of medicine: A shift in the right direction-from super-specialists to public health practitioners. *Natl Med J India*. 2018;31(3):188-90.
10. Behera P, Patro BK. Population Based Cancer Registry of India – The Challenges and Opportunities. *Asian Pac J Cancer Prev*. 2018;19(10):2885-9.
11. Patra S, Patro BK. Collaborative care for depression in diabetes: Challenges, opportunities and strategies. *Natl Med J India*. 2018;31(2):124.
12. Barman A, Mukherjee S, Sahoo J, Maity R, Rao PB, Sinha MK, Sahoo D, Tripathy S, Patro BK, Bag ND. Single intra-articular platelet-rich plasma versus corticosteroid injections in the treatment of adhesive capsulitis of the shoulder: a cohort study. *Am J Phys Med Rehabil*. 2019;98(7):549-57.
13. Sirari T, Patro BK, Datta P. et al. Levels of compliance of self-care practices of diabetes mellitus type 2 patients: a study from a tertiary care hospital of North India. *Int J Diabetes Dev Ctries*. 2019;39(1): 193-200.
14. Palepu S, Patro BK. Management of diabetes mellitus: need for empowering primary health care. *Int J Diabetes Dev Ctries* 2018; 38(4): 514-6.
15. Swain D, Parida SP. Preparedness of young girls for prevention of cervical cancer vaccine and strategy to introduce the HPV vaccine. *Indian J Community Med*. 2018;43: S38- 41.

16. Swain D, Parida SP, Jena SK, Das M, Das H. Obstetric fistula: A challenge to Public health. Indian J Public Health.2019; 63:73-8.
17. Jain M, Tripathy PR, Manik R, Tripathy S, Behera B, Barman A. Short term effect of yoga asana - An adjunct therapy to conventional treatment in frozen shoulder. Journal of Ayurveda and Integrative Medicine. 2019 Mar 14. (Ahead of print)
18. MisraP, Singh AK, Kant S, Srivastava R, Palepu S, Kardam P et al. Glycaemic control among adults with self-reported diabetes in health and demographic surveillance site (HDSS) of rural North India.Int J Diabetes Dev Ctries. DOI 10.1007/s13410-019-00732-3.
19. Srivastava R, Kant S, Singh AK, Saxena R, Yadav K, Pandav CS. Effect of iron and folic acid tablet versus capsule formulation on treatment compliance and iron status among pregnant women: A randomized controlled trial. J Family Med Prim Care. 2019;8(2):378-84.
20. Haldar P, Kant S, Yadav V, Singh AK, et al. Effect of intravenous iron sucrose on haemoglobin level, when administered in a standard-dose, to anemic pregnant women in rural Northern India. J Family Med Prim Care. 2018;7(4):762–8.
21. GiriPP,Tripathy D, Sahoo SS, Bhatia V. Prevalence and correlates of substance use in rural Bhubaneswar- A community based Cross-Sectional Study. Indian J of Community Health. 2019; 31(1):90-6.

BOOKS / MONOGRAPHS

1. Implementation and Monitoring of Intensified Diarrhoea control Month (IDCM) in Kandhamal 2018. AIIMS Bhubaneswar.
2. Anaemia Mukta Bharat. Test and Treat Campaign in Odisha, Jan, 2019.

PATIENT CARE / HOSPITAL SERVICES

Department of CM&FM has been providing curative and preventive services through various clinics in the hospital and also through urban and rural health centres. Currently services are being provided through nine clinics/health centres.

• NCD clinic	:	11913
• Preventive Oncology Clinic	:	298
• Executive Health Check-up	:	372
• Yellow Fever Vaccination Clinic	:	1928
• Immunization Clinic	:	5678
• ICTC	:	20841
• CHC Mendhasal	:	13046
• RHTC Tangi	:	20201
• UHTC Nayapalli	:	17665

• DOTS Clinic	:	4355
• Anti-rabies Vaccination Clinic	:	535
Total	:	96,832

AWARDS, HONORS & SIGNIFICANT EVENTS

Dr.Vikas Bhatia

1. Certificate of Appreciation for innovation for exceptional performance during POSHANMaah-2018 by Ministry of Women and Child Development, Govt of India given by Dr Vinod Paul, Member, NITIAayog, GOI, New Delhi on 10thOct, 2018
2. Invited as technical expert on "Anemia" at AIIMS, New Delhi w.e.f. 23rd to 24th April 2018.
3. Media workshop on AnemiaMukt Bharat Organized & Speaker by AIIMS Bhubaneswar on 28th Sep 2018.
4. Appreciation for Work on Promotion, Prevention and Management of Diarrhoeal diseases in Odisha by Dr. Vinod K. Paul, Member, NITI Aayog, Govt of India, 21stJan,2019.
5. National level Recognition, and empanelment as Visiting Professor, National Level recognition, INDIRA GANDHI TECHNOLOGICAL AND MEDICAL SCIENCES UNIVERSITY, ARUNACHAL PRADESH, Established under the Indira Gandhi Technological and Medical Sciences University Arunachal Pradesh Act 2012, Government of Arunachal Pradesh, January, 2019
6. Guest of honour at ISR Leaders Club, a national organization, Public Seminar on Unwind Responsibility. Key Note Speaker & given honorary membership. Speaker: Health Issues of orphans & under privileged on 3rd Feb 2019.
7. Invited as expert in Technical Resource Group (TRG) on Pneumonia Control at MoH& FW, GOI, New Delhi on 8th March 2019
8. Conferred with Award in Excellence in Community Medicine, Venus International Medical Awards,2018
9. Secretary DHR & Director General, ICMR, Govt. of India nominated expert member of the selection committee for selection of Scientist at Regional Medical Research Centre, Bhubaneswar.
10. Member, Directorate of Public Health 'State Advisory Committee' under National Iodine Deficiency Disorder Control Programme (NIDDCP), Depttof Health and Family Welfare, Govt of Odisha.
11. Invited for the planning and preparatory meeting for POSHANMAAH (National Nutrition Month) by CCM at AIIMS, New Delhi on 29th Aug 2018.
12. Invited and participated at State Task Force Meeting on zoonotic disease, chaired by Dr. P. K. Meherda, IAS Commissioner cum Secretary, Health and FW, Govt. of Odisha on 18th September 2018.

Dr.Sonu H Subba

1. Participated as an expert for the National Programme for Health Care of the Elderly in a workshop organized by WHO, MAMC & MOHFW, GOI from 18th to 20th April 2018.

INDIAN JOURNAL OF COMMUNITY & FAMILY MEDICINE (IJCFM)

Indian Journal of Community and Family Medicine (IJCFM) envisaged during the Community and Family Medicine Conclave held in the National Institute of Health & Family Welfare, New Delhi in December 2013. Approved by the Ministry of Health & Family Welfare, Government of India, it reflects the commitment to promote research and improve health care. Abstracting and Indexing:

The journal is registered with the following abstracting partners: Baidu Scholar, CNKI (China National Knowledge Infrastructure), EBSCO Publishing's Electronic Databases, Ex Libris – Primo Central, Google Scholar, Hinari, Infotrieve, National Science Library, ProQuest, TdNet, Wanfang Data.

The journal is indexed with, or included in, the following: Index Medicus for South-East Asia Region, Indian Science Abstracts

SCOPE OF THE JOURNAL

The journal will endeavour to encompass all fields of community medicine and family medicine. It will include original research relevant to the practice of medicine at primary care level and public health. There will be case reports that will be relevant to medical officers in general practice. It will also cover the latest diagnostic and treatment guidelines for communicable and non-communicable diseases. The section on health policy initiatives can be a forum for disseminating programmatic policies. It will include interviews with doyens of community and family medicine for them to share their vision for healthy nations. It will also strive to share the success stories from various parts of the country and the world, which will serve as inspiration for the readers. The aim will be to range from empowering medical officers at a primary health centre to enrich and inspire the accomplished researchers in academic institutions.

The journal will be available online through Medknow.

ARTICLES FROM DEPT. OF CM & FM PUBLISHED IN THE JOURNAL

1. Bhatia V, Sahoo DP. Editorial. India's Commitment towards Global Vision: "Universal Health Coverage". Indian J of Community & Family Medicine, 2018;4(1): 2-3.
2. Sahoo DP, Bhatia V. Public health legislations In India (Part-I). Indian J of Community & Family Medicine. 2018;4(1):10-4.
3. Behera BK, Sahoo SS, Bhatia V, Mohanty S. Public awareness lectures at hospital complex of AIIMS Bhubaneswar: Bridging the gap between people and healthcare professionals. Indian J of Community & Family Medicine. 2018;4(1):62-4.
4. Mohapatra D, Bhatia V, Parida SP. Diagnostic dilemma in catching Anemia early. Indian Journal of Community & Family Medicine. 2018;4(1):69-74.

5. Bhatia V, Rath RS, Singh AK. Developing the underdeveloped: Aspirational Districts Program from Public Health point of View. Indian J of Community & Family Medicine. 2018;4(2):2-4.
6. Bhatia V, Panda PS. Role of Artificial Intelligence (AI) in Public Health. Indian Journal of Community & Family Medicine. 2018;4(2):60-4
7. Sahu DP, Giri PP, Mohapatra D, Behera BK, Subba SH. Lepromatous Leprosy with Erythematous Nodosum Leprosum: A Public Health. Ind J Com Family Med. 2018;4(2):77-9.
8. Giri PP, Mishra N. A tireless journey towards the service of women and children in tribal areas of Odisha: The story of an Auxillary Nurse Midwife (ANM). Ind J Com Family Med. 2018;4(1):86-8.



CARDIOTHORACIC SURGERY

CARDIOTHORACIC SURGERY

FACULTY

Dr. Satyapriya Mohanty	Associate Professor and HOD.
Dr. Siddhartha Sathia	Associate Professor
Dr. Rudra Pratap Mahapatra	Assistant Professor

HIGHLIGHTS

Three faculty have joined in the Department of Cardiothoracic surgery , in January 2018 , with starting of regular OPD services from 10th January 2018 onwards . The CTVS Ward inaugurated on 10th August 2018 and an independent CTVS ICU was started from October 2018 . CTVS department has started open heart surgery & thoracic surgery. The department has consulted 5180 Number of OPD Patients , treated 359 no of admitted Inpatients and operated more than 75 number of Cardiac , Thoracic and Vascular cases and managed 50 no of cases in ICU . The CTVS department has organised a guest faculty talk on Role of Surgery in management of Congenital Heart Disease with PAH in CTVS Seminar Hall by Dr Smruti Ranjan Mohanty, Consultant pediatric Cardiac Surgeon, Kokilaben Hospital, Mumbai on 18th August 2018. Organised a training programme of CTVS Nursing officers Posted in CTVS OT / ICU /Ward , by guest trainer Dr Anil Tendulkar , Mumbai , in Bhubaneswar on 1st September 2018.

EDUCATION

CTVS department is involved in teaching of MBBS /MS (Surgery)/ OT Technician / Nursing students in Ward, ICU and in OTs. Regular seminar, journal club classes being held in CTVS department. Interdepartmental classes with Cardiac anaesthesia & cardiology (Cath Meet) being held.

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

Dr. Satyapriya Mohanty

1. Attended a CME organised by Techno college of Indian association of cardio thoracic surgeons (IACTS) at Kanpur on 5th May 2018.
2. Attended 12th Annual conference of Venous association of India (VAICON) 2019, January 17th to 19th , Hyderabad.
3. Attended International Lymphoedema Workshop, January 20th 2019, Hyderabad.
4. Attended 27th Annual Conference of Asian society of CardioVascular Thoracic Surgeons (ASCVTS) & 65th Annual Conference of Indian Association of Cardiovascular and Thoracic Surgeons" (IACTSCON) on 21st February to 24th February 2019 at Chennai.
5. Attended as invited speaker in CME on Wound care at AIIMS Bhubaneswar, March 23rd 2019, Bhubaneswar.

6. Attended CME on Perioperative Echocardiography (ABCD-ECHO) at AIIMS Bhubaneswar, March 24th 2019, Bhubaneswar.

Dr Siddhartha Sathia

1. Attended "1st Endovascular CME" on 5th August 2018 at Visakhapatnam.
2. Attended ECMO workshop and CME on 7th and 8th December 2018 at Kolkata .
3. Attended 5th National Update on Clinical Diabetes (NUCD 2019) CME on Wound care at AIIMS Bhubaneswar, January 13th 2019, Bhubaneswar.
4. Attended 12th Annual conference of Venous association of India VAICON 2019, January 17th to 19th, Hyderabad.
5. Attended International Lymphoedema workshop January 20th 2019, Hyderabad.
6. Attended 27th Annual Conference of Asian society of cardiovascular thoracic surgeons & 65th Annual Conference of Indian Association of Cardiovascular and Thoracic Surgeons" on 21st February to 24th February 2019 at Chennai.
7. Attended as invited speaker in CME on Wound care at AIIMS Bhubaneswar, March 23rd 2019, Bhubaneswar.

Dr Rudra Pratap Mahapatra

1. Participated in ECMO workshop and CME on 7th and 8th December 2018 at Kolkata.
2. Attended a CME organised by the Department of Plastic surgery in AIIMS Bhubaneswar on Management of Lymphedema, at AIIMS, Bhubaneswar, January 19th 2019.

RESEARCH PROJECTS

Ongoing:

1. Title of the project : The study of physiological parameters in patients with deep vein thrombosis with and without diabetes mellitus.

Name of the Principal Investigator: Dr Satyapriya Mohanty.

Funding agency /Duration: 02 Years, start year :2019, Non Funded

IEC approval number: IEC/AIIMS BBSR/PG Thesis/2019-20/10

2. Title of the project: The Effect of Selected Yogic Practices on pre and Post op CABG Patients on different Parameters.

Name of the Principal Investigator: Dr Siddhartha Sathia .

Funding agency / NCDIR Duration: 01 Years, start year :2019, Non Funded

IEC approval number: T/IM-NF/CTVS/18/09

PUBLICATION

1. Trivedi J, Mahapatra RP , Gandam R, Ramakrisna GV, Satapathy S , Mohanty S, Allamsetty S, Ebstein's anomaly presenting with acute coronary syndrome-A rare combination , Indian Journal of Cardiothoracic Surgery , IJTC-D-19-0005R3. Journal No- 12055, ISSN:0970-9134

PATIENT CARE / HOSPITAL SERVICES

CTVS Department has regular OPD on all working days with One day (Monday) allotted for regular elective OT .CTVS Ward has 23 numbers of inpatient beds . Department provides open heart surgery & thoracic surgery & vascular surgery & regular round the clock referral & emergency consultation service.



DENTISTRY

DENTISTRY

FACULTY

Dr. Mounabati Mahapatra	Professor and Head
Dr. Ashok Kumar Jena	Associate Professor
Dr. Samapika Routray	Assistant Professor
Dr. Jitendra Sharan	Assistant Professor

HIGHLIGHTS

Organised Continuing Dental Education and Hands On workshop on "Clinical applications of Loupes and Microscopes in Dentistry" on 24th June, 2018. Dr Gitanjali Batmanabane, Director Bhubaneswar graced the workshop as chief guest. Dr P D Joshi and Dr Nitish Kamboj were the Guest Speakers for the workshop. Department of Dentistry on the eve of Oral and Maxillofacial Surgery Day on February 13th 2019, organised a awareness program and skid, in collaboration with Association of Oral and Maxillofacial Surgeons of India(AOMSI) on the topic " Road Safety and Facial Injuries" for Public, MBBS, Nursing and Para-Medical Students of All Institute Medical Science, Bhubaneswar.

EDUCATION

The Department of Dentistry is presently involved in clinical and theory teaching for undergraduate MBBS students. Emphasis is given on clinical teaching utilising chair side demonstration and case based discussions. The Department is also involved in clinical teaching for BSC (Para-medical) for Medical Technology in Radiography(MTR) students in their rotatory clinical postings. Postgraduate teaching has commenced in the speciality of Orthodontics from January 1st 2019. The Department conducts regular General Faculty seminars & seminars, journal club and case discussion for Academic & Non Academic Junior Residents and Senior Residents.

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

Dr Mounabati Mohapatra attended

1. Midcoms-2018, 22nd Mid Term Conference & 8th Post Graduate Convention of Association of Oral and Maxillofacial Surgeons of India (AOMSI) & Joint meeting of Nepal Association of Oral and Maxillofacial Surgeons(NAOMS) held at Kathmandu 26th-28th April 2018 and delivered Keynote lecture on the topic" Improving outcomes in Zygomatico Maxillary Complex Fracture". She presented a Poster on" Complex & Atypical Midfacial fractures in a tertiary care hospital".
2. AO Cranio Maxilla Facial(AOCMF)Seminar- Advances in Temporomandibular Joint Disorders & Management, held at Bombay from 14th -15th July , 2018 organised by Association for the study of Internal fixation(AO)Foundation.

3. Attended the 1st National Seminar on Safety and Quality in Health care on 8th December ,2018 organised by Department of Hospital Administration, All India Medical Sciences, Bhubaneswar.
4. Association of Oral and Maxillofacial Surgeons of India (AOMSI)Master class 2019 held at Siksha 'O' Anusandhan University, from March 13th -16th , 2019 and delivered Guest Lecture on the topic" Cysts of Jaw & Oral Cavity".

Dr Ashok Kumar Jena attended

1. 53rd Indian Orthodontic Conference and delivered guest lecture "Unfolding the breath beyond beauty by functional appliances" at Kochi, Kerala 7-9 December 2018, organised by Indian Orthodontic Society.
2. Module-2 of National Training Program in Cleft & Craniofacial Orthodontics-2018 and delivered a guest lecture "Orthodontic Preparations prior to Alveolar Bone Grafting in Cleft Lip Palate Patients" in held at Kalinga Institute of Technology University, Bhubaneswar 17-18 August 2018 organised by Indian Orthodontic Society.
3. CME "SYNERGY-Live Surgical Workshop on Orthognathic Surgery" and delivered two guest lectures "Clinical and Cephalometric Characteristics & Treatment Planning for Various Dentofacial Deformities", "Role of Maxillo-mandibular Surgery in Obstructive Sleep Apnea" and participated in debate "Surgery first Vs Orthodontics first" on 11-12 May 2018, held and organised Dept. of Plastic Surgery, King George's Medical University, Lucknow.

Dr Samapika Routray attended

1. Observership in Palliative Care at Tata Memorial Hospital, Mumbai from 4th July-15th July,2018.
2. Delivered Public Lecture on "Breast Feeding and Dental Hygiene" on 1st August 2018 at Out Patient Department Foyer, organised by Department of Community Medicine Family Medicine All India Medical Sciences ,Bhubaneswar.
3. Workshop on 'Principles of Cancer Epidemiology', organised by Department of Biostatistics, held at Christian Medical College, Vellore on 11th-13th October,2018.
4. Delivered Public lecture on 'Oral Cancer' on 4th February, 2019 at Out Patient Department Foyer, organised by Department of Community Medicine Family Medicine, All India Medical Sciences ,Bhubaneswar .
5. Sensitization Workshop on Mentoring on 2nd March, 2019 held at College of Nursing, All India Medical Sciences, Bhubaneswar organised by Mentoring Team in Medical Education Unit.

Dr. Jitendra Sharan attended

1. 1st All India Medical Sciences Orthognathic Conference organised held at All India Medical Sciences, New Delhi, from 25th to 26th November 2018 organised by Department of Oral and Maxillofacial Surgery, Centre for Dental Education and Research.
2. 53rd Indian Orthodontic Conference, from 7th-9th December 2018, at Kochi, Kerala organised by Indian Orthodontic Society.

RESEARCH

Funded Projects:

Ongoing :

1. 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: 1.5 years, 2019
Funds: Rs.2,00,000
IEC approval number: IMF/32/2018
2. Title of the project: Sealing efficacy of over the counter desensitizing dentifrices on dentinal tubules: an invitro comparative study
Name of the Principal investigator : Dr Jitendra Sharan
Name of the Co-investigator: Dr Ashok Kumar Jena
Funding agency: AIIMS, Bhubaneswar. Duration, Start year: 2 years, 2019
Funds: Rs.1,85,000
IEC approval number: IMF/36/2018

Completed:

1. Title of the project: Impact of Orthodontic Treatment with Premolars Extraction on the Oral Health Related Quality of Life(OHRQoL) among Adolescents.
Name of the Principal investigator: Dr. Ashok Kumar Jena
Name of the Co-investigator: Dr. Mounabati Mahapatra
Funding agency:AIIMS, Bhubaneswar.
Duration, start year: 02 Years, 2016
Funds: Rs.4,50,000/-
IEC approval number:T/IM-F/Dental/15/10
2. Title of the project: Evaluation of the prognostic effect of Programmed cell death 1(PD-1) and Programmed cell death-ligand 1(PD-L1) expression in tongue squamous cell carcinoma (TSCC).
Name of the Principal investigator: Dr. Samapika Routray
Funding agency: Self
Duration, start year: 1 Year, 2018
IEC approval number:T/IM-NF/Dental/17/35

PUBLICATIONS

1. Mishra P, Mahapatra M, Nayak M, Dash BP, Patra S. Meningioma associated with Gorlin Goltz syndrome and a short review of literature. *Neurol India*. 2019 Mar-Apr;598-595:(2)67. PMID:31085890
2. Mohapatra M, Banushree CS. Osteochondroma condyle: A journey of 20 years in a -52year-old male patient causing severefacial asymmetry and occlusal derangement. *J Oral Maxillofac Pathol*. 2019 Jan-Apr;162:(1)23. PMID:31110443
3. Srivastava A, Mohapatra M, Mahapatra A. Maxillary fungal osteomyelitis: A review of literature and report of a rare case. *Ann Maxillofac Surg* 2019;9:168-73.PMID 23479561
4. Jena AK, Rautray S, Mohapatra M, Singh S. Oral Health Related Quality of Life in Subjects with Oral Submucous Fibrosis in a Tertiary Care Hospital. *Indian Journal Public Health* 2018; 62(4) 271-277. PMID-30539888
5. Routray S. How far can regulating TRIM16 help reduce malignant transformation of OPMD's to OSCC? *Oral Oncol*. 2019 Mar;90:123.PMID:30665706
6. Sivakumar A, Sharan J, Indumati B, Jena AK. Orthodontic appliances and oral hygiene: Are we asking the right questions. *Am J Orthod Dentofac Orthop*. 2018. 154: 155–156. PMID: 30075912

Book Chapter

1. K Gauba, Jena AK. Sleep Disordered Breathing in Children. In: Sobha Tandon; *Pediatric Dentistry*. 3rd ed. Paras Medical Publisher, 2018; Vol-2: 1195-1203.
2. Swain N, Routray S, Holsalkar R, Iyer J, Thakur M. Keratin. *Encyclopedia of Signaling Molecules*. Publisher: Springer, New York, NY. 2018; 2nd Edition.

PATIENT CARE / HOSPITAL SERVICES

Department of Dentistry is providing In patient care as well as Out patient care in various disciplines of Dentistry, like: a) Oral hygiene care, b) Restorations, c) Endodontics, d) Orthodontics, e) Oral and Maxillofacial Surgery & Trauma care, f) Oral pre-cancer and cancer prevention.

This Department is also holding once in every month a Precancer and Cancer screening and Prevention clinic in the Community Medicine and Family Medicine OPD.

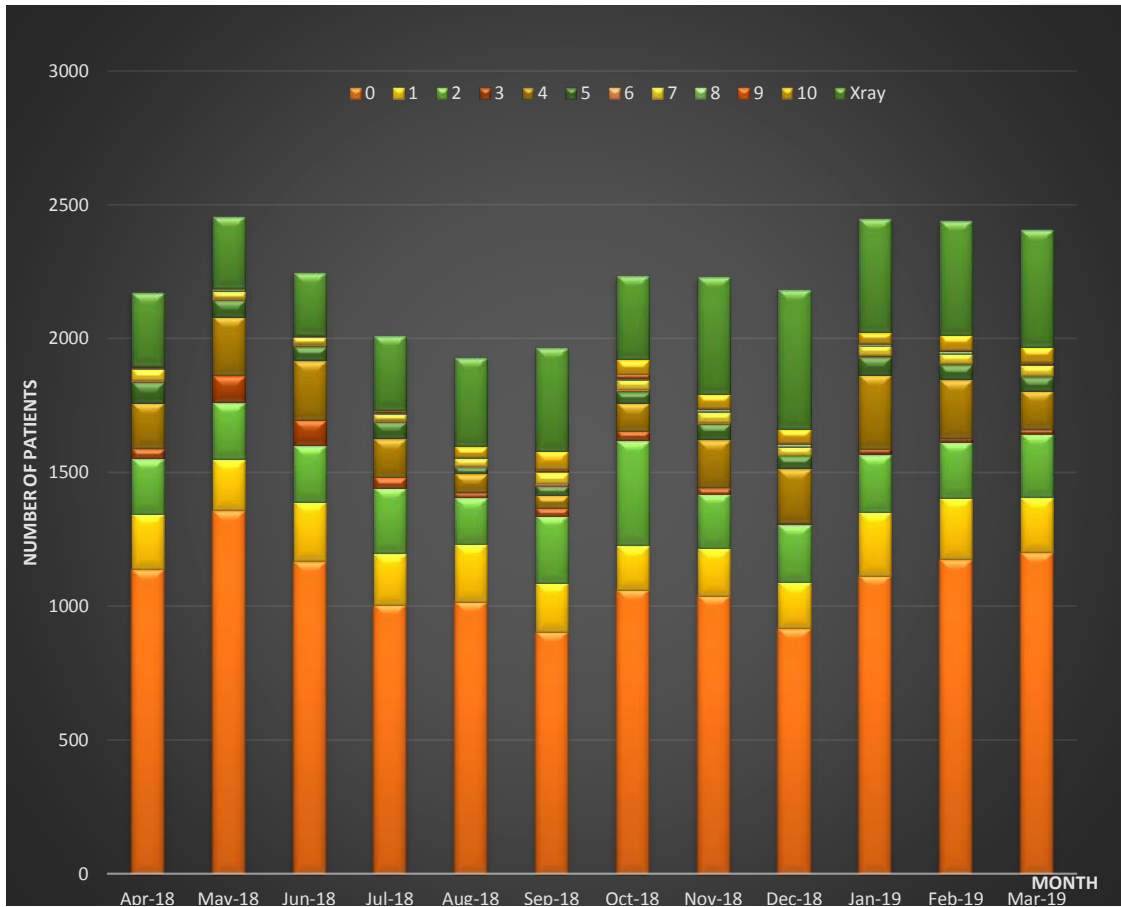
Special clinics are as following:

1. Tempero- Mandibular Joint special clinic: Prof Dr Mounabati Mahapatra
2. Orthodontic Clinic : Dr Ashok Kumar Jena
3. Oral cancer and Pre-cancer Screening Clinic: Dr Samapika Routray

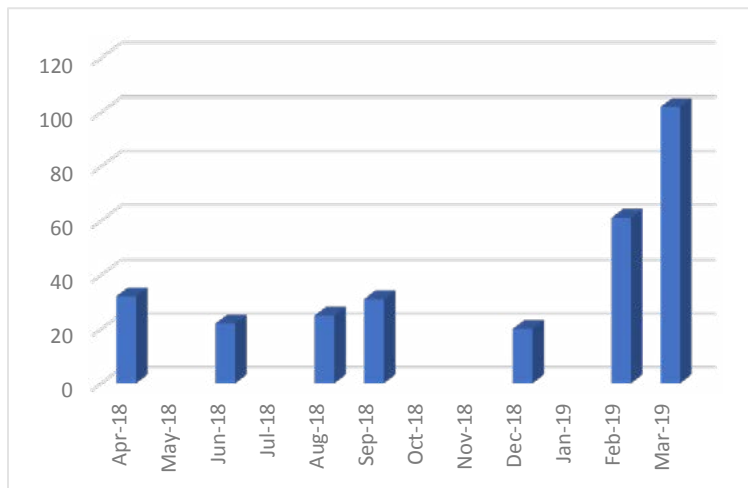
This department provides Out Patient Department services and Interventions in dentistry at All India Institute of Medical Sciences, Balasore Satellite Centre on every Saturday after the establishment of a full-fledged Dental Clinic, since January 2019.

PATIENT STATISTICS

From April 1st 2018 -March 31st 2019



*00:Consultation 01:Orthodontics 02: Extraction 03:Paedodontics 04:Restoration & Endodontics 05: Prophylaxis 06: Prosthodontics 07: Minor Surgery 08: Major Surgery 09:TemporoMandibularJoint Diseases 10: Oral Potentially Malignant Disorder and Oral Squamous Cell Carcinoma



AWARDS, HONORS & SIGNIFICANT EVENTS

1. Dr Ashok Kumar Jena: "Outstanding Researcher in Orthodontics-2018" by Venus International Foundation.
2. Dr Jitendra Sharan: "Indian Orthodontic Society's Colgate Palmolive Research Award" for year 2018.



CDE on "Clinical applications of Loupes an Microscopes in Dentistry"



CDE on "Clinical applications of Loupes an Microscopes in Dentistry"



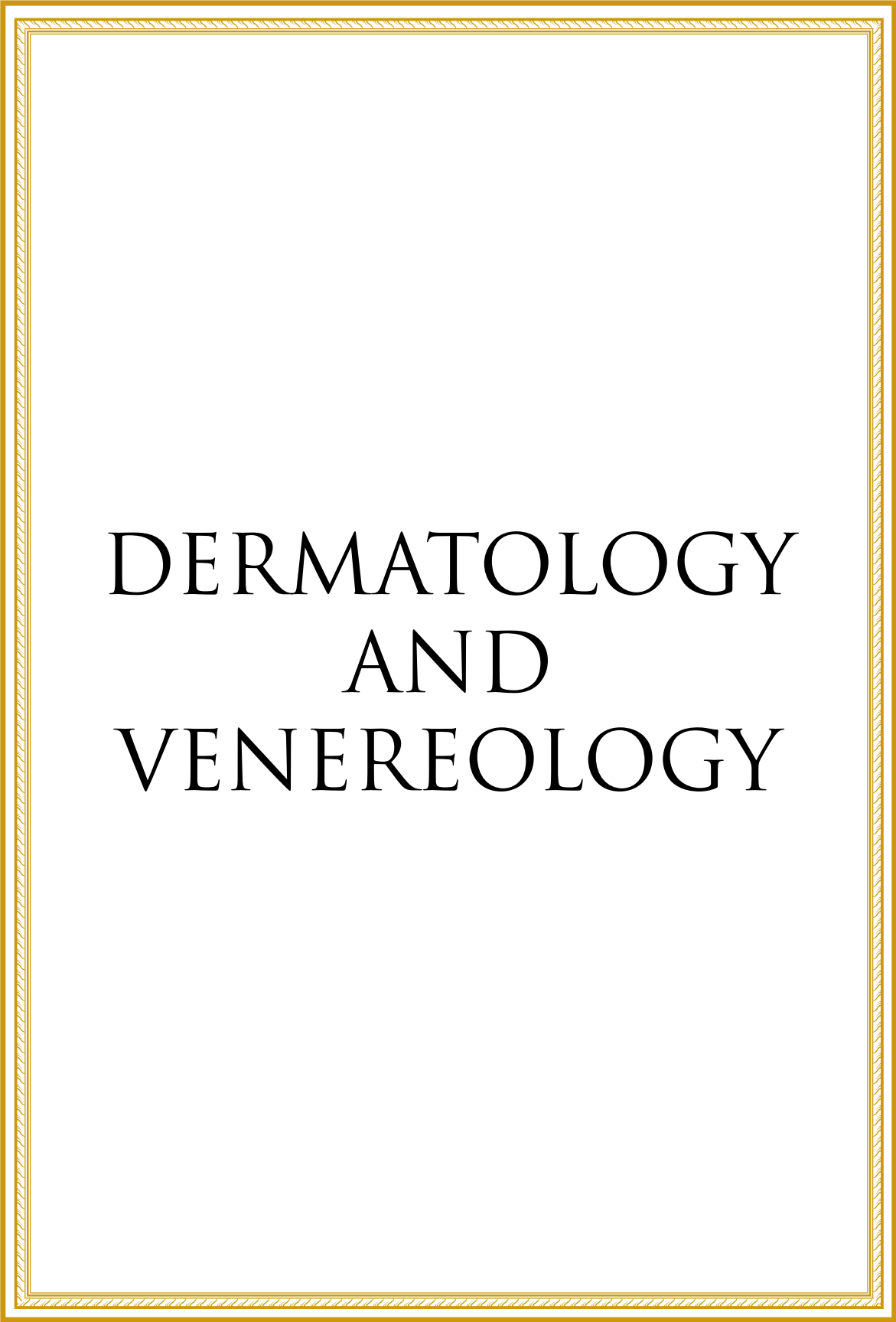
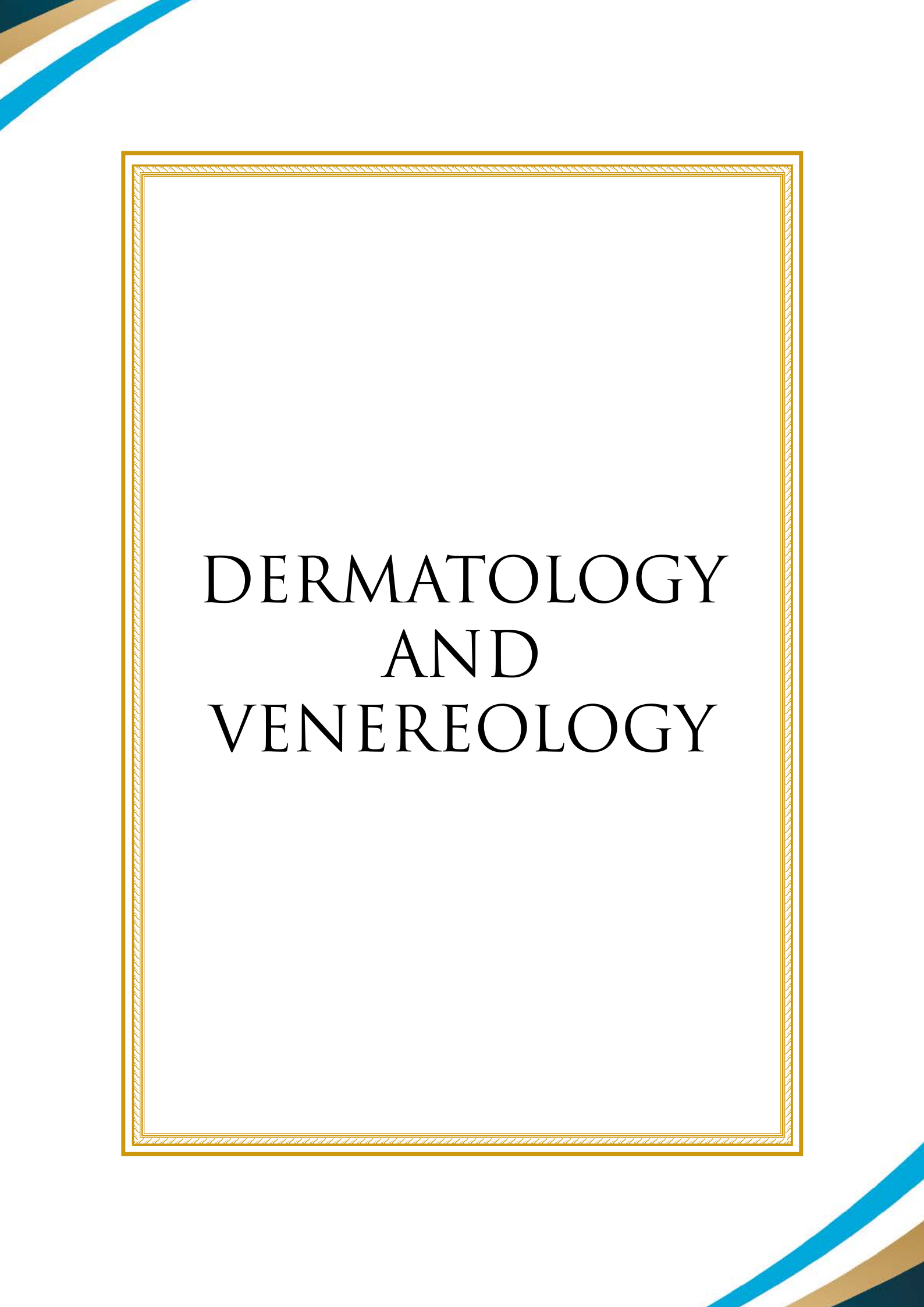
Public Awareness on "Road safety and Facial Injuries"



Public lecture on 'Oral Cancer'



Public lecture on 'Oral Cancer'



DERMATOLOGY
AND
VENEREOLOGY

DERMATOLOGY AND VENERELOGY

FACULTY

Dr. Aparna Palit	Professor
Dr. Chandra Sekhar Sirka	Additional Professor
Dr. Biswanath Behera	Assistant Professor

HIGHLIGHTS

The Department of Dermatology and Venereology has increased the In-patient bed strength from 14 to 21 since July, 2018. Postgraduation course has been started since July 2018 session and at present two postgraduates are pursuing their MD course. A side-laboratory has been established in the department for postgraduate teaching and patient care. A radiofrequency machine has been installed in the outpatient department. The department is actively engaged in postgraduate (MD), undergraduate (MBBS) and B.Sc. (Nursing) teaching and research. Presently two MD dissertations and two funded research projects are going on. Phototherapy and laser unit are to be started in the near future. One CME and one CME cum Workshop were conducted with invited guest speakers from across India. We have observed World skin health day, World vitiligo day and World Leprosy day, and conducted public awareness programme through role play, short talks, essay writing, and drawing by the undergraduate students.

EDUCATION

At present department is actively engaged in postgraduate (MD), undergraduate (MBBS) and B.Sc. (Nursing) teaching. All theory, and practical classes are conducted according to the schedule and as per AIIMS, New Delhi teaching curriculum. Undergraduate students are regularly evaluated during their end of clinical posting for both theory and practical. Both the postgraduates are strictly following the timely checking of evaluation sheets and logbook.

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

Prof (Dr.) Aparna Palit

1. Attended Cuticon Odisha 2018 on 10th and 11th November 2018 at Cuttack, Odisha, organized by Indian association of Dermatologists, Venereologists and Leprologists, Odisha branch, and delivered a lecture on 'How do I approach a case of pediatric psoriasis?'
2. Attended Dermacon International conference on 16th to 20th January 2019 at Bengaluru, India organized by Indian association of Dermatologists, Venereologists and Leprologists, and delivered a lecture on 'Clinical approach to genodermatoses'.
3. Attended Dermacon International conference on 16th to 20th January 2019 at Bengaluru, India organized by Indian association of Dermatologists, Venereologists and Leprologists, as a Panellist in Panel Discussion on 'Treatable genodermatoses'.

Dr. Chandra Sekhar Sirka

1. Attended Leprosy workshop & sensitization on 9th October 2018 at IMA house Bhubaneswar, organized by Indian association of Dermatologists, Venereologists and Leprologists, Odisha branch, and delivered a lecture & demonstrated "Nerve examination".
2. Attended PGCON conference on 6th and 7th October 2018 at Patna, organized by Indian association of Dermatologists, Venereologists and Leprologists, Bihar branch, and delivered a lecture on "What should PG know in collagen vascular disease".
3. Attended Cuticon Odisha 2018 on 10th and 11th November 2018 at Cuttack, Odisha, organized by Indian association of Dermatologists, Venereologists and Leprologists, Odisha branch, and delivered a lecture on "Recurrent fungus".
4. Attended Cuticon Bihar conference on 24th and 25th November at Patna, organized by Indian association of Dermatologists, Venereologists and Leprologists, Bihar branch, and delivered a lecture on "Current understanding on recurrent tinea and present scenario".
5. Attended Onycocon 2018 conference on 1st and 2nd December 2018 at Puri, Odisha, organized by Indian association of Dermatologists, Venereologists and Leprologists, Odisha branch, and delivered a lecture on "Clinical clue to Onychomycosis".
6. Attended Dermazone East conference on 7th to 9th December 2018 at Kaziranga, Assam organized by Indian association of Dermatologists, Venereologists and Leprologists, North East States branch, and delivered a lecture on "Challenges in vesicobullous disease".
7. Attended Dermacon International conference on 17th to 20th December 2018 at Bengaluru, India, organized by Indian association of Dermatologists, Venereologists and Leprologists, and delivered a lecture on "Morphological diagnosis recurrent lesion in treated tinea".
8. Attended CME by IADVL on 9th March 2019 at HHI hotel Bhubaneswar, organized by Indian association of Dermatologists, Venereologists and Leprologists, Odisha branch and delivered a lecture on "Challenges on treatment of Urticaria".

Dr. Biswanath Behera

1. Attended Onychocon 2018 conference from 1st to 2nd December 2018 at Puri, Odisha, organized by Indian association of Dermatologists, Venereologists and Leprologists, Odisha branch, and delivered a lecture on "Pathology of Nail unit".
2. Attended Cuticon Odisha 2018 conference from 10th to 11th November 2018 at Cuttack, Odisha, organized by Indian association of Dermatologists, Venereologists and Leprologists, Odisha branch, as Quiz Master.
3. Attended Odisha state Pedicon 2018 conference on 9th December 2018 at Balasore, Odisha, organized Academy of Pediatrics, Balasore and delivered a lecture on "Skin Microbiome".
4. Attended Paediatric Dermatology CME on 25th November 2018 at Bhubaneswar, Odisha, organized by Indian association of Pediatrics, Odisha branch, and delivered a lecture "A panoramic view of Pediatric Clinical Dermatology".

5. Attended Dermatopathology CME on 2nd and 3rd March 2019 at AIIMS, Bhubaneswar, Odisha, organized by Department of Dermatology and Pathology, AIIMS, Bhubaneswar, and delivered lectures on "Histopathology of Hair", "Lichenoid reaction pattern" and "Psoriasiform reaction pattern".
6. Attended National Workshop on Research Methodology in Health Sciences 2018 on 27th to 29th November 2018 at IMS & SUM Hospital, Bhubaneswar, Odisha organized by Department of Preventive Social Medicine, IMS & SUM Hospital.
7. Attended Workshop on Effective Medical Literature Search on 26th April 2019 at AIIMS, Bhubaneswar, Odisha organized Institute Research Committee, AIIMS, Bhubaneswar.
8. Attended Faculty Development Programme on 29th and 30th March 2019 at AIIMS, Bhubaneswar, Odisha, organized by Medical Education Unit AIIMS, Bhubaneswar.

RESEARCH

Funded Projects:

Ongoing:

1. Title of the project: "The correlation of antidesmoglein and antimuscarinic acetylcholine receptor antibody titers with pemphigus disease activity at baseline and following phase-I and II of pulse therapy".

Name of the principal investigator: Dr. Biswanath Behera

Funding agency: AIIMS, Bhubaneswar

Duration, start year: 2 years, 2018

Funds: Rs. 2, 20000.

IEC approval number-IMF//31/2018

Completed:

1. Title of the project. Relapse of superficial fungal infection in healthy individuals.

Name of the principal investigator- Dr Chandra Sekhar Sirka

Funding agency: AIIMS Bhubaneswar (intramural)

Duration- 1year, start year- June 2017

Funds: Rs.300,000/-

IEC approval number: IEC-T/IM-F/DERMA/15/25

Departmental:

Ongoing:

1. Title of the project: "Outcome in vesico-bullous and SJS/TEN patients that used autoclaved banana leaf spread on bed as a skin care measure at Dermatology ward: A retrospective, cross-sectional and observational study".

Name of the principal investigator: Dr Chandra Sekhar Sirka

Funding agency: NA

Duration, start year: One year, 2019

Funds: Nil

IEC approval number: T/IM-NF/Derma/18/74

PUBLICATIONS

1. Sirka CS, Dash G, Pradhan S, Naik S, Rout AN, Sahu K. Cutaneous Botryomycosis in immunocompetent patients: a case series. *Indian Dermatol Online J.* 2019;10:311-315. PMID: 31149580
2. Sirka CS, Pradhan S. Clinical diagnosis of herpes simplex-infected pemphigus erosions. *Skinmed.* 2019 ;17:96-98. PMID: 31145058.
3. Pradhan S, Sirka CS, Baisakh MR. Polymorphic presentation of disseminated cutaneous rhinosporidiosis in an immunocompetent individual. *Indian J Dermatol VenereolLeprol.*2018;84:614-617. PMID: 30073987
4. Pradhan S, Sirka CS, Panda M, Baisakh M. Lues maligna in an immunocompetent female. *Indian Dermatol Online J.*2018;9:344-346. PMID: 30258808
5. Sirka CS, Pradhan S, Patra S, Padhi S, Das Majumdar SK, Panda D. Hemophagocytic lymphohistiocytosis: a rare, potentially fatal complication in subcutaneous panniculitis like T cell lymphoma. *Indian J Dermatol VenereolLeprol.* 2018 Oct 3. PMID: 30289114. [Epub ahead of print]
6. Sirka CS, Pradhan S, Mohapatra D, Mishra BR. Cutaneous Munchausen syndrome by proxy: a diagnostic challenge for dermatologist. *Indian Dermatol Online J.*2018;9:435-437. PMID: 30505786
7. Pradhan S, Sirka CS, Rout AN, Dash G, Sahu K. Acute methotrexate toxicity due to overdosing in psoriasis: A series of seven cases. *Indian Dermatol Online J.*2019;10:64-68. PMID: 30775303
8. Pradhan S, Sirka CS, Dash G, Mohapatra D. Dermatitis artefacta in a child: An interesting morphological presentation. *Indian Dermatol Online J.*2019;10:72. PMID: 30775305
9. Sirka CS, Dash G, Pradhan S, Baisakh M. Cutaneous rhinosporidiosis presenting as cutaneous horn and verrucous plaque. *Indian Dermatol Online J.*2019;10:178-179. PMID: 30984597

LIST OF CHAPTERS IN BOOKS

1. Palit A, Inamadar AC. Systemic sclerosis: An overview. In: Palit A, Inamadar AC, (eds). Systemic sclerosis: an illustrated guide to manifestations and management in Asian skin. Florida: CRC Press (Taylor & Francis Group); 2019.p.-1-3.
2. Palit A, Inamadar AC. Classification and clinical features. In: Palit A, Inamadar AC, (eds). Systemic sclerosis: an illustrated guide to manifestations and management in Asian skin. Florida: CRC Press (Taylor & Francis Group); 2019;p.-25-44.

LIST OF EDITED BOOKS AND MONOGRAPHS.

1. Palit A, Inamadar AC. Systemic sclerosis: an illustrated guide to manifestations and management in Asian skin. Florida: CRC Press (Taylor & Francis Group); 2019.

PATIENT CARE / HOSPITAL SERVICES

On an average, 250- 300 out-patients are being catered every day in the OPD. At present, afternoon special clinics on Leprosy, Pediatric dermatology and Mycology are being conducted. The department has started patch testing for patients with contact dermatitis. A computerized patient data base for record keeping has been established in OPD. Departmental SOP on safe use of immunosuppressive drugs and procedures has been established.

Visiting scientists:

Professor M. Ramam,

Professor, Department of Dermatology, AIIMS, New Delhi

New Delhi, India

AWARDS, HONORS & SIGNIFICANT EVENTS

A CME on Dermatotherapeutics part-I was conducted on 22nd July 2018, in the Mini-Auditorium, AIIMS Bhubaneswar. A CME cum Workshop on Dermatopathology was conducted on 2nd and 3rd March 2019 in association with Department of Pathology, in the Mini-Auditorium, AIIMS Bhubaneswar. Invited speakers from Institutes of National importance and delegates and postgraduate students from all over Odisha attended the both the academic events.



ENDOCRINOLOGY
&
METABOLISM

ENDOCRINOLOGY & METABOLISM

FACULTY

Dr. Kishore Kumar Behera

Assistant Professor

HIGHLIGHTS

The department conducts diabetes clinic thrice weekly & pituitary and thyroid clinic twice weekly. Monthly patient's turnover is about more than a thousand. In diabetes clinic, we are offering diabetes education, diet counselling and how to lead healthy life style. On every month 2nd Thursday, there is Endo-pathology clinical meet.

Department of Endocrinology is actively involved to arrange various CME and patient's awareness and nurse education programme. In November 2018, a CME & WALKATHON was arranged on the occasion of world diabetes day.

EDUCATION

The department is involved in undergraduate teaching and is actively involved in Induction training programme for Medical officer Govt. Of Odisha. Nurse Education programme on the topic of "Glycaemic management in a hospital" collaborations with AACME (American Academy of Continuous Medical Education) AIIMS Bhubaneswar.

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

1. ESICON 2018 attended Bhubaneswar May Fair
2. ITSCON2019- Presented a oral paper BANGALORE
3. Chair a session in Odisha Endocrine society meet
4. Chair and speaker in DRWA MAY 2019

RESEARCH

Funded Projects:

Ongoing :

1. Title of the project. Effect of 25 (OH) Vitamin-D supplementation on the thyroid autoantibody titre and thyroid function test patients with autoimmune thyroid disease

Name of the principal investigator: Dr Kishore Kumar Behera

Funding agency:AIIMS BBSR

Duration, start year: 2017

Funds: Rs.2,75000

IEC approval number: T/IM-F/17-18/4

Nonfunded:

1. To assess Iodine status among the subjects of Autoimmune and Non-Autoimmune thyroid disease patient by using Urinary Iodine Assay from coastal Odisha- A cross sectional study. T/IM-NF/Endocri/18/11
2. Investigation on prevalence of hypothyroidism in the elderly population in northern Odisha T/IM-NF/Endocri/18/85-
3. Risk stratification and predictability of Diabetic foot using Modified 60 sec diabetic foot screening tool T/IM-NF/Endocri/19/20

PUBLICATIONS

1. Behera KK, Agrawal K, Adhya AK. Graves' Disease with Pancytopenia and Hepatic Dysfunction: A Rare Case Presentation. Indian J Nucl Med. 2019 Jan-Mar;34(1):38-41.
2. Agrawal K, Behera KK et al Graves' Disease in Eutopic Thyroid with Ectopic Mediastinal Thyroid Tissue: Role of Single Photon Emission Computed Tomography. Indian J Nucl Med 2019 Jul-Sept;34(3);230-32 PMC6593940

PATIENT CARE / HOSPITAL SERVICES

At present we have diabetes clinic thrice weekly & pituitary and thyroid clinic twice weekly. Monthly patient's turnover is about more than thousand. Inter departmental referral consultation service is given regularly

The page features a large, empty rectangular frame with a double-line gold border. The inner border has a repeating hatched pattern. The word "ENT" is centered within this frame. The background is white, with decorative curved bands in blue and gold at the top-left and bottom-right corners.

ENT

ENT

FACULTY

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

HIGHLIGHTS

The Department is involved in postgraduate (MS), undergraduate (MBBS) and B.Sc (Nursing) teaching. All 5 faculties have been actively participating in teaching theory, clinical and bed side classes. The Department has successfully organized a national conference, RHINOCON 2018, 31st Annual meeting of All India Rhinology Society, from October 4th-7th, 2018. Presently 4 MS dissertation and five other research projects are going on in the department of ENT. Recently the department of ENT has started pilot cochlear implant programme under RBSK scheme in the state of Odisha and initiated advanced laser surgeries for Head and neck cancer exclusively in the state of Odisha.

EDUCATION

The Department is presently involved in postgraduate (MS), undergraduate (MBBS), B.Sc (Hons) (Nursing) and other paramedical courses. At present 4 postgraduate students are there in the department of ENT.

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

Dr. Pradipta Kumar Parida

1. Participated in World Thyroid Day celebration on 25th May held at AIIMS Bhubaneswar and delivered a talk on "Management of well differentiated cancer of thyroid".
2. Attended '31st Rhinology conference-2018, organized by All India Rhinology Society, from 4th -7th October 2018 at AIIMS Bhubaneswar and presented one paper entitled "Management of CSF rhinorrhea-our experience", participated as a panelist in "Management of Fungal Sinusitis" and "Recurrent Rhino-sinusitis".
3. Attended 15th Annual Conference of the Association of Phono surgeons is organized by Association of Phono Surgeons of India, 2019 from 1st to 3rd Feb.2019 at Kolkata.
4. Attended as an invited faculty in the 'International Update in Laryngotracheal surgery 2019', organized by the Department of Otorhinolaryngology and Head and Neck Surgery from 15th-17th March 2019 at IMS and Sum Hospital, Bhubaneswar and presented a paper entitled "Roll

of coblation in management of Laryngotracheal stenosis” and participated as a panelist for a discussion entitled “Management of Laryngotracheal Stenosis”.

Dr. C. Preetam

1. Guest faculty and demonstrator in Cadaveric workshop and CME on High speed drill techniques, 7th April 2018, AIIMS, Bhubaneswar, Odisha.
2. Attended master class live surgery workshop on 3rd June 2018 at KIMS, Bhubaneswar, Odisha.
3. Guest faculty in Cadaveric dissection and live surgical workshop on Endo ear and endo-nasal surgery, 21st& 22nd September 2018, KIIMS, Bhubaneswar, Odisha.
4. Guest faculty and delivered lecture on “Endoscopic management of anterior skull base lesions” in 41st North West zone conference organized by Association of Otolaryngologists of India from 8th-9th September 2018, Bhatinda, Punjab.
5. Guest faculty and delivered lecture on Approach to anterior skull base lesions: External Vs endoscopic/ Airway stenosis simplified/ panelist in FESS outcomes in 5th annual conference of Indian academy of Otorhinolaryngology and Head and neck surgery 2018, organized by Association of Otolaryngologists of Andhra Pradesh from 9th -12th August 2018, Vijayawada, Andhra Pradesh.
6. Guest faculty and delivered lecture on Candidacy criteria for cochlear implantation at “annual conference of the Cochlear Implant Group of India 2018” organized by Cochlear Implant Group of India from 29th November to 1st December 2018 at Daman & Diu.
7. Guest faculty and delivered lecture on skull base trauma in Symposium on Radiology of Skull base at the 11th International Symposium on Recent Advances in Rhinosinusitis and Nasal Polyposis 2018, organized by Association of Otolaryngologists, Bangalore, from 9th -11th November 2018 at NIMHANS, Bangalore.
8. Guest faculty and delivered lecture on Complications of Tracheoesophageal Prosthesis and troubleshooting at AIIMS, Laryngology update 2019, 10th-12th March 2019, AIIMS, New Delhi.

Dr. Saurav Sarkar

1. Invited Faculty in the 4th Facial Plastics and Rhinoplasty Cadaveric Workshop in 6th Feb 2019 at AIIMS, New Delhi.
2. Participated in the 79th National Course on Educational Science for Teachers of Health Professionals in September 2018 held at JIPMER
3. Presented Paper and Video in 17th Asia Ocenia Conference from 9th -13th January 2019, at Hyderabad.

Dr. Pradeep Pradhan

1. Attended the “27th Annual National Conference of the Indian Society of Otolaryngology, organized by Indian Society of Otolaryngology from 16th -18th November 2018 at MYSURU and presented a paper titled “To evaluate the postoperative outcomes of the endoscopic stapes surgery carried out in a single tertiary care centre”.

2. Attended the "27th Annual National Conference of the Indian Society of Otolaryngology, organized by Indian Society of Otolaryngology from 16th -18th November 2018 at MYSURU and presented a video titled "Endoscopic Stapedotomy".
3. Attended 21th Rhinoplasty and Facial Plastic Surgery Workshop from 6th -8th April 2018 at Indore.
4. Attended the Workshop on "Fundamentals of Biostatistics, Principles of Epidemiology and SPSS" from 11th-14th February 2019 at Vellore.
5. Organized and chaired a session of "Challenges in Rhinoplasty" in the '31st Rhinology conference-2018, organized by All India Rhinology Society from 4th -7th October 2018 at AIIMS Bhubaneswar.
6. Participated as faculty in the workshop on "Effective medical literature search" on 27th April 2019 at All India Institute of Medical sciences, Bhubaneswar.

Dr. Dillip Kumar Samal

1. Attended the "27th Annual National Conference of the Indian Society of Otolaryngology, organized by Indian Society of Otolaryngology from 16th -18th November 2018 at MYSURU and presented a paper titled "Melanoma of External Auditory Canal: An uncommon entity".
2. Attended the Workshop on "Fundamentals of Biostatistics, Principles of Epidemiology and SPSS" from 11th -14th February 2019 at Vellore.

RESEARCH

Funded Extramural Projects:

Ongoing:

1. Title of the project: ICMR multicentric national task force on "Prevalence and etiology of hearing impairment".
Name of PI: Dr C Preetam
Funding agency: ICMR
Duration, Start Year: 3 Year, 2015
Funds: 3rd Year, Rs. 40, 69,864/-
IEC approval number: T/EM-F/ENT/15/12

Projects completed:

1. Title of the project: Cloud assisted WBAN based Ubiquitous Healthcare Management System and its Application in Telemedicine.
Name of PI: Dr. Saurav Sarkar
Funding agency: MHRD
Duration, Start Year: 3 years, 2013

Funds: 40 lakhs

IEC approval number: T/EM-F/ENT/16/10

2. Title of the project: Correlation Between Sphenoid Sinus Pneumatisation and pituitary tumors

Name of PI: Dr. Saurav Sarkar

Funding agency: ICMR

Duration, Start Year: 2 months 2018

Funds: STS

IEC approval number: IEC/AIIMS-BBSR/STS-UG/2017-18/11

Funded Intramural:

Projects: Ongoing:

1. Title of the project: "The use of Honey in treatment of atrophic rhinitis – a non randomized control trial"

Name of PI: Dr. Saurav Sarkar

Funding agency: AIIMS, BBSR

Duration, Start Year: 1 Year, 2018

Funds: 3 lakhs

IEC approval number: T/IM-F/17-18/18

2. Title of the project: To compare the clinical outcome and patient satisfaction between inflatable (rapid rhino) and non-inflatable hemostats (merocoel) in endoscopic sinonasal surgeries; a randomized controlled study.

Name of the principal investigator: Dr. Pradeep Pradhan

Funding agency: AIIMS, Bhubaneswar

Duration, start year: One year, 2018

Funds- Rs. 1,00,500

IEC approval number-Code T/IM-F/17-18/23

Non funded Intramural Projects:

Ongoing:

1. Title of the project: "Assessment of risk Factors determining the prevalence of Cervical Lymph Node Metastasis in patient with Squamous Cell Carcinoma of the Oral Cavity."

Name of PI: Dr. Pradipta Kumar Parida

Funding agency: NA Thesis Dissertation

Duration, Start Year: 2 Year, 2018

Funds: NA

IEC approval number: T/IM-NF/ENT/18/23

Departmental projects (including thesis/dissertations)

Ongoing

1. Title of the thesis: "Role of platelet rich plasma in temporalis fascia myringoplasty-a randomized controlled trial
Name of the candidate: Prity Sharma
Name of the guide: Dr. Pradipta Kumar Parida
Funding agency: NA
Duration, start year: 1.5 years, 2018
Funds: NA, Thesis Dissertation
IEC approval number: IEC/AIIMSBBSR/PG Thesis/2017-18/26
2. Title of the project: Prevalence of skip metastases to level IIb, IV and level V lymph nodes in Oral cavity cancer in eastern region of India- An observational study
Name of PI: Dr. Anupama Girish
Funding agency: NA
Duration, Start: 1.5yrs, 2018
Funds: NA
IEC approval number: IEC/AIIMS BBSR/PG THESIS/2018-19/22

PUBLICATIONS

1. Pradhan P, Samal S, Preetam C, Samal D, Parida P. Pectoralis Major Myocutaneous Flap reconstruction for the mandibular defects in advanced oral cavity malignancies: a retrospective study of 30 cases. Indian J Otolaryngol Head Neck Surg. 2018;70(3):415-420. PMID:30211100
2. Pradhan P, Preetam C, Parida P, Samal S, Samal D. Surgical Management of parapharyngeal space tumours in a single tertiary care center. Indian J Otolaryngol Head Neck Surg. 2018;70(4):531-537. PMID:30464911
3. Pradhan P, Samal S, Preetam C, Samal S, Prida P. Submental Island Flap reconstruction for carcinoma of the oral cavity, our experience in 30 cases. World J Otorhinolaryngol Head Neck Surg. 2019 Mar 11; 5(2):65-70. PMID:31334483
4. Pradhan S, Samal S, Pradhan P, Parida P, Preetam C. Vallecular neurofibroma successfully managed with endoscopic assisted coblation: a novel technique. Indian J Otolaryngol Head Neck Surg. 2019;71(2):282-283. PMID:31275845
5. Agrawal K, Patro PSS, Pradhan P. Triple Ectopic Thyroid Detected on SPECT/CT: A Rare Case Report. Clin Nucl Med. 2019 Jul;44(7):e453-e455. PMID:30985427

6. Pradhan P, Samal D, Preetam C, Parida P. Intraorbital and Intracranial complication of acute rhinosinusitis, a rare case report. Iran J Otorhinolaryngol. 2018 Sep;30(100): 301-304. PMID:30245985
7. PradhanP, PreetamC, SamalS, SamalDK, ParidaPK.Surgical management of extracranial nerve sheath tumours in a tertiary care center. World J Otorhinolaryngol Head Neck Surg. 2019 Mar 16;5(2):76-81. PMID: 31334485.
8. Samal S, Pradhan P, Preetam C, Patra S. Oropharyngeal paraganglioma presenting with stridor: An unusual presentation. BMJ Case Reports.2018. doi:10.1136/bcr-2018-225607.PMID: 29973412
9. Mallik, M; Samal, S; Pradhan, P, Mitra S. Laryngopyocele in an adult female mimicking an infected branchial cyst. BMJ case reports. 2018, bcr-2018-225796.PMID: 30037841
10. PradhanP, MallickM, SamalS, PatraS. Solitary vallecular neurofibroma presenting with respiratory obstruction: an unusual presentation. BMJ Case Reports. 2018 Oct 7;2018. pii: bcr-2018-225330. PMID:30297491.
11. Jain M, Sarkar S, Naik S, Behera S. Iliac bone tuberculosis with bicompartamental abscess. BMJ Case reports. 2018. Pages 1-2. PMID: 30077985

PATIENT CARE / HOSPITAL SERVICES

The department runs special clinics like head neck cancer clinic, vertigo clinic, voice clinic, and otology clinic in the afternoon. The Department is well equipped with audiology and speech evaluation setups to provide rehabilitation services to patients with hearing loss and speech disorder. The department is also actively running the universal neonatal screening for hearing loss and Post cochlear implantation rehabilitative services for free of cost. Recently the department of ENT has started cochlear implant programme under RBSK scheme and 4 patients have undergone implant surgery for congenital hearing loss.

DEPARTMENTAL STATISTICS

OPD Attendance (No of patients)	47,984
Minor OPD procedure (No of patients)	4,469
Major Surgeries (No of patients)	533

AWARD HONORS & SIGNIFICANT EVENTS

Dr. Saurav Sarkar:

1. 3rd Prize in Junior Consultant Award Paper Presentation in RHINOCON from October 4th-7th 2018 at AIIMS Bhubaneswar.



FORENSIC MEDICINE
AND
TOXICOLOGY

FORENSIC MEDICINE AND TOXICOLOGY

FACULTY

Dr. Manoj Kumar Mohanty	Professor & Head
Dr. Manas Ranjan Sahu	Associate Professor
Dr. Sudipta Ranjan Singh	Associate Professor

HIGHLIGHTS

The Department of Forensic Medicine & Toxicology is providing 24x7 body preservation facility. Along with-it medicolegal autopsy services are being conducted for all unnatural deaths of AIIMS, Hospital and cases under the jurisdiction of Khandagiri and Janla P.S. The department is also conducting Pathological autopsy in collaboration of Department of Pathology. The department is an active partner of "The Stillbirths and Birth Defects Cell of AIIMS Bhubaneswar" and is facilitating new-born autopsies. Faculties and resident doctors of the department are providing round the clock medicolegal consultancy service to other faculties and casualty medical officer in the Hospital.

The department had organised two CME on PC & PNDD act (8th July 2018 & 26th Feb 2019) in collaboration with PC & PNDD cell, Directorate of Family welfare, Odisha for the final year students of AIIMS, BBSR and students of all medical colleges of Bhubaneswar. The department is also engaged in training of resident doctors on medical ethics. A training was also undertaken for clinical resident doctors for better handling of medicolegal records and reports.

EDUCATION

The department is providing teaching to MBBS, MD, BSc and BSc paramedical students.

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

Dr. Manoj Kumar Mohanty

1. Attended workshop on "Transformation in Forensic Analytical Toxicology" on 26th October 2018.
2. Attended conference of "Indian Association of Medico-Legal Experts (IAMLE) at Dr D Y Patil Medical College, Hospital and Research Centre, Pune on 27th & 28th October 2018.
3. Attended National seminar on Patient Safety and Quality on 8th December 2018 at AIIMS, Bhubaneswar.

Dr. Manas Ranjan Sahu

1. Attended National conference, TOXOCON 12, from 6th April to 7th April, 2018 At Sikkim Manipal Institute of medical Science, Gangtok.

2. Attended National seminar on patient safety and quality in healthcare on 8th December at AIIMS, Bhubaneswar.
3. Attended National conference of Indian Academy of Forensic Medicine (FORENSIC MEDICON – 2019) from 31st January to 2nd February, 2019 at Dr SN Medical college, Jodhpur, Rajasthan.

Dr. Sudipta Ranjan Singh

1. Attended National seminar on Patient Safety and Quality on 8th December 2018 at AIIMS, Bhubaneswar.
2. Attended 2nd JIPMER Research Leadership Mentoring Programme (JRLMP-2, Phase-1) at Jawaharlal Institute of Postgraduate Medical Education & Research, Puducherry on 4th-8th February 2019.
3. Attended Sensitization Workshop on Mentorship at AIIMS, Bhubaneswar on 2nd March 2019.

RESEARCH

Funded Projects:

1. Title of the project: Skeletal age estimation from manubrium of known age and sex – autopsy-based study.

Name of the principal investigator: Dr Manas Ranjan Sahu

Funding agency: AIIMS Bhubaneswar

Duration/ start year: 1 year, 2018

Funds: Rs: 25,000

IEC approval number: T/IM-F/18-19/01

PATIENT CARE

The department runs an inhouse clinical forensic facility where routine medicolegal examination and reporting is done. The department also provides guidance to other clinical departments regarding management of poisoning cases and other medicolegal issues.



GASTROENTEROLOGY

GASTROENTEROLOGY

FACULTY

Dr Subash Chadra Samal	Professor and Head
Dr Manas Kumar Panigrahi	Associate Professor
Dr Hemanta Kumar Nayak	Assistant Professor

HIGHLIGHTS

The Department has been strengthened by increase in faculty and residents and other staff. At present there are three faculties in the department. We are presently involved in super speciality (DM), postgraduate (MD/MS), undergraduate (MBBS) teaching. The department provides all routine outpatients, in patients and specialised endoscopic services to the public. The faculties regularly attend and present various National and International Seminars, Workshops and Conferences to update their knowledge.

EDUCATION

The DM teaching programme started from July 2018 session. Each year we get two DM candidate selected at all India level. At present we have 3 DM residents. We are presently involved in super speciality (DM), postgraduate (MD/MS), undergraduate (MBBS) teaching. As a part of the DM training programme we are conducting topic seminar, journal club, case presentation on weekly basis. We provide the opportunities to our 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 summative assessments. We had submitted the detail proposal to start the endoscopy technician course from next session.

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

Dr Subash Chadra Samal

1. Invited as a faculty at 59th annual conference of Indian Society of Gastroenterology (ISGCON) and chair a session on "Recent Management of Hepatitis B"on 29/11/2018 at Kochi, Kerala, India.
2. Invited as a speaker by Indian Medical Association (IMA) Rourkela Branch, to present on "Focal Microbiota transplantation".

Dr Manas Kumar Panigrahi

1. Attended as faculty in Indian Society of Gastroenterology (ISG) Task force meeting on "Portal Hypertensive upper Gastrointestinal Bleeding" at Coorg, Karnataka and presented the topic Esophageal variceal Bleeding- natural history" on 16/06/2018.

2. Invited as a faculty at 59th annual conference of Indian Society of Gastroenterology (ISGCON) and chair a session on "Recent Management of Hepatitis C" on 29/11/2018 at Kochi, Kerala, India.
3. Presented the Poster "Detection of Helicobacter pylori in proton pump inhibitor era" at 59th annual conference of Indian Society of Gastroenterology at Kochi, Kerala, India.
4. Invited as a Faculty at 1st Kalinga prospective of Liver disease (KPLD) meet at KIMS, Bhubaneswar on 10/02/2019 and presented "Hepatocellular carcinoma Diagnostic Aspect- selected abstracts from 2018 American Society of study of Liver disease(AASLD), European Society of Liver disease (EASL) and Digestive Disease Week(DDW) meetings".
5. Attended "workshop on effective medical literature search" on 27/04/2019 at AIIMS, Bhubaneswar.
6. Invited as a speaker on the occasion of world digestive Health day 2019 and presented the topic "Prevention of colonic cancer- Indian perspective" at Cuttack on 29/05/2019.

RESEARCH

Funded Projects:

Ongoing:

1. Title of the project: "Interaction of Gastric Redox Potential and microbiome in peptic ulcer" - Pilot study
Dr Manas Kumar Panigrahi
Funding agency: AIIMS, Bhubaneswar
Duration, start year: 2018 Funds: Rs.595000
IEC approval number: T/IM-F/217-18/19

Departmental:

Ongoing: P G Thesis

1. Title of the project: The effect of proton pump inhibitors on Helicobacter pylori related gastritis with endoscopic and histopathological correlation. Dr Subash Chandra Samal, Dr Sunil J Bhat
Funding agency: Non funded
Duration, start year: 2018-2021
Funds: Nil
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2018-19/42

PATIENT CARE / HOSPITAL SERVICES

Total patients visited Gastroenterology Department:	17,331
Total Outdoor patients: 13,831, Total Indoor patients:	457
Upper GI Endoscopy:	2277
Endotherapy:	46
Colonoscopy:	299

AWARDS, HONORS & SIGNIFICANT EVENTS

World Hepatitis day was observed on 28/07/2018 at AIIMS, Bhubaneswar. We conducted Hepatitis Quiz for MBBS student, Poster competition for Nursing students, awareness rally was conducted, public lecture was done and CME was organized.



GENERAL MEDICINE

GENERAL MEDICINE

FACULTY

Dr. Anupam Dey	Associate Professor & HOD-in-Charge
Dr. Rashmi Ranjan Mohanty	Associate Professor
Dr. Sujata Devi	Assistant Professor
Dr. Rajesh Kumar	Assistant Professor
Dr. Anupama Behera	Assistant Professor
Dr. Debananda Sahoo	Assistant Professor
Dr. Dhriti Sundar Das	Assistant Professor

HIGHLIGHTS

This department primarily focuses on comprehensive quality care to the patients apart from teaching and training young minds (medical and nursing students). Although it has been just 06 years since inception, the department has been accredited to start post graduate programme with an annual intake of 4 students in two sessions. The department also has to its credit leading collaborative and interdisciplinary advancements in the field of research. The present armoury of faculties and residents cooperatively strives towards equitable care and best possible healthcare service to the people of Odisha and neighbouring states. This department also caters to one of the maximum patient attendance including both indoor and outdoor department.

EDUCATION

The department conducts a holistic undergraduate MBBS teaching programme under the new curriculum which comprises of lectures, seminars, integrated teaching, clinical case conferences, and bedside clinical teachings to name a few. It is also involved in teaching of nursing and OTAT students. Moreover, after induction of PG students, the department follows the new PG curriculum including journal club, seminars, case discussions. The residents of the department are also actively involved in the teaching programme. Participation of the faculties as resource person for induction training of newly appointed Medical officers (State government) conducted by the department of Community & Family Medicine, AIIMS Bhubaneswar and community programmes as in electronic media.

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

Dr. Anupam Dey

1. Attended 26th Annual Conference of Delhi Diabetic Forum (DIABCON 2018) held from 28th to 29th April, 2018 at New Delhi Delivered a lecture titled "Glucagon pivot in managing Diabetes".

2. Attended CME/Workshop on “Meloidosis, A neglected tropical disease: Optimal Approach to Clinical and laboratory Diagnosis held on 11th August 2018, at AIIMS Bhubaneswar Delivered a lecture titled “Optimising treatment in Meloidosis”.
3. Attended IDF Diabetes Complications Congress 2018 held from 25th to 27th October, 2018 at Hyderabad Presented a poster titled “Diabetes can repeatedly attack the eye and face”.
4. Attended ICMR-Pfizer workshop on AMSP held on 19th November 2018, at New Delhi.
5. Attended 70th Annual Conference of Cardiological Society of India (CSICON 2018) held from 22nd to 25th November, 2018 at Mumbai Presented a poster titled “Chest pain in sickle cell disease calls for a thorough cardiac evaluation”.
6. Attended 1st National Seminar on Patient Safety and Quality held on 8th December 2018, at AIIMS Bhubaneswar.
7. Attended Sensitization Workshop on Patient Safety and Quality of Care held on 9th December 2018, at AIIMS Bhubaneswar.
8. Attended Obesity Odisha 2018 – 3rd Annual Conference of All India Association for Advancing Research in Obesity, Odisha State Chapter held on 16th December 2018, at Bhubaneswar Delivered a lecture titled “Who is the culprit for weight gain - gene or lifestyle”.
9. Attended American Society of Hematology (ASH) Highlights 2018 held on 19th January, 2019 at Bhubaneswar Chaired the lecture on “Thrombosis and thrombocytopenia – A Double Edged Sword” which was delivered by an eminent haematologist from Eastern India.
10. Attended 74th Annual Conference of Association of Physicians of India (APICON 2019) held from 7th to 10th February, 2019 at Kochi Chaired an update session with 2 lectures (New Food Obsession: Low Carb Diet and Management Of Severe Tetanus).

Dr. Rashmi Ranjan Mohanty

1. Attended 8th Annual conference of clinical infectious diseases society (CIDSCON 2018) held from 16th -18th August, 2018 at Vellore.
2. Attended 25th Annual conference of Indian Society of Critical Care Medicine (CRITICARE 2019) held from 01/02/2019 to 03/02/2019 in Mumbai.
3. Attended Mycology conference by Fungal Infection Study Forum (FISF) (MYCOCON 2019) –at Hyderabad from 09/03/2019 TO 10/03/2019.

Dr. Sujata Devi

1. Attended 8th Annual conference of clinical infectious diseases society (CIDSCON 2018) held from 16th -18th August, 2018 at Vellore.
2. Attended 6th Annual conference of Research Society for the Study of Diabetes in India- Odisha Chapter (RSSDI- ODISHA) 2018 held from 8th – 9th September, 2018 at Cuttack, Odisha.

3. Attended 38th Annual conference of Association of Physicians of India - Odisha Chapter (APICON 2018) held between 10th – 11th Nov 2018 at VIMSAR, Burla, Odisha.
4. Attended 48th Annual Conference of Endocrine Society of India (ESICON 2018) from 15th – 18th November 2018 in Bhubaneswar, Odisha.
5. Attended 59th Annual conference of Indian society of gastroenterology (ISGCON 2018) held from 28th November – 1st December, 2018 at Kochi, Kerala and presented a poster on “Isolated tubercular liver abscess in a patient without immunodeficiency: A rare case report”.
6. Attended National Seminar on Patient Safety And Quality in Healthcare 2018 organised by Department of Hospital Administration, AIIMS, Bhubaneswar on 8th December 2018 at AIIMS, Bhubaneswar, Odisha.
7. Attended 5th National Update On Clinical Diabetes (NUCD 2019) held from 12-13th January, 2019 in Bhubaneswar, Odisha.
8. Attended 74th Annual conference of the Association of Physicians of India (APICON 2019) held from 7th - 10th February, 2019 at Kochi, Kerala and presented a free paper on “ A rare case of Rheumatoid Arthritis with concurrent Multicentric Reticulocytosis”.
9. Delivered a public lecture on topic “ clinical presentation of tuberculosis” on World TB day on 24th March 2019 at AIIMS, Bhubaneswar.

Dr. Rajesh Kumar

1. Attended 8th Annual conference of clinical infectious diseases society (CIDSCON 2018) held from 16th -18th August, 2018 at Vellore.
2. Attended Annual Conference of Indian Rheumatology Association (IRACON 2018) held from 6th – 9th December 2018 in Guwahati, Assam.
3. Attended Indo-UK rheumatology summit 2019 – held from 30th – 31st march 2019 in Gurgaon and presented a poster on ‘TTP as initial presenter of SLE.’

Dr. Anupama Behera

1. Attended Workshop on echocardiography (ECHO BEAT 2018) organised by Hi-Tech Medical College & Hospital Bhubaneswar on 23rd September 2018 in Bhubaneswar, Odisha.
2. Attended 38th Annual conference of Association of Physicians of India - Odisha Chapter (APICON 2018) held between 10th – 11th Nov 2018 at VIMSAR, Burla, Odisha.
3. Attended 48th Annual Conference of Endocrine Society of India (ESICON 2018) from 15th – 18th November 2018 in Bhubaneswar, Odisha.
4. Attended National Seminar on Patient Safety And Quality in Healthcare 2018 organised by Department of Hospital Administration, AIIMS, Bhubaneswar on 8th December 2018 at AIIMS, Bhubaneswar, Odisha.

5. Attended Faculty development program (FDP) on assessment held in AIIMS, Bhubaneswar from 29th - 30th March 2019.

Dr. Debananda Sahoo

1. Attended Workshop on echocardiography (ECHO BEAT 2018) organised by Hi-Tech Medical College & Hospital Bhubaneswar on 23rd September 2018 in Bhubaneswar, Odisha.
2. Attended 6th Annual conference of Research Society for the Study of Diabetes in India- Odisha Chapter (RSSDI- ODISHA 2018) held from 8th – 9th September,2018 at Cuttack, Odisha.
3. Attended 48th Annual Conference of Endocrine Society of India (ESICON 2018) from 15th – 18th November 2018 in Bhubaneswar, Odisha.
4. Attended National Seminar on Patient Safety And Quality in Healthcare 2018 organised by Department of Hospital Administration, AIIMS, Bhubaneswar on 8th December 2018 at AIIMS, Bhubaneswar, Odisha.
5. Attended 5th National Update On Clinical Diabetes (NUCD 2019) held from 12-13th January, 2019 in Bhubaneswar, Odisha.

Dr. Dhriti Sundar Das

1. Attended Melioidosis, A neglected Tropical Disease: Optimal Approach To Clinical And Laboratory Diagnosis organized by Department of Microbiology, AIIMS Bhubaneswar on 11 August 2018.
2. Attended 6th Annual conference of Research Society for the Study of Diabetes in India- Odisha Chapter (RSSDI- ODISHA 2018) –held from 8th – 9th September,2018 at Cuttack, Odisha.
3. Attended Workshop on echocardiography (ECHOBEAT 2018) organised by Hi-Tech Medical College & Hospital Bhubaneswar on 23rd September 2018 in Bhubaneswar,Odisha.
4. Attended 48th Annual Conference of Endocrine Society of India (ESICON 2018) held from 15th – 18th November 2018 in Bhubaneswar, Odisha.
5. Attended National Seminar on Patient Safety And Quality in Healthcare 2018 organised by Department of Hospital Administration, AIIMS, Bhubaneswar on 8th December 2018 at AIIMS, Bhubaneswar, Odisha.
6. Attended 14th International Conference on Vectors And Vector Borne Diseases organized by ICMR-RMRC Bhubaneswar and NAVBD, India from 9-11 January 2019 in Bhubaneswar, Odisha and delivered an Oral Presentation.
7. Attended 5th National Update On Clinical Diabetes (NUCD 2019) held from 12-13th January, 2019 in Bhubaneswar, Odisha.

RESEARCH

Funded Projects:

Ongoing :

1. Title of the project – Initiating Antimicrobial Stewardship activities at AIIMS Bhubaneswar
Name of the principal investigator: Dr. Anupam Dey
Funding Agency: AIIMS-CDC
Duration, start year: 1 year, March 2019
Funds: Rs. 7.14 lakhs.
IEC approval number: T/EM-F/GEN MED/18/10 DT. 19.11.2018
2. Title of the project – Association of Vitamin D deficiency and Dyslipidemia in Outpatients at AIIMS Bhubaneswar
Name of the principal investigator: Dr. Anupam Dey
Funding Agency: AIIMS Bhubaneswar
Duration, start year : 2 years, 2017
Funds: Rs. 1.75 lakhs.
IEC approval number: T/IM-F/MED/15/27
3. Title of the project – Harmonised diagnostic assessment of dementia for longitudinal aging study in India (LASI)
Name of the principal investigator: Dr. Rashmi Ranjan Mohanty
Funding Agency: NIH, USA and UNHPA
Duration, start year : 1 year, 2017
Funds: Rs. 22 lakhs.
IEC approval number: T/EMF/MED/17/02 DT. 12.05.2017
4. Title of the project – Estimation of serum omentin 1 and IL-6 in type 2 diabetes mellitus with early stage of diabetic nephropathy.
Name of the principal investigator: Dr. Sujata Devi
Funding Agency: AIIMS, Bhubaneswar
Duration, start year : 1 year, 2019
Funds: Rs. 280800/-
IEC approval number: T/IM-F/18-19/27 Dt 28/02/2019

PUBLICATIONS:

List of papers published in Journals

1. Meher BR, Balan S, Mohanty RR, Jena M, Das S. Biosimilars in India; Current Status and Future Perspectives. J Pharm Bioallied Sci. 2019 11(1):12-15. PMID: 30906134

PATIENT CARE / HOSPITAL SERVICES

Departmental statistics:

1. Total OPD patients: 95143
2. Total Indoor ward admissions: 909
3. Total ICU admissions: 267
4. Total Private Ward admissions: 120

Day Care services: Day care treatment including Minor procedures, Intraarticular injections and Biologicals administration is being provided to needy patients attending OPD.

Participation of faculty member (Dr. Debananda Sahoo) in health camp by Rotary club on 24th March 2019 held in Bhubaneswar, Odisha

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.

Balasore Satellite OPD: Regular monthly OPD service is rendered by the department at Balasore Satellite OPD.

AWARDS, HONORS & SIGNIFICANT EVENTS

1. Dr. Sujata Devi received Association of Physicians of India (APICON 2014) original paper merit award in Association of Physicians of India (APICON) 2019 held at Kochi, Kerala.



Dr. Dhriti S Das at ICOV 14 at Bhubaneswar



Dr. Anupam Dey at APICON 2019 conference at Kochi



Dr. Anupam Dey at Obesity Odisha 2018 conference in Bhubaneswar



Dr. Anupam Dey at the DIABCON 2018 conference at New Delhi



Dr. Anupam Dey at ICMR-Pfizer workshop on AMSP at New Delhi



Faculties and Senior Residents welcoming the 1st batch of Post graduate Residents of dept of Gen Medicine in January 2019



GENERAL SURGERY

GENERAL SURGERY

FACULTY

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

HIGHLIGHTS

The Minimal Invasive Training Centre was inaugurated in the department by our director Dr Gitanjali Batmanabane. Dr S. Manwar Ali received first prize in free paper presentation in the national conference of Association of Surgeons (ASICON) in Chennai. Dr Ankit Sahoo received second prize in PG paper presentation and Quiz in OSASICON. Dr Vamshi Krishna presented a paper on Barriers of Breast conservation Surgery in IOPBS 2018 held in Goa. Dr. Shritosh Kumar received second prize in E-poster presentation at IAGES 2019.

EDUCATION

1. One day Breast cancer CME was organized for the post graduates on 18th January 2019, at AIIMS, Bhubaneswar.
2. Organized a "CME on Wound Care" on 23rd March 2019, at AIIMS, Bhubaneswar.

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

Dr. Manash Ranjan Sahoo

1. Conducted Advanced Laparoscopic Surgery Workshop in Mandalay University Hospital, Myanmar under the auspices of Association of Minimal Association Surgeons of India from 7th to 12th March 2019.
2. Attended and participated in a debate in favour of Laparoscopic D2 Gastrectomy in National conference of Indian Association of Surgical Gastroenterology (IASG), from 4th to 7th October 2018 at Chandigarh.

3. Attended "Excellence in GI Surgery Conference" from 17th -18th June 2018 at Hyderabad as the member of the committee responsible for revision of MCh/DNB Surgical Gastroenterology curriculum in the country.
4. Attended Indian Association of Surgical Gastroenterology conference (PINNACLE) 2018 as a faculty member for teaching and training on "Laparoscopic colorectal surgery" on 8th September 2018 in Chennai.
5. Attended Odisha State Chapter- Association of Surgeons of India (OSASICON) 2019 as a faculty and organizing committee member and conducted live operative workshop on 18th January 2019 at Balasore, Odisha.

Dr. Tushar Subhadarshan Mishra

1. Attended Abdominal wall reconstruction conference (AWRCON) 2018, the annual conference of International Hernia Society, from 3rd to 5th May, 2019 at New Delhi.
2. Attended the Odisha State Chapter- Association of Surgeons of India (OSASICON) 2018, held from 11th-12th August at Jajpur, as a faculty and presented a paper titled, "Recent advances in laparoscopic Surgery." at Jajpur.
3. Attended the National Medical UG Workshop cum Conference (WISSEN) 2018 as a faculty, held from 19th to 21st August, 2018 at AIIMS Bhubaneswar.
4. Attended the Annual Conference of Indian Association of Surgical Oncology (NATCON IASO) 2018, the 32nd Annual National Conference of IASO from 21st to 23rd September, 2018 at Kovalam, Trivandrum and participated as a faculty in the panel discussion titled "INDO-SINGAPORE MEETING - Challenges of treating oncologist in young patient with family history of cancer - Treating the patient and protecting the kin".
5. Attended the National Academy of Medical Sciences conference (NAMSCON) 2018, the annual conference of the National Academy of Medical Sciences from 26th to 28th October, 2018 at Pondicherry.
6. Attended National Seminar on patient safety and quality conference, on 8th December, 2018, at AIIMS Bhubaneswar.
7. Attended Association of Surgeons of India (ASICON) 2018 held from 26th to 31st December, 2018 at Chennai and participated in a panel discussion titled "Neck Dissection".
8. Attended Odisha State Chapter- Association of Surgeons of India (OSASICON) 2019 conference, from 19th to 20th January 2019, at Balasore as a faculty and made a video presentation titled "Thoraco-laparoscopic esophagectomy".
9. Attended the 16th Annual Congress of Indian Association of Gastrointestinal Endosurgeons (IAGES) 2019, held from 7-9, February 2019 at Bhubaneswar as a faculty and presented a paper titled "Scolicidal agents for Hydatid cysts – Have you got the agent and concentration right?"

10. Attended the 18th Surgery of the Foregut symposium and the 6th Annual International Conference of Florescence guided surgery from 16th to 20th February 2019 at Fort Lauderdale Florida, USA, as a faculty and presented a paper titled "Blue Dye as a Substitute of Florescence Imaging in Low Resource Set Up and Developing Countries".
11. Attended Wound care CME programme, on 23rd March, 2019 at AIIMS, Bhubaneswar as a faculty and presented lecture titled "Classification of wound and guidelines for management".
12. Attended the 13th AIIMS Surgical Week (ENDOSURG) 2019 conference, from 28th to 31st March 2019, at AIIMS, New Delhi as a faculty and chaired the live surgery session.

Dr. Prakash Kumar Sasmal

1. Attended Abdominal wall reconstruction conference (AWRCON) 2018, The annual conference of International hernia society, from 3rd to 5th May, 2019 at New Delhi.
2. Attended the 55th Association of Minimal Access surgeons of India (AMASI) skill course & FMAS exam 2018, from 13th to 15th April 2019, at VAPI, Gujarat and presented lecture titled "Laparoscopic management of Achalasia Cardia" and "Laparoscopic management of Pseudocyst of the pancreas".
3. Attended 14th Annual Surgical Oncology Workshop (ONCOSURG) 2018 conference, from 2nd to 4th November 2018, at Tata Memorial Centre, Mumbai.
4. Attended Association of Minimal Access surgeons of India (AMASICON) 2018 conference as a Faculty, from 15th to 17th November 2018, at SGPGI, Lucknow as a panelist in the session on Bariatric Surgery: which procedures and why?
5. Attended National Seminar on patient safety and quality conference, on 8th December, 2018, at AIIMS Bhubaneswar.
6. Attended Odisha State Chapter- Association of Surgeons of India (OSASICON) 2019 conference, from 19th to 20th January 2019, at Balasore and presented a paper titled "Laparoscopic management of congenital bands and adhesive intestinal obstruction".
7. Attended the 17th National conference of the Obesity Surgery Society of India, (OSSICON 2019) conference, from 24th to 26th January, at Kolkata.
8. Attended Indian Association of Gastrointestinal Endosurgeons (IAGES) 2019 conference as a Faculty, from 6th to 9th February 2019, at Bhubaneswar and presented paper title "Multi-visceral hydatid disease".
9. Attended Wound care CME programme, on 23rd March, 2019 at AIIMS, Bhubaneswar as a faculty and presented a lecture titled "Dressing materials".
10. Attended 13th AIIMS Surgical Week (ENDOSURG) 2019 conference, from 28th to 31st March 2019, at AIIMS, New Delhi.

Dr. S Manwar Ali

1. Attended National Seminar on patient Safety & Quality as Resource Person in AIIMS Bhubaneswar on 8th December 2018.
2. Attended Workshop 14th Annual Surgical Oncology Workshop (ONCOSURG) in Tata memorial Hospital in Mumbai from 2nd-4th November 2018.
3. Attended Association of Surgeons of India Conference (ASICON) 25th to 30th December 2018 at Chennai and won First Prize for free paper presentation
4. Attended as an Invited Faculty in the Third JIPMER Surgery Update on 9th& 10th of March 2019.
5. Attended CME and Workshop conducted by Dept of Burns & Plastic AIIMS Bhubaneswar on Management of Lymphoedema and chaired a session 17th January 2019.
6. Attended Wound care CME programme by Dept. of Surgery, AIIMS Bhubaneswar on 23rd March 2019 as Faculty and delivered lecture.

Dr.Mithilesh Kumar Sinha

1. Attended a workshop on "Bio statistical analysis on SPSS and research paper writing", at NICPR Noida from 23 - 27th April 2018.
2. Attended WISSEN 2018 at AIIMS Bhubaneswar from 19- 21st August 2018 as a resource faculty.
3. Attended Endoscopic and Laparoscopic Surgeons of Asia (ELSA) 2018 at Kuala Lumpur, Malaysia, from 16-17th November 2018 and presented a poster titled " Operative challenges in TEP: a beginner's perspective" .
4. Attended National Seminar on patient safety and quality conference, on 8th December, 2018, at AIIMS Bhubaneswar.
5. Attended Wound care CME programme, on 23rd March, 2019 at AIIMS, Bhubaneswar as a faculty and contributed questions for MCQ session.

Dr. Pradeep Kumar Singh

1. Attended 12th AIIMS Surgical Week (ENDOSURG) 2018 at AIIMS New Delhi from 20th April to 22nd April 2018 as faculty and chaired free paper session.
2. Attended National Medical UG Workshop cum Conference (WISSEN) 2018 at AIIMS Bhubaneswar from 19th to 21st August 2018 as faculty and instructor for basic knotting and suturing techniques.
3. Attended workshop on Bio-statistics at NIE Chennai from 10th to 14th December 2018.
4. Attended 16th Annual congress of 16th Annual Congress of Indian Association of Gastrointestinal Endosurgeons (IAGES) at SOA university, Bhubaneswar from 6th to 9th February 2019.
5. Attended Wound care CME programme by Dept. of Surgery, AIIMS Bhubaneswar on 23rd March 2019 as Faculty and delivered lecture on current concepts in management of decubitus ulcer.

6. Attended 13th AIIMS Surgical Week (ENDOSURG) 2019 at AIIMS New Delhi from 28th to 31st March 2019 as faculty and chaired competitive paper session.

Dr. Pankaj Kumar

1. Attended 12th AIIMS Surgical Week (ENDOSURG) 2018 from 19th -22nd April, 2018 at AIIMS New Delhi as an invited faculty.
2. Attended 4th Indo British Advanced Master Class in Oncoplastic Breast Surgery & breast cancer symposium 2018 from 17th -19th August 2018 at Pune,India.
3. Attended training course on Bio-statistical Analysis on SPSS and Research paper writing from 10th to 14th September 2018 in ICOP, Noida.
4. Attended 7th International Oncoplastic Breast Surgery symposium from 26th to 28th October 2018 from in Goa.
5. Attended European Colorectal congress 2018 from 2nd to 6th December 2018 at St Gallen, Switzerland and presented a poster on "Therapeutic impact of routine preoperative imaging in fistula in ano-retrospective analysis".
6. Attended National Seminar on patient safety and quality conference, on 8th December, 2018, at AIIMS Bhubaneswar and participated in Petcha-Kutchra.
7. Attended 16th Annual conference of Indian Association of Gastrointestinal Endosurgeons from 7th- 9th February 2019 at Bhubaneswar, Odisha and won second prize (presented by Dr Shritosh Kumar-Academic Junior Resident) for a poster on "Laparoscopic Ladd's procedure for intestinal malrotation presenting as acute intestinal obstruction in adult".
8. Attended training course on Short term training programme on Systematic Review and Meta analysis using RevMan in IIPH, Gurugram, from 11th -15th March 2019 at Gurugram.
9. Attended Wound care CME as faculty on 23rd March 2019 at AIIMS Bhubaneswar and delivered a lecture on factors responsible for wound healing.
10. Attended 13th AIIMS Surgical Week (ENDOSURG) 2019 from 28th -30th March, 2019 at AIIMS New Delhi as an invited faculty.

Dr. Bikram Rout

1. Attended the National Medical UG Workshop cum Conference 2018, an undergraduate level workshop held at AIIMS Bhubaneswar on 19th -21st August 2018 as a faculty.
2. Attended the 58th Association of Minimal Access surgeons of India Skill Course and Fellowship of Minimal Access Surgery, FMAS Examination held on 19th - 21st October 2018 at Lady Hardinge Medical College, New Delhi and cleared the exam.
3. Attended the 16th Annual Congress of Indian Association of Gastrointestinal Endosurgeons on 7th - 9th February 2019 at IMS & Sum Hospital Bhubaneswar, Odisha as a delegate.

4. Attended the Wound Care CME organised at AIIMS Bhubaneswar on 23rd March 2109 as a faculty.

RESEARCH

Departmental:

Completed:

Funded Projects:

1. Title of the project: An open-label, randomized, comparative, multicentric, parallel group, phase-III study to compare the efficacy and safety of two squirts of Diclofenac rectal solution with applicator (Diclofenac sodium 50mg/squirt) of Lincoln pharmaceuticals Ltd, India with Jonac suppository (Diclofenac sodium 100mg) of German remedies (Cadila healthcare ltd.) in patients with post-operative pain.

Name of the principal investigator: Dr Tushar S Mishra

Funding agency: Lincoln pharmaceuticals Ltd

Duration, start year: 1 year, 2017

Funds: Rs 90000

IEC approval number: T/EM-F/Surg/17/12

2. Title of the project. Effectiveness of intralesional triamcinolone in ganglion cysts

Name of the principal investigator: Dr Mithilesh Kumar Sinha

Funding agency: AIIMS, Bhubaneswar

Duration, start year: 2 years,2017

Funds: Rs.50,000/-

IEC approval number:T/IM-F/28/2016

3. Title of the project: Ksharsutra as an out-patient treatment for simple and complex fistula in ano-
An observational study

Name of the principal investigator: Dr Pankaj Kumar

Funding agency: AIIMS, Bhubaneswar

Duration, start year: 2 Years,2017

Funds: Rs.2,10,000

IEC approval number:T/IM-F/17-18/ 2017

Non Funded projects:

1. Title of the project: Blue dye as a substitute of fluorescence imaging in low resource set up and developing countries

Name of the principal investigator: Dr Tushar Subhadarshan Mishra

Funding agency: nil

Duration, Start year: 1 year, 2018

Funds: Nil

IEC approval number: T/IM-NF/Surg/18/46

2. Title of the project: Therapeutic impact of routine preoperative imaging in fistula in ano-retrospective analysis

Name of the principal investigator: Dr Pankaj Kumar

Funding agency: nil

Duration, Start year: 1 year, 2018

Funds: Nil

IEC approval number: T/IM-NF/Surg/18/34

Ongoing :

Funded Projects:

1. Title of the project: A Prospective, Multicenter, Randomized, Double-blind, Parallel group Study to Compare the Efficacy and Safety of GBR 200 (Similar biologic of Trastuzumab) versus Innovator Trastuzumab, both when Given in Combination with Paclitaxel in Patients Diagnosed with HER2 Positive Metastatic Breast Cancer

Name of the principal investigator: Dr Tushar Subhadarshan Mishra

Funding agency: Lincoln pharmaceuticals ltd

Duration, Start year: 1 year, 2018

Funds: Rs 6,43,300

IEC approval number: T/EM-F/Surg/17/33

2. Title of the project: To assess the efficacy of vacuum assisted closure therapy for post-operative abdominal wound dehiscence- An observational study

Name of the principal investigator: Dr S.Manwar Ali

Funding agency: AIIMS, Bhubaneswar

Duration, start year: 2 year, 2017

Funds: Rs.2,50,000

IEC approval number: IEC/AIIMS BBSR/PG Thesis/2017-18/2

3. 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 principal investigator : Dr Pradeep Kumar Singh

Funding agency: AIIMS Bhubaneswar

Duration/start year: 2 yrs/2019

Funds: Rs 190000/-

IEC approval number: T/IM-F/18-19/22

4. Title of the project. Serum Tissue Plasminogen Actvator levels in patients with Diabetic Foot

Name of the principal investigator Dr S Manwar Ali

Funding agency:AIIMS Bhubaneswar

Duration/start year:2 yrs, 2019

Funds: Rs.119000/-

IEC approval number:T/IM-F/18-19/26

Non Funded projects:

1. Title of the project: Comparison of Enhanced Recovery after Surgery vs conventional approach in Gastric Cancer –A randomized controlled trial.

Name of the principal investigator: Dr Tushar S Mishra

Funding agency: PG thesis, AIIMS

Duration, start year: 2 yrs, 2017

Funds: Nil

IEC approval number: IEC/AIIMS BBSR/PG Thesis/2017-18/17

2. Title of the project: Comparative study between Desarda and Lichtenstein's technique for inguinal hernia repair under local anaesthesia: A double blind randomised controlled trial

Name of the principal investigator: Dr Prakash Kumar Sasmal

Funding agency: PG thesis, AIIMS

Duration, start year: 2 yrs, 2018

Funds: Nil

IEC approval number: IEC/AIIMS BBSR/PG Thesis/2017-18/38

3. Title of the project: Comparison of mesh fixation with tackers to use of self fixating mesh in total extra peritoneal inguinal hernia repair: A double blinded randomized controlled trial

Name of the principal investigator: Dr Tushar S Mishra

Funding agency: PG thesis, AIIMS

Duration, start year: 2 yrs, 2018

Funds: Nil

IEC approval number: IEC/AIIMS BBSR/PG Thesis/2017-18/39

4. Title of the project::Ligation of Intersphincteric fistula tract (LIFT) versus Endomucosal Rectal Advancement Flap (ERAF) in patients with high Fistula in ano: A Prospective double blind randomized controlled Trial.

Name of the principal investigator: Dr Pankaj kumar

Funding agency: PG thesis, AIIMS Duration, start year: 2 yrs, 2018

Funds: Nil

IEC approval number: IEC/AIIMS BBSR/ PG Thesis/2018-19/37

Collaborative projects:

Ongoing

1. Title of the project: Understanding the Genetic and Molecular changes in Chronic Pancreatitis and Pancreatic cancer

Name of the principal investigator – Dr Tushar S Mishra

Funding agency: DBT (Govt of India)_

Duration, start year: 2 years,2018

Funds: Nil for AIIMS BBSRs 25 lakhs for NIBG Kalyani

IEC approval number:T/EM-F/Surg/17/14

PUBLICATIONS

1. Barman A, Mukherjee S, Sahoo J, Maity R, Rao PB, Sinha MK, et al. Single intra-articular platelet-rich plasma versus corticosteroid injections in the treatment of adhesive capsulitis of the shoulder: a cohort study. *Am J Phys Med Rehabil.* 2019 Jan 23.PMID: 30676339
2. Tripathy S, Rath S, Agrawal S, Rao PB, Panda A, Mishra TS, Nayak S. Opioid-free anesthesia for breast cancer surgery: An observational study. *Journal of anaesthesia, clinical pharmacology.* 2018 Jan;34(1):35.PMID: 29643620
3. Pattnaik SA, Mitra S, Mishra TS, Purkait S, Kumar P, Naik S. A Vasculitis-Associated Neuromuscular and Vascular Hamartoma Presenting as a Fatal Form of Abdominal Cocoon. *International journal of surgical pathology.* 2019 Feb;27(1):108-15.PMID: 29992844
4. Sable M, Mishra T. Cancer surveillance of the indigenous population in India: Much needed. *Indian journal of cancer.* 2019 Mar 1;56(2):182-3.PMID: 31062742
5. Purohit G, Mohanty S, Tirkey R, Sasmal P K. Inadvertent detection of massive *Enterobius vermicularis* infection in an asymptomatic adult with rectal blowout following barotrauma.. *Annals of parasitology,* 2019; 65(1):103-5.PMID: 31127895
6. Dr P K Sasmal has authored the chapter on “Complications of Acute Pancreatitis” in the 16th volume of “Recent advances in Surgery” of Jaypee publication by Roshan Lal Gupta in January 2019.

PATIENT CARE / HOSPITAL SERVICES

The department census for last year was : Total OPD registration: 45765, Minor OT: 982, Coloproctology Clinic: 5077, Dressing Room: 6498, Endoscopy: 217, Major OT: 923, IPD Admissions: 1335

AWARDS, HONORS & SIGNIFICANT EVENTS

Dr. Manash Ranjan Sahoo

1. Member of curriculum revision committee for revision of M.Ch/ DNB (Surgical Gastroenterology) in India.
2. Member of committee for "Minimal Access Surgery Guideline Revision" in India.

Dr.Tushar Subhadarshan Mishra

1. Awarded the membership of National Academy of Medical Sciences (MNAMS) in October 2018

Dr. Bikram Rout

1. Awarded the FMAS (Fellowship of Minimal Access Surgery) after the 58th AMASI Skill Course and FMAS Examination held on 19th - 21st October 2018 at Lady Hardinge Medical College, New Delhi



HOSPITAL ADMINISTRATION

HOSPITAL ADMINISTRATION

FACULTY

Dr Jawahar SK Pillai	Additional Professor & Head
Dr (Maj) Mukunda Chandra Sahoo	Associate Professor

HIGHLIGHTS

The Department of Hospital Administration was inaugurated on 5th July 2018 at the new premises in the second floor, OPD Block by Dr Gitanjali Batmanabane (Director AIIMS - Bhubaneswar), in presence of Dr DK Sharma (MS, AIIMS - New Delhi) and Dr Sachidananda Mohanty (MS, AIIMS BBSR). The MD in Hospital Administration was started at AIIMS, Bhubaneswar from January, 2019 and this is the third National Institute to have MD Programme in Hospital Administration after AIIMS, New Delhi and PGI Chandigarh. The Senior Residency in the Department was started in July 2018. The faculties of the department were actively involved with kayakalp visit, Human Resource Development cell, Ayushman Bharat Scheme, Quality & safety programme and AIIMS Satellite Centre at Balasore. Dr Pillai was principal Assessor for NABH assessment of hospitals in Coimbatore, Kochi and Kolkata.

EDUCATION

The faculty of the Department is taking regular classes for MD Residents in Hospital Administration, residents of other departments, foundation classes for MBBS students, classes for paramedical courses, nursing and also teaching faculty for induction & in-service training for staff. Three MHA students from other universities attended the internship programme in the department in the year 2018-2019.

CMES/WORKSHOPS/SYMPOSIA/NATIONAL AND INTERNATIONAL CONFERENCES

1. The Department organized National seminar and workshop on "Patient safety and Quality in Health care" under ABQC initiative on Nov 8th and 9th 2018.
2. Dr George Mathew (Associate Prof- Sports Authority of India) was invited to deliver a guest lecture on Ergonomics on 1st August 2018.
3. Dr Shyama Nagarajan, Director, Sahamanthran delivered a talk on "quality improvement programme in hospitals" on 24th January 2019.
4. Dr Amitabh Dutta, Consultant, Anaesthesiologist delivered a talk on "Ethics in Anaesthesiology practice" on 24th January 2019.

Dr Jawahar S K Pillai

1. Attended workshop on quality at AIIMS, New Delhi on Nov 20th 2018.

2. Delivered a talk to senior hospital administrators on “conflict management” at a session organized by Dale Carnegie University in Bhubaneswar on 21st Sept 2018.
3. Attended training for Ayushman Bharat coordinators conducted by National Health Agency at New Delhi on 11th September 2018.
4. Attended the ICMR-PFIZER AMSP Workshop held on 19th November 2018 at the Multi-Purpose Hall, India International Centre, Max Mueller Marg, Lodhi Gardens, Lodhi Estate, New Delhi.
5. Attended the 1st National Seminar on Safety and Quality in Health care on 8th December, 2018 organised by Department of Hospital Administration, AIIMS, Bhubaneswar.

Dr M C Sahoo

1. Resource person in World Diabetes Week 2018 celebration on 10/11/2018 at Satellite Center OPD(RASMI), ITR, DRDO, Balasore.
2. Attended the 4th World Congress on Disaster Management (WCDM-2019) organised jointly by the Government of Maharashtra, Disaster Management Initiatives and Convergence Society (DMICS), Indian Institute of Technology (IIT) Bombay and Tata Institute of Social Sciences (TISS) in Mumbai during 29th January - 1st February 2019 to deliberate on some of the most critical issues and challenges of implementation of the global frameworks on building resilience to disasters.
3. Attended International conference on Range Technology (ICORT) from 15-17 February, 2019 at integrated test Range, Chandipur, Defence R&D Organisation, Ministry of Defence, Balasore, Odisha and AIIMS, Bhubaneswar was provided a stall for “Emergency Medical First Responders”. The AIIMS, Bhubaneswar medical team was headed by Dr (Maj) MC Sahoo for emergency medical first responders.
4. Resource person in World Environment Day 2018 celebration on) 5/06/2018 at Integrated Test Range, Defence R&D Organisation, Chandipur, Balasore, Odisha.
5. Participated in “Twin Mega Blood Donation Camp” organised by Integrated test Range, DRDO on 20/06/2018, Chandipur, Balasore, Odisha.
6. Attended and presented a write-up (published) on “My inspiring experiences with Dr Kalam: is not than a legacy that I have inherited to carry forward” on his 3rd Death Anniversary on 27 July 2018 at DRDO, Chandipur.
7. Visited AIIMS, Bhopal for peer Assessment under Kayakalp Award Scheme for the year 2018-19 on 15th November 2018.

PATIENT CARE

The faculty of the Department assists MS office in the operations of the hospital and are assigned as Joint MS and Additional MS. The department specifically are assigned to look after following clinical operations of the hospital: Nursing Establishment, Control room services, Security Services & Fire

safety, Housekeeping services, Public Relations & Grievance Redressal, Horticulture and OT. The department helps the destitute patients by funding them from the hospital fund.

More than 80 OPD clinics were conducted at DRDO campus, Balasore by the specialists of AIIMS, BBSR till March 2019. More than 15,000 patients were examined by the team of doctors.

AWARDS, HONORS & SIGNIFICANT EVENTS

1. The hospital was declared plastic free from October 2nd 2018. A best employee award was instituted with effect from March 2019.
2. AIIMS Bhubaneswar Quality Council (ABQC) was formed which has eight domains: Medication Safety, Medical Audit, Surgical safety, Communication, Hospital Infection Control, Facility Management, Fire Safety, Sentinel Events.
3. Human Resource Development Cell (HRD Cell) was inaugurated on 10th Sept 2018 by director Dr Gitanjali Batmanabane
4. The foundation stone of Balasore Satellite centre was laid by Hon. Health Minister Shri J P Nadda in presence of Dr Gitanjali Batmanabane on 25th August 2018.
5. 1st anniversary of Balasore satellite OPD centre was celebrated on 7th July 2018 at DRDO Balasore

Dr Jawahar SK Pillai

1. Appointed as a nodal officer for Kayakalp programme and AYUSHMAN BHARAT scheme at AIIMS bhubaneswar
2. Appointed as the co-chairperson and external expert for Swachhta Awards AIIMS, New Delhi held on 26th-27th September 2018



Inauguration of department of Hospital Administration 2



Inauguration of department of Hospital Administration



Inauguration of Induction Training Program & HRD cell



Kaya Kalp Meeting



National Seminar on Safety & Quality of Healthcare at AIIMS Bhubaneswar



MEDICAL ONCOLOGY
&
HEMATOLOGY

MEDICAL ONCOLOGY & HEMATOLOGY

FACULTY

Dr. Prabodh Kumar Das	Professor and HOD
Dr. Sonali Mohapatra	Assistant Professor
Dr. Ashutosh Panigrahi	Assistant Professor

HIGHLIGHTS

The dept. is providing services for all haematological diseases of adults and paediatrics along with paediatric/adolescent and young adult solid tumors. We are actively involved in teaching programs of the Institute. In collaboration with ILS, Bhubaneswar, we are conducting research projects on chronic myeloid leukaemia (CML). We have participated in the Indian Paediatric Oncology Group (InPOG) study titled "Study of treatment and outcome of chronic myeloid leukemia in children and adolescents in India", a multicentric collaborative study. We conducted the 5th Midterm CME of Paediatric Haematology & Oncology Chapter of IAP at All India Institute of Medical Sciences (AIIMS), Bhubaneswar on 30th June & 1st July 2018. The CME was graced by attendance of renowned international speakers like Sheila Weitzman, Ravindranath Y and Nalini Pati. We also observed World CML (Chronic Myeloid Leukaemia) day on 22nd Sept 2018 in our OPD/Day-care premises with CML patients. Medical Superintendent Dr S.N Mohanty graced the occasion. The DM course in Clinical Hematology started in our dept. from January 2019 with two students per year. AIIMS, Bhubaneswar is the first Institute in the state of Odisha to offer DM in Clinical Haematology.

EDUCATION

The dept. started DM in Clinical Haematology (three year post-doctoral course) from January 2019. The department provides teaching to MBBS, B.Sc Nursing, paramedical students and postgraduate students of different disciplines. The department conducts regular 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. Attended the 50th Congress of the International Society of Paediatric Oncology (SIOP) from 16th Nov to 19th Nov 2018 at Kyoto, Japan and presented a paper titled "High treatment abandonment and advanced disease at presentation are major hurdle for cancer care in a newly established pediatric oncology setting: a developing country experience".

2. Attended the 22nd Annual Conference of Pediatric Hematology and Oncology (PHOCON) in Bengaluru from 30th Nov to 2nd Dec, 2018 and delivered a talk on "Agony of platelet agonists".
3. Attended the Pediatric Surgical Oncology Masterclass (PSOM) 2019 held from 11th to 12th January 2019 at AIIMS, Bhubaneswar.
4. Attended the 56th National Conference of Indian Academy of Pediatrics (PEDICON 2019) on 10th February 2019 at Mumbai and was a panelist in the panel discussion titled "Case Based Practicum in Pediatric Hematology & Oncology for a Pediatrician", moderated by Prof Sameer Bakshi from AIIMS, New Delhi.
5. Invited to deliver a Lecture as faculty in the CME "ASH Highlights 2018" conducted by Eastern Hematology Group at Bhubaneswar, Odisha on 19th January 2019 on "Updates on management of hemophilia".
6. Invited as guest faculty for CME on "Thalassemia and its various Aspects" conducted by Indian Academy of Pediatrics (IAP) Odisha state branch on 6th Jan 2019 at KIMS, BBSR and delivered a lecture on "Pre-natal diagnosis and counselling in a new case of Thalassemia".

Dr Ashutosh Panigrahi

1. Attended as a faculty in the 2nd National Workshop cum Conference on Thalassemia, Hemophilia and Sickle Cell Management (COGNATION-METCON) 2018, from 5th to 8th July, 2018, at ICMR-RMRC Bhubaneswar and delivered a lecture on "Darkness in Sickle Cell Disease research in Odisha".
2. Involved in conducting State level Haematology Quiz conducted by Odisha Haematology at Bhubaneswar in October 2018.
3. Attended the 8th National Haemostasis Update (NHU) held on 11th and 12th August, 2018 at Bengaluru.
4. Attended the 3rd Annual Conference of Eastern Haematology Group (EHG) from 28th to 29th April 2018 at Jamshedpur, as a faculty to deliver a lecture on "Approach to enlarged lymphnode (LYMPHADENOPATHY) - Basic points which we may miss...inadvertently".
5. Involved as trainer / recourse faculty in the training of Doctors and supportive staffs of blood bank, organized by department of transfusion medicine, SCB MCH, Cuttack, Odisha on 27th March and 7th April 2018.

RESEARCH

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

Funding agency: AIIMS, Bhubaneswar

Start year Duration: One year, 2019

Funds: Rs.3,01,000/- (Rupees three lakhs one thousand only)

IEC approval number: T/IM-F/18-19/45

PATIENT CARE / HOSPITAL SERVICES

The department caters patients of haematological disorders and children and young adults with solid tumours. It caters patients from Odisha and from other states of eastern India. The Outpatient Department runs 3 days a week. The department runs special clinics for Hemoglobinopathies, Cancer Survivors and Paediatric solid tumors. We have Day-care facility with 9 beds where most of the patient care services like chemotherapy, procedures like lumbar puncture and intra-thecal chemotherapy, transfusion of blood products and supportive care are provided. We have a 25 bedded Inpatient ward in I block of Level 1.

The followings are the departmental statistics from 1st April 2018 to 31st March 2019; OPD Attendance - 13,433, Patients Seen in Special Clinics- 3,100, Chemotherapy Given in Day-care- 6,312, and in patient Admission – 664. The following number of patients suffering from haematological diseases and malignancies were managed; Acute Leukaemia (ALL/AML)- 864, Chronic leukaemia (CML/CLL)- 792, Lymphomas - 432, Multiple Myelomas-456, Paediatric Solid Tumors- 576, Thalassemia- 684, Sickle cell Anemia-1212, Other Benign Haematological cases- 1284.

AWARDS, HONORS & SIGNIFICANT EVENTS

The dept. organised 5th Midterm CME of Pediatric Hematology & Oncology Chapter of IAP at All India Institute of Medical Sciences (AIIMS), Bhubaneswar on 30th June & 1st July 2018. It was attended by 325 delegates. The highlights included symposium on Leukemia/Lymphoma, pediatric solid tumors and a separate parallel session on hematology for practicing pediatricians on all the 2 days. The CME was graced by attendance of renowned international speakers like Sheila Weitzman, Ravindranath Y and Nalini Pati. We observed the World CML (Chronic Myeloid Leukemia) day on 22nd Sept 2018 in our OPD/Daycare premises with CML patients, presided by Medical Superintendent Dr S. N. Mohanty.



5th Midterm Continung Medical Education of Pediatric Hematology & Chapter of India Academy Pediatrics Lighting the Lamp



Dignitaries in the dais



World chronic Myeloid Leukemia Day Observations on 22nd Sept 2018



MICROBIOLOGY

MICROBIOLOGY

FACULTY

Dr. Baijyantimala Mishra	Professor & Head
Dr. Ashoka Mohapatra	Additional Professor
Dr. Srujana Mohanty	Additional Professor
Dr. Bijayini Behera	Associate Professor
Dr. Vinaykumar Hallur	Assistant Professor
Dr. Kavita Gupta	Assistant Professor

HIGHLIGHTS

The Department organized a CME-cum-Workshop on 11th August 2018. The topic of the workshop was "Melioidosis; a neglected tropical disease: Optimal approach to clinical and laboratory diagnosis". Nearly 100 enthusiastic participants from various medical colleges of state (Odisha) participated in the CME. A wide range of diagnostic tests is carried out for laboratory diagnosis of bacteria, viral, fungal & parasites in different clinical specimens. An automated instrument (Vitek 2 compact) for bacterial identification & sensitivity testing and an automated immunoanalyser (VIDAS) have been installed in the department. The department has also started molecular diagnostic services for various pathogens this year.

EDUCATION

At present department is involved in postgraduate (MD), undergraduate (MBBS), B.Sc Nursing and paramedical teaching. The teaching curriculum is well organized and strictly follows the Medical Education Unit (MEU) of our institute. The postgraduate training aims to produce a post-graduate student who after undergoing the required training should be able to deal effectively with the needs of the community and should be competent to handle all problems related to his/her specialty including recent advances and research. All students are evaluated periodically for their progress by means of theory based exams as well as practical exercises.

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

Dr. Baijyanatimala Mishra, Professor & HOD

1. Attended the National Conference of Indian Association of Medical Microbiologists at NIMHANS, Bangalore, November 2018. Acted as Judge for mycology papers.
2. Attended CME/Workshop on "Melioidosis, A neglected tropical disease: Optimal Approach to Clinical and laboratory Diagnosis" on 11th August 2018 organized by Dept of Microbiology, AIIMS

Bhubaneswar. Acted as organizing secretary and presented lecture on “Introduction, and burden of Melioidosis”.

3. Attended IAMM AMR containment meeting held on 21st January 2019, Delhi as a member of the working group for AMR containment initiative by IAMM and presented AMR containment activities in Odisha.

Dr. Ashoka Mohapatra, Additional Professor

1. Attended CME on “Orthopaedic Surgical Site Infection (SSI)” on 8th April, 2018 at Kalinga Institute of Medical Sciences Bhubaneswar & delivered a guest lecture on “ Bone & Joint Infections – Diagnostic Approach ”.
2. Attended CME/Workshop on “Melioidosis, A neglected tropical disease: on 11th August, 2018 organized by Dept of Microbiology, AIIMS Bhubaneswa. She also delivered a talk on “Approach to Laboratory diagnosis of melioidosis”.
3. Attended Pre conference Workshop & 15th National Conference of Hospital Infection Control Society, India from 3rd to 5th October, 2018 at Gleneagles Global Hospital, Hyderabad.
4. Attended 12th Annual conference of Indian Association of Medical Microbiologists (Odisha Chapter) On 7th Oct, 2018 at MKCG Medical College, Berhampur.
5. Attended National seminar on patient safety & quality on 8th Dec, 2018 organized by department of Hospital administration, All India Institute of Medical Sciences, Bhubaneswar.
6. Attended Induction training programme for nursing officers organized by Human Resource Development cell on 11.9.2018 & 22.1.2019 at All India Institute of Medical Sciences, Bhubaneswar. She also acted as a resource Person for Nosocomial infections, isolation precaution & post exposure prophylaxis
7. Attended Sensitization Workshop on Mentorship on 2nd March, 2019 at All India Institute of Medical Sciences, Bhubaneswar.
8. Attended 1st Midterm CME & Workshop of Indian Association of Medical Microbiologists, Odisha on 17th March, 2019 at Apollo Hospital, Bhubaneswar.

Dr. Srujana Mohanty, Additional Professor

1. Attended CME/Workshop on “Melioidosis, A neglected tropical disease: Optimal Approach to Clinical and laboratory Diagnosis” on 11th August 2018- organized by Dept of Microbiology, AIIMS Bhubaneswar. She also delivered her talk on “Melioidosis: Case specific optimisation of sample and testing methods”
2. Attended the 12th Annual Conference of the Indian Academy of Tropical Parasitology (TROPACON 2018) held on 7th -9th September 2018 at Banaras Hindu University, Varanasi. She presented her talk as Clinical Case Vignette on the topic “An unusual case of chronic polyparasitic infection with hookworm, Strongyloides stercoralis and Giardia intestinalis without anaemia”. She also chaired the session on Oral paper presentations (Free category) in the conference.

3. Participated as a delegate in the conference, 42nd National Conference of Indian Association for the study of sexually transmitted diseases & AIDS (IASSTD & AIDS) ASTICON 2019 held on 11th – 13th October 2018 at AIIMS, New Delhi
4. Attended Seventh International Meeting on Emerging Diseases and Surveillance (IMED 2018) 9th -12th November 2018 at Vienna, Austria organized by the International Society for Infectious Diseases (ISID) and its Program for Monitoring Emerging Diseases ProMED. She also presented a paper (poster) on topic "Identification, antimicrobial susceptibility and virulence factors of Enterococcus species isolated from clinical samples at an Indian tertiary care hospital" during this event.
5. Attended First National Seminar & Workshop on "Patient Safety and Quality" on 8th – 9th December 2018, AIIMS Bhubaneswar, Odisha
6. Attended Faculty Development Programme on Assessment, organized by Medical Education Unit, 29th- 30th March 2019 at AIIMS Bhubaneswar

Dr. Bijayini Behera, Associate Professor

1. Attended the National Workshop on improving Lab Based Antimicrobial Resistance Surveillance in India held on 2nd – 4th April, 2018 in PGIMER Chandigarh
2. Attended the fourth PI meeting for CDC-funded project entitled "Capacity Building and Strengthening of Hospital Infection Control to detect and prevent antimicrobial resistance in India" on 9th August, 2018 at the Conference Hall, JLN Auditorium, AIIMS, New Delhi
3. Attended XVth National Conference of Hospital Infection Society India (HISICON 2018) on 4th-6th October 2018 held at the Marigold by Green Park Hotel Hyderabad. She presented a poster titled "Deciphering Polymyxin B MIC from Colistin MIC and vice versa: An analysis on 156 Carbapenem resistant Enterobacteriaceae isolates".
4. Attended the 25th year celebration of Indian Society of Critical Care Medicine, Bhubaneswar Branch on 13th October 2018. She delivered a lecture on "Infection control surveillance practices in ICU".
5. Attended DERMATOPHYTOSIS SESSION OF CUTICON 2018 held on 10th November 2018- at Pramod Conventions, Cuttack. She delivered a lecture on "Dermatophytosis in today's scenario- from microbiologist's perspective". She also acted as a panelist during this event.
6. Attended the ICMR-PFIZER AMSP Workshop held on 19th November 2018 at the Multi-Purpose Hall, India International Centre, Max Mueller Marg, Lodhi Gardens, Lodhi Estate, New Delhi
7. Attended the fifth PI meeting for CDC-funded project entitled "Capacity Building and Strengthening of Hospital Infection Control to detect and prevent antimicrobial resistance in India" on 20th November 2018 at JPNA TRAUMA Centre, AIIMS, New Delhi.
8. Attended Sensitization Workshop on Patient Safety and Quality of Care organized by Department of Hospital Administration, AIIMS, Bhubaneswar on 8TH AND 9TH December 2018 and shared her own experience in the aspect of Patient Safety in the Pecha Kucha format.

9. 17th March 2019- Dr Bijayini Behera, attended the 1st Mid-term CME and Workshop organized on behalf of IAMM, Odisha chapter at Apollo Hospital, Bhubaneswar
10. Attended the WHO-IAMM Network for Surveillance of Antimicrobial Resistance (WINSAR) 28th and 29th March 2019 at Hotel Fortune Park Orange, Sidhrawali (Gurgaon) and presented the consolidated antibiogram of AIIMS, Bhubaneswar.

Dr. Vinaykumar Hallur, Assistant Professor

1. Attended 20th Congress of the International Society for Human and Animal Mycology held at RAI Amsterdam, Amsterdam , Netherlands between 30th June -4th July 2018 and presented poster titled "Comparison of virulence profile of *C. albicans* and *C. tropicalis* isolated from patients with Candida infection and hospital environment"
2. Attended conference INTERVIROCON 2018- International Conference of Virology held at PGIMER, Chandigarh between 12th -14th November 2018.
3. Attended "Senior Resident Orientation workshop" conducted by Medical Education unit AIIMS Bhubaneswar at AIIMS Bhubaneswar as faculty and conducted a session on Bedside/Practical teaching between 30/11/2018 & 1/12/2018
4. Attended First National Seminar & Workshop on "Patient Safety and Quality" on 8th – 9th December 2018, AIIMS Bhubaneswar, Odisha
5. Attended Faculty Development Program on Assessment conducted by Medical Education unit AIIMS Bhubaneswar as resource person between 29 and 30th March 2019

Dr. Kavita Gupta, Assistant Professor

1. Attended CME/Workshop on "Meloidosis, A neglected tropical disease: Optimal Approach to Clinical and laboratory Diagnosis" on 11th August 2018- organized by Dept of Microbiology, AIIMS Bhubaneswar.
2. Attended the XII th Annual conference of Indian Association of Medical Microbiologists (Odisha Chapter) held on 07.10.18 at MKCG Medical college & Hospital, Brahmapur.
3. Attended the 10th Annual conference of Indian Association of Medical Microbiologists Delhi Chapter (MICRO-D-CON 2018) between 01st- 3rd November 2018 at India habitat Centre, New Delhi. She attended pre conference CME on "Mapping the footprints of NTM infections" at Vallabhbai Patel chest Institute (VPCI), New Delhi on 01st Nov 2018 and the CME on "Reliable Antimicrobial Sensitivity Testing in the era of AMR" at India habitat Centre, New Delhi on 2nd Nov 2018.
4. Attended First National Seminar & Workshop on "Patient Safety and Quality" on 8th – 9th December 2018, AIIMS Bhubaneswar, Odisha

Papers presented by Microbiology Residents in various conferences:

1. Purohit G, Mishra B. Comparison of the Xpert MTB/RIF grading with AFB smear grading in presumptive pulmonary TB cases: A study from Eastern India in MICROCON 2018 held at NIMHANS, Bengaluru.
2. Purohit G, Mishra B, Patra S. Tubercular lymphadenitis: Comparison of Xpert MTB/RIF with conventional methods in MICROCON 2018 held at NIMHANS, Bengaluru.
3. Verma N, Praharaj A K, Mishra B. Detection of metallo-beta-lactamase producing *P.aeruginosa* in tertiary care hospital by phenotypic and genotypic method. in MICROCON 2018 held at NIMHANS, Bengaluru.
4. Verma N, Praharaj A K, Mishra B. Detection of carbapenemase producing *P.aeruginosa* in tertiary care hospital by phenotypic and genotypic methods in IAMM Odisha chapter 2018 held on 07th October 2018 at MKCG, Berhampur, Odisha
5. Mohanty M, Mallik M, C Preetam, Mishra B. " *Bordetella Hinzii* as a cause of recurrent mastoid cyst in an Immunocompetent Patient – A Case Report" in Microcon-2018, held at NIMHANS, Bengaluru.

RESEARCH**Funded Extramural Projects:****Ongoing:**

1. 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 (Mrs) Ashoka Mahapatra
Name of the Funding agency - Biotechnology Industry Research Assistance Council (BIRAC) through INCLIN [International clinical epidemiology network]
Duration-One year
Start year-2019
Funds - Rs 3,56,400
IEC approval number: T/EMF/Micro/18/16 dated 28/06/2019
2. 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)
Name of Site Principal Investigator- Dr. Bijayini Behera
Name of the funding agency-CDC
Duration- 3 years
Start year-2017

End year- Sept 2020

Funds- Approved Budget for AIIMS Bhubaneswar -42, 21, 935

IEC approval No: T/EM-F/Micro/16/27 dated 10/02/2017

Funded Intramural:

Ongoing

1. Title of the project- Virulence profile of Helicobacter pylori from AIIMS Bhubaneswar (Intramural)
Name of the principal investigator: Dr Vinaykumar Hallur
Funding agency: AIIMS Bhubaneswar
Duration- 2 years
Start year: 2018
Funds: Rs.3, 76, 677
IEC approval number: T/ IM-F/ 17-18/ 10 dated 11/11/17
2. Title of the project- Molecular characterisation of carbapenem-resistant Acinetobacter baumannii clinical isolates and their susceptibility status for Polymyxins and Tigecycline
Name of the principal investigator: Dr Kavita Gupta
Funding agency: AIIMS Bhubaneswar
Duration- 2 years
Start year: 2019
Funds: Rs.2, 80, 000
IEC approval number: T/ IM-F/ 18-19/ 31 dated 19/11/2018

Non funded Projects:

Ongoing:

1. Title of the project- Study on the prevalence of nontuberculous mycobacterium (NTM) in suspected cases of pulmonary and extrapulmonary tuberculosis and comparison of conventional and molecular methods of identification of NTM.
Name of the principal investigator Guide: Dr. Bajjayantimala Mishra
Duration: 2 years,
Start year; 2019
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2018-19/32
2. Title of the project- Clinico-bacteriological profile and drug susceptibility patterns in acquired dacryocystitis patients attending a tertiary care hospital, Eastern India
Name of the principal investigator - Dr. Srujana Mohanty
Duration: 2 years,

Start year; 2018

IEC approval number: T/IM-NF /Micro/L7 /16 dated 13/12/17

3. Title of the project- Isolation, identification and characterization of Burkholderia pseudomallei from suspected cases of localized melioidosis in Eastern India: a clinico-microbiological study((Received ICMR thesis grant of INR 50,000) MD Thesis

Name of the principal investigator: Guide: Dr. Srujana Mohanty

Duration: 2 years

Start year: 2018

IEC approval number: IEC/ AIIMS BBSR/PG Thesis/2018-19 /13

4. Title of the project- Clinico – microbiological correlations and comparison of diagnostic methods for Burkholderia pseudomallei from patients hospitalized with sepsis and pneumonia. ((Received ICMR thesis grant of INR 50,000) MD Thesis

Name of the principal investigator: Guide: Dr. Bijayini Behera

Duration: 2 years

Start year: 2018

IEC approval number: IEC/ AIIMS BBSR/PG Thesis/2018-19 /08 dated 10/07/18

5. Title of the project- Descriptive study of subcutaneous fungal infection at AIIMS- Bhubaneswar.

Name of the principal investigator: Guide: Dr Vinaykumar Hallur

Funding agency: NA

Duration: 2 years

Start year: 2019

IEC approval number: IEC/ AIIMS BBSR/PG Thesis/2018-19 /53 dated 14/12/2018

Non funded Projects:

Completed:

1. Title of the project- Detection of Carbapenem resistance in clinical isolates of Pseudomonas aeruginosa by Phenotypic & Genotypic method.

Name of the principal investigator: Guide: Dr Ashok Kumar Praharaj

Funding agency: NA

Duration: 2 years

Start year: 2017

IEC approval number: IEC/ AIIMS BBSR/PG Thesis/2017-18/3 dated 8/05/2017

PUBLICATIONS

1. Mohanty S, Panigrahi MK, Turuk J, Dhal S. Liver abscess due to *Streptococcus constellatus* in an immunocompetent adult: a less known entity. *J Natl Med Assoc* 2018;110:591-595. PMID: 30129495
2. Mohanty S, Som T, Praharaj AK. The continuing scourge of congenital syphilis in the face of declining seropositivity: a challenge to control efforts. *Indian J Med Microbiol* 2018; 36: 295-297. PMID: 30084430
3. Behera B, Jena J, Kar P, Mohanty S, Mahapatra A. Deciphering polymyxin B minimum inhibitory concentration from colistin minimum inhibitory concentration and vice versa: An analysis on 156 carbapenem-resistant Enterobacteriaceae Isolates. *Indian J Med Microbiol.* 2018; 36:587-589. PMID: 30880712
4. Behera B, Mohanty S, Sahu S, Praharaj AK. In vitro Activity of Fosfomycin against Multidrug-Resistant Urinary and Nonurinary Gram-Negative Isolates. *Indian J Crit Care Med.* 2018; 22:533-536. PMID: 30111930
5. Behera B. A Letter in Response to "Diagnosing Catheter-Associated Urinary Tract Infection in Critically ill Patients: Do the Guidelines Help?" *Indian J Crit Care Med.* 2018; 22:467-468. PMID: 29962753
6. Purohit G, Mohanty S, Tirkey R, Sasmal PK. Inadvertent detection of massive *Enterobius vermicularis* infection in an asymptomatic adult with rectal blowout following barotrauma. *Ann Parasitol* 2019;65:103-105 PMID: 31127895

Author of Text book:

Mohanty SK, Leela KS, Pattanaik D, Mahapatra A, Singh N. *Essentials of Microbiology & Immunology Through Questions & Answers*, Paras Medical Publisher, New Delhi, India; 2019

PATIENT CARE / HOSPITAL SERVICES

Number of samples received in the department:

A total of approximately 1, 53, 904 (1, 53, 408 clinical samples and 498 hospital/OT surveillance) samples have been tested during this period.

Tests performed on clinical samples:

Bacterial culture & sensitivity (blood, urine, stool, pus etc) – 27, 942

Fungal culture - 850

Direct microscopy (Gram stain, ZN stain, KOH, Lactophenol cotton blue, peripheral smear, India ink, stool examination) – 26, 323

Rapid serological tests (Malaria, dengue, HBsAg, HIV, HCV, ASLO, CRP, Weil-Felix, Rheumatoid factor, VDRL, Widal, Leptospira IgM) - 36, 472

Serological tests by ELISA (Dengue IgM, Dengue NS1, HBsAg, HCV, Scrub Typhus, Hydatid, HAV IgM, HCV, HEV, CMV IgM, EBNA IgM, Varicella, Chikungunya, ANA, dsDNA, total IgE, cANCA, pANCA, C₃, C₄) – 53,988

Molecular testing (Hepatitis B viral load & Respiratory viruses)-160

Tests performed on surveillance samples

Bacterial culture & environmental load (including settle plate method) on various samples from OTs & ICUs- 498

New Diagnostic tests started:

- Molecular diagnosis for respiratory virus panel
- Hepatitis B virus : viral load
- Procalcitonin
- C. difficile toxin assay by VIDAS
- CMV IgM assay by VIDAS
- Rubella IgM assay by VIDAS
- Toxoplasma IgM assay by VIDAS
- Anti CCP antibody ELISA

AWARDS, HONORS & SIGNIFICANT EVENTS

1. Professor Baijayantimala Mishra was conferred with the honour of “Fellow of Royal College of Physicians London”.
2. Prof. B Mishra continues to be Fellow of Royal College of Physicians and Surgeons, Glasgow, Fellow of Infectious Disease Society of America.
3. Prof. B. Mishra has been elected as an executive member of the national body of Indian Association of Medical Microbiologists (IAMM).
4. Prof. B. Mishra is a member of the working group for AMR containment initiative by IAMM.
5. Prof. B Mishra is a member of European Society of Clinical Microbiology and Infectious Diseases, American Society for Microbiology and International Society of Infectious Diseases.
6. Dr. Srujana Mohanty, Additional Professor has taken membership of Royal Society of Tropical Medicine and Hygiene, Infectious Diseases Society of America, Microbiology Society (UK), European Society of Clinical Microbiology and Infectious Diseases.
7. Dr. Srujana Mohanty, Additional Professor is continuing as Member of American Society for Microbiology and International Society of Infectious Diseases
8. Dr. Srujana Mohanty, Additional Professor and Dr. Kavita Gupta Assistant Professor are member of Indian Association of STD & AIDS and Hospital Infection Society-India

9. Dr. Bijayini Behera has taken life membership of Hospital Infection Society India.
10. Dr. Bijayini Behera is an annual member of American Society for Microbiology.
11. Dr. Bijayini Behera is an associate member of International Federation of Infection control.
12. Dr. Vinaykumar Hallur, Assistant Professor continues to be a member of American Society of Microbiology, International Society for Human and Animal Mycoses, European Society of Clinical Microbiology and Infectious diseases, Infectious Diseases Society of America, International Society of Infectious Diseases and Society for Human and Animal Mycologist of India.

VISITING SCIENTIST

An invited guest lecture by Dr. Anup Ghosh, Additional Professor in the department of Microbiology at PGIMER Chandigarh on “Use of Matrix Assisted Laser Desorption Ionization Time of flight Mass spectrophotometry (MALDI TOF MS) in fungal diagnostics” was held in the department on 27th March’19.

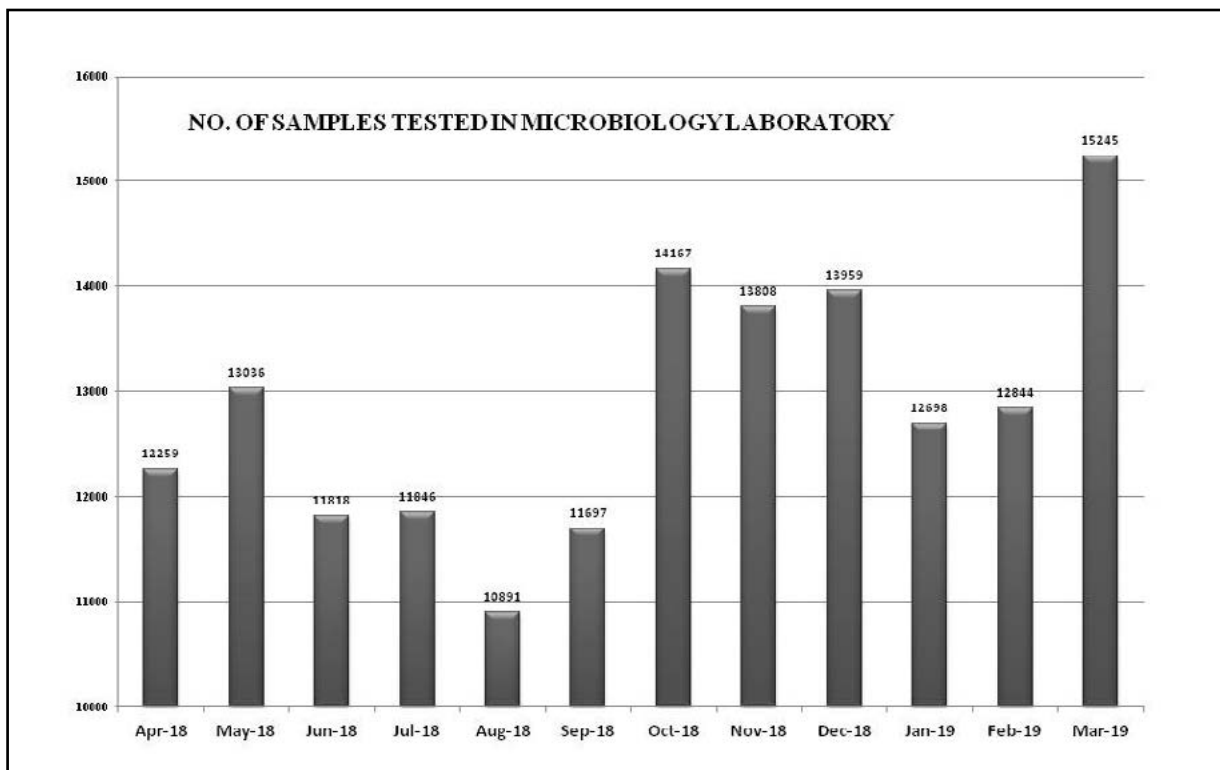


Figure 1: Month wise distribution of total no. of samples tested in Microbiology laboratory from Apr 18- Mar 19.

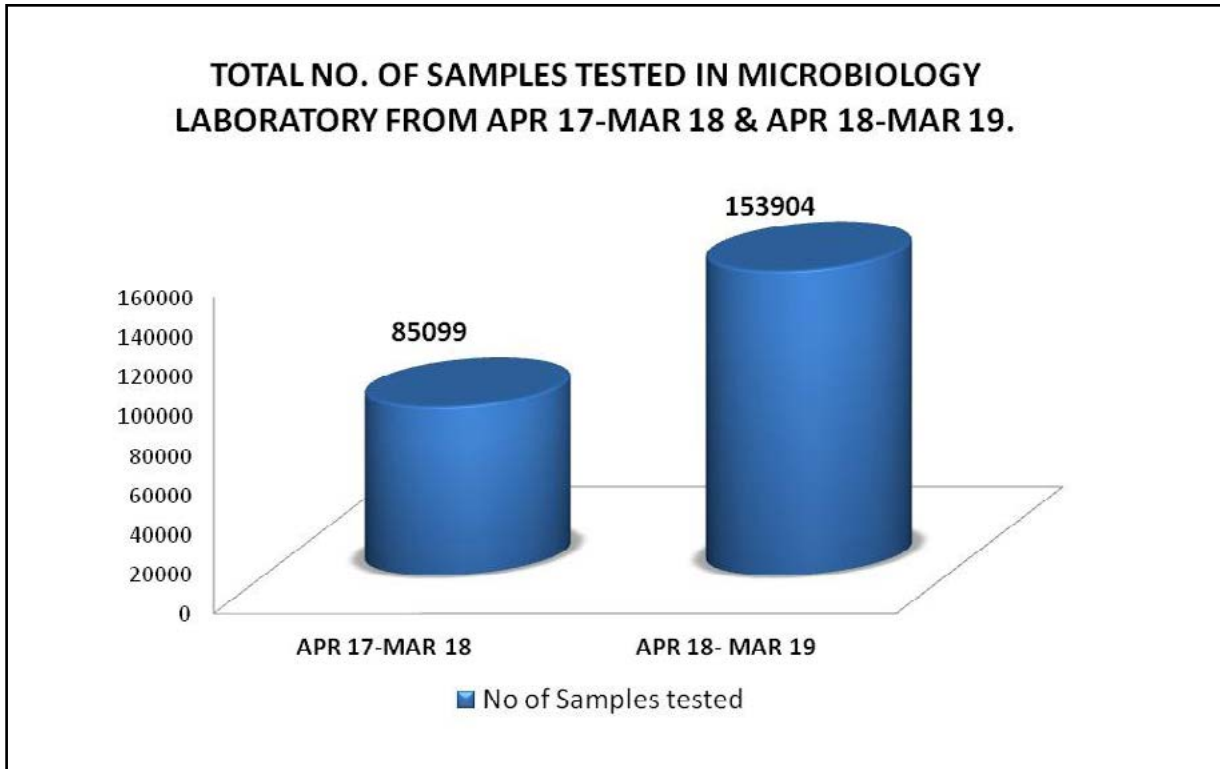


Figure 2: Total no. of samples tested in Microbiology laboratory from Apr17-Mar 18 & Apr 18-Mar19.

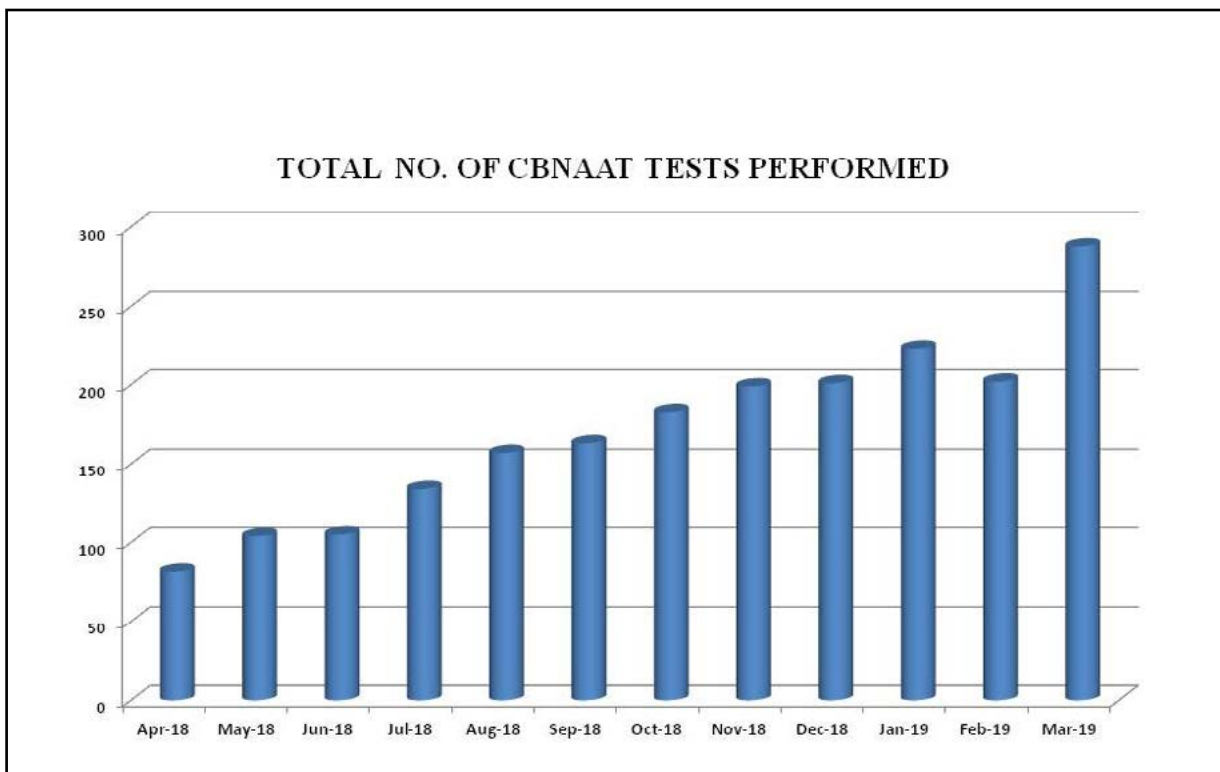


Figure 3: Month wise distribution of total no. of CBNAAT tests performed from Apr 18- Mar19.



Photographs from the CME on “Melioidosis; a neglected tropical disease: Optimal approach to clinical and laboratory diagnosis”. organized by department of Microbiology at AIIMS, Bhubaneswar



Photograph from the Workshop on “Melioidosis; a neglected tropical disease: Optimal approach to clinical and laboratory diagnosis”. organized by department of Microbiology at AIIMS, Bhubaneswar Faculty & Residents demonstrating the laboratory approach to the participants.



Photograph from the Workshop on “Melioidosis; a neglected tropical disease: Optimal approach to clinical and laboratory diagnosis”. organized by department of Microbiology at AIIMS, Bhubaneswar Faculty & Residents demonstrating the laboratory approach to the participants.



Photograph from the invited lecture taken by Dr. Anup Ghosh, Additional Professor, PGIMER Chandigarh on "Use of MALDI TOF MS in fungal diagnostics" in department of Microbiology at AIIMS, Bhubaneswar



NEONATOLOGY

NEONATOLOGY

FACULTY

Dr. Tapas Kumar Som	Associate Professor
Dr. Pankaj Kumar Mohanty	Assistant Professor

HIGHLIGHTS

The Department has been able to provide services to all newborns born in AIIMS, Bhubaneswar without referring to other hospitals except a few cases diagnosed with congenital heart diseases. Department has started "DM Programme" from January 2019. The department also started Neurodevelopmental screening program in follow up clinic for high risk NICU graduates. The "BAYLEY III" scale is already been procured by the Institute and its being used for the purpose. The Department of Neonatology and College of Nursing, AIIMS Bhubaneswar jointly organized "Newborn Week" from 15th to 21st November, 2018. The aim for observing the week is to raise awareness about the importance of the newborn care for child survival and development. The department faculty actively participated to train "Neonatal Resuscitation" to nursing staff and students. The Department also organized "Breast feeding week" from 1st to 7th August, 2018 in which different awareness activities, role play, skit, were performed in OPD foyer to educate people about essence of breast feeding and newborn care. Public awareness lecture was also under taken on this behalf. The Department of Neonatology in collaboration with Obstetrics and Gynecology observed "World Birth defect day" (WBDD) on 3rd March, 2019. Public awareness lecture and seminars were arranged. A skit on Birth Defects was performed by MBBS Students which was much applauded by public. Birth Defects-Neonatology perspective, Birth Defects Surgery at AIIMS Bhubaneswar, Prevention of Stillbirths and Prevention of Birth Defects were discussed.

EDUCATION

Department of Neonatology is providing training and taking regular classes for the MBBS students and Nursing students in the form of clinical teaching and theoretical classes. After commencement of DM Program from January 2019, the academic program is followed meticulously. Journal club, Neonatology protocol discussion happens every week. Mortality meet, CME, difficult case meet happens once a month. We are jointly with Department of Obstetrics & Gynecology and Department of Pediatrics continuing the discourse on statistics of perinatal events monthly.

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

Dr. Tapas Kumar Som

1. Participated as faculty on 'CME in Pediatric Neurology' held at Hitech Medical College & Hospital on July 8, 2018

2. Attended Pre-conference Workshop on Total Parenteral Nutrition as faculty at IMS & SUM Hospital - Bhubaneswar, organized by NNF, Odisha State Branch (Annual Conference of NNF, Odisha 2018) on October 5, 2018
3. Attended International Child Neurology Congress held at Mumbai from November 15 to November 18, 2018

Dr. Pankaj Kumar Mohanty

1. Attended "BAYLEY III Neurodevelopmental training" at NIMHANS centre of wellbeing, Bangalore on 5th February, 2019
2. Participated as Faculty on occasion of "Newborn care week" Organized by NHM Odisha with support from UNICEF, a state level workshop for pediatrician working in SNCU which was held on 16 and 17th November 2018 at hotel Pal heights, Bhubaneswar, Odisha.
3. Participated as panelist in panel discussion on "Yellow alert" organized by Odisha State Branch "Neocon 2018" (Annual Conference of NNF, Odisha) on 6th October 2018 at Hotel "The New Marrion", Bhubaneswar.

RESEARCH

Intrmural Funded Projects:

Ongoing:

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-BBSR
Duration: 2 years; Start year: 2017
Funds: Rs. 399,000
IEC approval number: T/IM-F/17-18/27
2. Title of the Project: -Title of the project. Predictive efficacy of umbilical cord IL6 and histopathologic chorioamnitis in diagnosing early neonatal sepsis in mothers with risk factors
Name of the principal investigator: - Dr Pankaj Kumar Mohanty
Funding agency: AIIMS, Bhubaneswar
Duration- 2 years,
Start year: 2019
Funds: Rs. 3,53,760/-
IEC approval number: IMF/09/2018

PUBLICATIONS

Departmental consolidated list

1. Mohanty PK, Som TK, Purkait S, et al. Difficult intubation in a neonate: a diagnostic dilemma. BMJ Case Reports 2018 Nov 28;11(1). PMID: 30567083
2. Mohanty S, Som TK, Praharaj AK. The Continuing scourge of Congenital Syphilis in the face of declining seropositivity: a challenge to control efforts. Indian J Med Microbiol 2018; 36: 295 – 7. PMID: 30084430

PATIENT CARE / HOSPITAL SERVICES

Department of Neonatology provided services to outdoor and indoor patients admitted in the Neonatal Intensive care Unit (NICU) and in the postnatal ward. A total of around 3,500 newborns and infants were seen in the OPD. Approximately 233 newborns were managed in the NICU since 31st March 2018 to 1st April 2019. Main reasons for admission in the NICU were preterm care, Respiratory distress syndrome, Transient tachypnea of newborn, Perinatal asphyxia, low birth weight status and various conditions where babies required pre-operative and post-operative mechanical ventilator support. In the NICU, we have been able to provide ventilatory support including continuous positive airway pressure (CPAP). Total parental nutrition (TPN) is very vital nutritional support for survival of extreme preterm, extreme low birth weight and in some surgical patients where enteral nutrition is contraindicated. We prepare TPN in Laminar flow and take utmost precaution to prevent sepsis. During super cyclone "FANI" the unit staff showed much integrity in work which was well appreciated. An Orphan baby was also managed in NICU at that time which was successfully discharged through proper channel. The department is running follow up clinic on every "Tuesday" from 3 pm to 5 pm for high risk NICU graduated. Neurodevelopmental assessment is being done which helps to initiate early intervention/ multidisciplinary developmental supportive care for these babies.

AWARDS, HONORS & SIGNIFICANT EVENTS

Department of Neonatology was awarded "BEST UNIT" in Annual day celebration on 21st September, 2018 at AIIMS, Bhubaneswar.



NEUROLOGY

NEUROLOGY

FACULTY

Dr Sanjeev Kumar Bhoi	Associate Professor (I/C Head)
Dr Menka Jha	Assistant Professor

HIGHLIGHTS

Neurology department AIIMS Bhubaneswar was established in April 2016. The department is providing clinical services (in-patient and out-patient) to patients coming from all corners of Odisha and adjoining states. Out patient services include both regular OPDs and special neurology clinic-Epilepsy, movement disorder and headache clinics every week.

Laboratory services include Video EEG, Nerve conduction study, Electromyography, Evoked potentials (visual, somatosensory and auditory). The department also provides minor procedures for both diagnostic and therapeutic purposes which include carpal tunnel injection, Botox injection, nerve, muscle and skin biopsy.

DM Neurology program has been commenced in January 2019 with an intake of 2 students each year.

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. January 2019 saw a major academic achievement of the department, as the DM course in neurology commenced. 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.

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

Dr Sanjeev Kumar Bhoi, Associate Professor

1. Attended 58th Annual Conference of National Academy of Medical Sciences (NAMSCON 2018) from 26th to 28th October 2018 at Sri Balaji Vidyapeeth, Puducherry.
2. Attended as invited speaker at 6th RSSDI Odisha 2018, held on 8th & 9th September 2018, Cuttack. Title of the talk was Neurological problems in Diabetes and Management.
3. Attended as invited speaker at Neurology Update Patna, held on 18th November 2018, Patna Bihar. Title of the talk was Recent advancement in Migraine.

4. Attended as invited speaker at APMRO 1st annual conference, held on 9th December 2018, Cuttack Odisha. Title of the talk was Principles of NCV, EMG study & its Application in CT syndrome.
5. Attended as invited speaker at 38th annual conference APICON Odisha 2018 held on 10th & 11th November 2018, Burla Odisha. Title of the talk was Epilepsy: Current management strategy.
6. Attended and presented at paper at Annual Conference of the Indian Academy of Neurology- IANCON 2018 held from 27th to 30th September 2018 at Raipur.
7. Attended as invited speaker at 7th Neuro Vision Odisha 2018 held on 10th & 11th November 2018, Bhubaneswar Odisha. Title of the talk was Epilepsy: Approach to management of hyper kinetic movement disorders.
8. Attended and presented at 3rd international TBM consortium meeting held on 28th Feb, 1st & 2nd March 2019 at SGPGIMS, Lucknow.

Dr Menka Jha, Assistant Professor

1. Attended Neuro-critical care workshop 2018 from November 2-4, 2018 at Hyderabad, India.
2. Dr Menka Jha attended WOMEN MS SUMMIT at Hyderabad on 23rd March 2019.
3. Dr Menka Jha attended Faculty development programme at AIIMS Bhubaneswar on 29th and 30th March 2019 AIIMS Bhubaneswar.

RESEARCH

Funded Projects: (Intramural)

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, start year: 2019 (two years)
Funds: Rs. 131629.00
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, start year: 2019 (two years)
Funds: Rs. 335000.00
IEC approval number: T/IM-F/18-19/35

Departmental: (Non- funded)

Ongoing :

1. Title of the project: Prospective evaluation of non headache symptoms in migraine patients
Name of the principal investigator: Dr Sanjeev Kumar Bhoi
Duration, start year: 2018
IEC approval number: T/IM-NF/Neuro/17/48

PUBLICATIONS

1. Bhoi SK, Naik S, Jha M, Sahu L. Delayed onset dancing hand syndrome following thalamic hemorrhage. *Neurol Sci.* 2019 Jan;40(1):189-191. PMID: 30155652
2. Naik S, Bhoi SK. Association of venous varix and developmental venous anomaly: report of a case and review of literature. *BMJ Case Rep.* 2019 Mar 12;12(3). PMID: 30862669
3. Bhoi SK, Naik S, Kalita J, Misra UK. Pellets in the Eye: Cerebral Aneurysm and Encephalomyeloneuropathy as Presenting Syndromes. *J Stroke Cerebrovasc Dis.* 2018 Dec;27(12):3670-3672. PMID: 30078762
4. Misra UK, Kalita J, Sagar B, Bhoi SK. Does adjunctive corticosteroid and aspirin therapy improve the outcome of tuberculous meningitis? *Neurol India.* 2018 Nov-Dec;66(6):1672-1677. PMID: 30504561.
5. Kalita J, Sonkar KK, Misra UK, Bhoi SK. Does Metabolic Syndrome Determine Severity and Disability of Chronic Low Backache? *J Neurosci Rural Pract.* 2018 Apr-Jun;9(2):208-213. PMID: 29725171
6. Phadke RV, Naik S, Udiya A, Shetty GS, Singh V, Bhoi SK. Role of MR spectroscopy in diagnosis of intracranial neuroenteric cyst. *Childs Nerv Syst.* 2018 Sep;34(9):1791-1794. PMID: 29679196.
7. Kalita J, Uniyal R, Misra UK, Bhoi SK. Neuronal Dysexcitability May Be a Biomarker of Migraine: A Visual Evoked Potential Study. *Clin EEG Neurosci.* 2018 Sep;49(5):342-350. PMID:28974100.

PATIENT CARE / HOSPITAL SERVICES

Neurology department provides services to outpatient, inpatient, and emergency departments. In last 1 year 13,103 (OPD) patients and 263 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 April 2018 to March 2019, 2863 patients were evaluated by above neurophysiological tests {1700 VEEG, 1163 ENMG}. Minor procedure like carpal tunnel injection in 108 patients and Botox injection in 3 patients were performed in last 1 year. Neurology OPD services are also provided at AIIMS satellite centre at Balasore.

AWARDS, HONORS & SIGNIFICANT EVENTS

1. Dr Sanjeev Kumar Bhoi has been elected as member National Academy of Medical Sciences in the year 2018
2. Department of Neurology and Neurosurgery presented scientific sessions at Neuro-club meet of Odisha in March 2019 at Bhubaneswar where senior residents and junior residents actively participated and presented cases.



NEUROSURGERY

NEUROSURGERY

FACULTY

Dr. Rabi Narayan Sahu	Additional Professor and Head
Dr. Ashis Patnaik	Associate Professor
Dr. Sumit Bansal	Associate Professor
Dr. Ranjan Kumar Jena	Associate Professor
Dr. Ayusman Satapathy	Assistant Professor:
Dr. Santanu Kumar Bora (30.01.2018 – 22.10.2018)	Assistant Professor

HIGHLIGHTS

Neurosurgery ward (I+4) was inaugurated on 20.09.2018 with capacity of 30 beds. On AIIMS Annual Day (20.09.2019), Department of Neurosurgery got the “Best Hospital Ward” award. Department of Neurosurgery is currently having two units with 6 faculty with 6 academic senior residents. Department of Neurosurgery, AIIMS, Bhubaneswar was the first to start MCh Neurosurgery Programme among all six new AIIMS. Department of Neurosurgery is providing round the clock emergency services along with 5 days OPD (from Monday to Friday) with thrice weekly operative days (Monday, Wednesday and Friday with timing from 8 AM to 8 PM). Majority types of Neurosurgical procedures are being done in neurosurgery OTs. These included Complex vascular, CV Junction, CP Angle tumors, Peripheral nerves surgery, Spinal fixation, brain and spinal tumors. Cerebral Angiography is being done in Cath lab to diagnose various vascular ailments such as Aneurysm and AV Malformation.

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

Dr Rabi N Sahu

1. Received the ICMR international travel Grant to attend the 46th Annual Meeting of ISPN, held in Tel Aviv, Israel, between October 2018 ,11-7 (Ref ICMR Travel grant Letter no 3/2TG-95/HRD-2018 Dated 23/08/2018); where he presented the paper “Bifrontal Flap Unilateral Interhemispheric Approach to Peri-chiasmatic cranio-pharyngiomas”.
2. Attended the ACNS & WFNS Foundation Live Surgery – Seminar on 16-17 March 2019 at KIMS Hospital Auditorium, Hyderabad, India & Presented paper “Miscellaneous pathology in Endonasal Endoscopic Pituitary Surgery- an experience”.
3. Invited as chairperson expert to the Minimally invasive spine surgery workshop, 2019 at Sanjay Gandhi Post Graduate Institute of Medical Sciences, Lucknow on 22nd to 24th February, 2019.
4. Attended & chaired session at the Amrita Asian Craniofacial Congress 2018 (AACC 2018) held on

7th and 8th July 2018 at Amrita Institute of Medical Sciences, Kochi.

5. Attended as expert in the 15th EEG & Epilepsy surgery Workshop held in Benares Hindu University, Varanasi, UP from November 21-23rd, 2018.
6. Invited as chairperson & presented paper "Nuances of paediatric brain tumours and their management strategies" at the 1st Annual Brain Tumor Symposium, held in AIIMS Raipur, Chhattisgarh on 2nd Feb 2019.

Dr Ashis Patnaik

1. Attended "World Federation of Neurosurgical Societies (WFNS) 2019 International Meeting" at Belgrade, Serbia, from 21-24th March 2019 and presented a poster named "Rare cases of Rosette forming Glioneuronal Tumors of Septum Pellucidum".
2. Attended "Masterclass in Neurosurgical Oncology- Simplifying Glioma Surgery" at Tata Memorial Centre, Mumbai, from 8-10th March 2019.
3. Attended "SKULLBASE CONFERENCE-2018" at Ludhiana, Punjab and presented an oral presentation titled "Endoscopic Endonasal Surgery for Functional Pituitary Adenomas: An Institutional Experience".

Dr Sumit Bansal

1. Attended "8th Annual Conference of Indian Society for Peripheral Nerve Surgery (ISPNSCON 2019)", organized at Chennai, from 8-10 Feb 2019. He presented a Paper: Median nerve parachordoma masquerading schwannoma: An uncommon case.
2. Attended "1st National Seminar on Safety and Quality in Health Care", organized at AIIMS, Bhubaneswar on 8th December 2018.
3. Attended Workshop on "Principles and Practice of Clinical Research", organized at ICMR-RMRC, Bhubaneswar from 13th November to 14th November 2018.
4. Attended 7th Neurovision Odisha - 2018, organized at Hotel Swosti Premium, Bhubaneswar from 10-11th November 2018.
5. Attended "20th Annual Conference of Skull Base Surgery Society of India (Skullbasecon 2018)", organized at Hotel Radisson Blue, Ludhiana, Punjab, from 1st November – 3rd November 2018. He took part in "Cadaveric Hand-on Workshop on skull base surgery" on 1st November 2018. He also presented an award Paper: "Microsurgical treatment of Midline Anterior Skull Base Meningioma: an institutional series of 18 cases".

Dr Ranjan Kumar Jena

1. Organized Cadaveric Workshop & CME on high-speed drill, on 7th April 2018, at AIIMS, Bhubaneswar. He was the Organizing Secretary for the workshop.
2. Attended Amrita Asian Craniofacial Congress 2018, organized at Kochi from 7th - 8th July.

3. Attended 46th Annual Meeting of the International Society for Pediatric Neurosurgery (ISPN), organized at Tel-Aviv, Israel from 7th-11th October 2018. He also presented poster on "Supratentorial ependymomas in a 9 year child".
4. Attended Workshop series 2018-19, Basic Statistical Analysis using SPSS, organized at Indian Institute of Public Health, Delhi from 27th-30th November, 2018.
5. Attended National Seminar on Patient Safety & Quality organized at AIIMS, Bhubaneswar on 8th December 2018.

RESEARCH

Departmental: Non-Funded

Ongoing :

1. Title of the project. Assessment of hearing loss in minor head injury: A prospective study at AIIMS, Bhubaneswar.
Name of the principal investigator: Dr Sumit Bansal
Funding agency: Nil
Duration-2 years, start year: 2017
Funds: Nonfunded
IEC approval number: T/IM-NF/NS/17/06
2. Title of the project. Prevalence & clinical characteristics of neuropsychiatric manifestations of Traumatic Brain Injury; A Cross sectional & observational study.
Name of the principal investigator Dr. Ranjan Kumar Jena
Funding agency: Nil
Start year: 2018
Funds: Nonfunded
IEC approval number:T/IM-NF/NEURO-SURGERY/18/36
3. Title of the project. Analysis of utility, number and radiation dose of post operative CT scans in cranial surgery patients
Name of the principal investigator Dr. Chinmaya Dash
Funding agency: Nil
Start year: 2018
Funds: Nonfunded
IEC approval number: T/IM-NF/T&EM/18/41

PUBLICATIONS

1. Sahu RN, Sardhara J, Singh AK, Sahu S, Chovatiya P, Srivastava AK, et al. Efficacy of double drug impregnated autologous coagulum patch versus single drug impregnated autologous coagulum patch in postoperative pain management after spinal surgery. *Asian journal of neurosurgery*. 2018; 13:614. PMID: 30283513
2. Singh S, Patnaik A, Sahu RN, Jena SS, Mohakud S, Purkait S. Rare case of meningeal tuberculoma mimicking meningioma in term pregnancy and its management. *Surgical neurology international*. 2018; 9:178. PMID: 30221023
3. Bansal S, Sahu RN, Patnaik A. Microsurgical treatment of Interhemispheric Epidermoid: an institutional series. *Neurol India* 2019; 67: 278-281. PMID: 30860136
4. Purkait S, Bansal S, Malgulwar PB. BRAF V600E-mutated central nervous system tumor with divergent morphological feature – Anaplastic pleomorphic xanthoastrocytoma-like and astroblastoma-like. *Neuropathology* 2019; 39: 64-67. PMID: 30557911
5. Bansal S, Sahu RN, Patnaik A. Nondystrophic holocord intramedullary lipoma: an uncommon case. *Childs Nerv Syst*. 2018; 34:591-592. PMID: 29460061

PATIENT CARE / HOSPITAL SERVICES

1. Department of Neurosurgery is actively engaged in providing Neurosurgery outpatient care in Satellite OPD Centre at Balasore, Odisha in collaboration with DRDO.
2. Department of Neurosurgery remain pioneer in Eastern India to provide state of the art Neurosurgical procedures like-
 - a. Epilepsy Surgery using IONM (Intra Operative Neuro Monitoring)
 - b. Awake Craniotomy
 - c. Minimally invasive spine surgery (MISS-TLIF)
 - d. Endoscopic excision of colloid cyst and Endoscopic Third Ventriculostomy (ETV)
 - e. Brachial Plexus and peripheral nerve surgery
 - f. First Cerebral Digital Subtraction Angiography (DSA). AIIMS Bhubaneswar is the only Government center, which provides cerebral DSA procedure service.

AWARDS, HONORS & SIGNIFICANT EVENTS

1. Department of Neurosurgery got the “Best Hospital Ward” award on the AIIMS Annual day 2018.
2. Guest Lectures by Prof. (Dr) P. Sarat Chandra, Senior Professor, Department of Neurosurgery, AIIMS, New Delhi were held on “Epilepsy Surgery” and “CVJ anomaly-DCER technique” in Department of Neurosurgery at AIIMS, Bhubaneswar on 15th November 2018.
3. Department of Neurosurgery, AIIMS, Bhubaneswar organized Twin-City Neuroclub at Bhubaneswar on 13 April 2019. About 50 Neurosurgeons, Neurologists and Neuro-endocrinologist along with residents attended the event.

4. Dr Rabi N Sahu, received the ICMR international travel Grant to attend the 46th Annual Meeting of ISPN, held in Tel Aviv, Israel, between October 2018 ,11-7 (Ref ICMR Travel grant Letter no 3/2TG-95/HRD-2018 Dated 23/08/2018); Where he presented the paper “Bifrontal Flap Unilateral Interhemispheric Approach to Peri-chiasmatic cranio-pharyngiomas”.
5. Dr. Ranjan Kumar Jena organized Cadaveric Workshop & CME on high-speed drill, on 7th April 2018, at AIIMS, Bhubaneswar. He was the Organizing Secretary for the workshop.



Neurosurgery ward (I+4) was inaugurated on 20.09.2018 with 30 beds.



Dr. Sumit Bansal, Associate Professor, Department of Neurosurgery, presenting an award paper in 20 th Annual Conference of Skull Base Surgery Society of India (Skullbasecon 2018), organized at Ludhiana, Punjab, from 1 st November – 3 rd November 2018



Department of Neurosurgery got the “Best Hospital Ward” award on the AIIMS Annual day 2018.



Guest Lectures by Prof. (Dr) P. Sarat Chandra, Senior Professor, Department of Neurosurgery, AIIMS, New Delhi were held on “Epilepsy Surgery” and “CVJ anomaly-DCER technique” in Department of Neurosurgery at AIIMS, Bhubaneswar on 15th November 2018.



NUCLEAR MEDICINE

NUCLEAR MEDICINE

FACULTY

Dr. Kanhaiyalal Agrawa

Assistant Professor

HIGHLIGHTS

The department of Nuclear Medicine is presently involved in patient care and imaging using radioisotopes. Department has one gamma camera machine (16 slice SPECT-CT), thyroid uptake probe and Nuclear cardiac laboratory facility. Department has also started radionuclide treatment (radioiodine and bone pain palliation) in the current year.

EDUCATION

Department is involved in teaching of MBBS, BSc radiography 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 symposium "Nuclear Medicine update" from 07.04.18 to 08.04.18 at AIIMS, Rishikesh and delivered lecture on "Nuclear Medicine in Imaging of Skeletal Infections".
2. Attended CME on "Thyroid update" on 23.05.2018 at AIIMS Bhubaneswar and delivered lecture on "Role of Nuclear Medicine in managing thyroid disorder"
3. Attended 16th Annual Conference of Association of Nuclear Medicine Physicians of India (ANMPI) from 21.09.18 to 23.09.18 at Kochi, Kerala participated as a judge for best scientific paper.
4. Attended 50th Annual Conference of Society of Nuclear Medicine India (SNMI) from 22.11.18 to 25.11.18 at PGIMER, Chandigarh and delivered lecture on "Pediatric Lymphoma: What the current guidelines recommend".
5. Attended 48th Annual Conference of Endocrine Society of India, ESICON 2018 on 15.11.18 at Bhubaneswar, Odisha and delivered lecture on "Role of PET-CT imaging in Endocrinology".
6. Attended 2nd JIPMER research leadership mentoring programme from 04.02.19 to 08.02.19 at JIPMER, Puducherry.
7. Attended "Regional Seminar: Update on radiation safety" on 23.02.19 at AIIMS, Bhubaneswar and delivered a lecture on "Basic concepts of radiation and radiation in human use"

RESEARCH

Funded Projects: (Intramural)

Ongoing :

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: Rs. 399700
IEC approval number: T/IM-F/18-19/39

PUBLICATIONS

1. Mandegaran R, Agrawal K, Vijayanathan S, Gnanasegaran G. The value of 99mTc-MDP bone SPECT/CT in evaluation of patients with painful knee prosthesis. Nucl Med Commun. 2018;39(5):397-404. PMID: 29553970.
2. Meher BR, Agrawal K, Padhy BM. The global perspective of pharmacovigilance in nuclear medicine practice. Indian J Nucl Med. 2018;33(4):269-272. PMID: 30386045.
3. Behera KK, Agrawal K, Adhya AK. Graves' disease with pancytopenia and hepatic dysfunction: a rare case presentation. Indian J Nucl Med. 2019;34(1):38-41. PMID: 30713378.

PATIENT CARE / HOSPITAL SERVICES

Department has currently one gamma camera machine (16 slice SPECT-CT), thyroid uptake probe and Nuclear cardiac laboratory facility. Department is providing Nuclear Medicine Thyroid OPD service. Department has also started radionuclide treatment like radioiodine treatment for thyroid cancer and thyrotoxicosis, and bone pain palliation for cancer patient.

AWARDS, HONORS & SIGNIFICANT EVENTS

1. Department of Nuclear Medicine co-organized CME on "Thyroid update" on 23.05.2018 at AIIMS, Bhubaneswar in collaboration with department of Endocrinology and department of community medicine.
2. Department of Nuclear Medicine co-organized "Regional Seminar: Update on radiation safety" on 23.02.19 at AIIMS, Bhubaneswar in collaboration with college of Nursing.



COLLEGE OF NURSING

COLLEGE OF NURSING

FACULTY

Dr. Asha P Shetty	Professor cum Principal
Dr. Renju Sussan Baby	Associate Professor
Mr. L Anand	Associate Professor
Mrs. Mariamma V George	Associate Professor
DR. Smitha MV	Associate Professor
Ms. Dharitri Swain	Assistant Professor
Mr. Nandakumar	Assistant Professor
Ms. Shyama Devi	Assistant Professor
Ms. Hepsi bai	Assistant Professor
Ms. Nadiya Krishnan	Assistant Professor
Ms. Geetarani Nayak	Assistant Professor
Mr. Mahalingam	Assistant Professor
Mr. Alwin Issac	Tutor / Clinical Instructor
Mr. Sam Jose	Tutor / Clinical Instructor
Mr. Vijay VR	Tutor / Clinical Instructor
Ms. Mamta Das	Tutor / Clinical Instructor
Ms. Sujata Mohapatra	Tutor / Clinical Instructor
Ms. Manjula Kumari Nayak	Tutor / Clinical Instructor
Mr. Jaison Jacob	Tutor / Clinical Instructor
Ms. N.Sadana Priyadarshani	Tutor / Clinical Instructor
Ms. A Serma Subathra	Tutor / Clinical Instructor
Mrs. Harpreet Kaur	Tutor / Clinical Instructor
Mr. Anoop S Nair	Tutor / Clinical Instructor
Mr. Aruna Kumar Kasturi	Tutor / Clinical Instructor
Ms. Sandhiya K	Tutor / Clinical Instructor
Ms. Sasmita Panigrahi	Tutor / Clinical Instructor
Ms. Indumathi	Tutor / Clinical Instructor
Mr. Rakesh VR	Tutor / Clinical Instructor
Ms. Priyadarshini T	Tutor / Clinical Instructor

Ms. Suchismita Sahoo	Tutor / Clinical Instructor
Mr. Jahir Hussain	Tutor / Clinical Instructor
Mr. Shine Stephen	Tutor / Clinical Instructor
Mr. Azhar SM	Tutor / Clinical Instructor
Ms. Kalaivani H	Tutor / Clinical Instructor
Ms. Malini Digal	Tutor / Clinical Instructor
Ms. Rekha Parida	Tutor / Clinical Instructor
Mr. Karthick M	Tutor / Clinical Instructor
Ms. Rahmita Tigga	Tutor / Clinical Instructor
Ms. Bhanuprava Mallick	Tutor / Clinical Instructor

HIGHLIGHTS

College of Nursing AIIMS Bhubaneswar became officially functional from July, 2013. The college offers both undergraduate (B.Sc. Hons. Nursing) and postgraduate (M.Sc. nursing) nursing programs. College is proud that second batch i.e, 2014 batch has successfully completed the 4 year undergraduate program by July 2018. The postgraduate program was formally started on 1st Aug, 2018 with an intake of 20 students in five specialities. The faculty, clinical instructors and students were actively involved in patient care services in the hospital & community by providing direct patient care, patient and family education and counselling services for various groups of patients in the hospital & community. The college conducts important curricula and educational activities as part of the academic program. The faculty and tutors were actively engaged in induction training program for newly appointed nursing officers.

EDUCATION

At present department is involved in post graduate and under graduate structured nursing programs. For clinical experience, students are posted in various wards of AIIMS Bhubaneswar and rural and urban areas. Students are involved in hands-on training in conducting deliveries at Khurda District hospital. Both summative and formative evaluation becomes part of assessment and annual examinations are held in the month of June-July. Various skill training programs such as infusion nursing, BLS, colostomy care, fire safety were organised as part of the academic activities. On successful completion of the course 45 students were recruited as nursing officer on contractual basis at AIIMS Bhubaneswar.

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

Dr. Asha P Shetty

1. Attended Programme on Implementation (POI) on NABH nursing excellence certification standards on 28th and 29th April 2018 at New Delhi
2. Presented paper neonatal skin care at Trained Nurses Association of India (TNAI) 26th and 27th June 2018 at New Delhi .
3. Attended the brainstorming session on transforming nursing education in India organised by NITI Aayog at New Delhi on 25th July 2018
4. Participated in Induction training program for nursing officers and Presented a topic on interpersonal communication skills and telephonic etiquette on 12th September 2018, at AIIMS Bhubaneswar.
5. Attended conference of 8th to 10th October BRICS nations nursing forum, organised by Indian Nursing Council at Delhi, Hotel EROS.
6. Attended International Nursing conclave 2018 and delivered a talk titled "Reflections on nursing as a science" at Rufaida College of nursing Jamia Hamdard University New Delhi from 29th to 31st October 31, 2018 November 20, 2018.
7. Attended 2nd national conference on " Changing paradigm in nursing strategy to augment the patient care" organised by college of nursing JIPMER, Pondicherry on 15th and 16th November 2018 at Dr A P J Abdul Kalam JIPMER AUDITORIUM, Pondicherry
Chairperson for a session:
 - A.. Exploring latest innovation in geriatric care
 - B. Advancement in post-operative care of surgical patients
 - C. .Advanced role of nurse in caring oncology patientsResource person for a session on " Root cause analysis of child abuse"
8. Was a facilitator for newborn week celebration organised from November 15th to 21st November. and for the workshop conducted on Neonatal resuscitation on 19th and 20th November 2018 at AIIMS Bhubaneswar
9. Conducted Zonal level Nursing quiz in Neonatology organised by National Neonatology Forum held at AIIMS Bhubaneswar on 27/10/2018.
10. Attended national seminar on patient safety and quality organised by department of Hospital administration, AIIMS Bhubaneswar on 8th December, 2018.
11. Attended sensitization work shop held on 9/12/2018 on patient safety at college of nursing, AIIMS, Bhubaneswar.

12. Was a chairperson for organising 5th State level Society of midwives of India (SOMI) conference Odisha Chapter organised at AIIMS Bhubaneswar on 12/12/2018 on theme " Midwives for better perspective:"
13. Presented a paper as a resource person on topic "Advances in Baby Skin Care" during the TNAI XXVII TNAI Biennial Conference at Dr. Shyama Prasad Mukherjee Stadium, Dona Paula, Goa on December 11-16, 2018.
14. Participated as Resource person in the National conference on the theme " Family Nursing: way forward to sustain excellence" organised by Sr Ramachandra Institute of higher education and research on 8th and 9th January , 2019 at Chennai, Tamil Nadu. Was a resource person and presented the topic: Family nursing; challenges for today and tomorrow on 8th Jan 2019.
15. Attended as chairperson for Yenepoya (deemed to be)University for the viva-voce examination for the Phd programme on 12.01.2019 at Yenepoya deemed to be university Mangalore.
16. Participated as a delegate for CME and workshop on management of lymhoedema by department of Burns and Plastic surgery, AIIMS Bhubaneswar on 17th January 2019.
17. Participated in Indo-US symposium on Building capacity in International Health Professional Education held at Centre for Continuing Education and Interprofessional Development (CCEID) Manipal Academy of Higher Education (MAHE), Manipal on 22nd and 23rd January 2019.
18. Participated in training program" Hospital Disaster management Plan" conducted by National Institute for disaster management New Delhi from 3rd to 8th February 2019.
19. Attended CME on "Many Defects One Voice" on 12.03.2019 on account of world Birth defects day by Still births and Birth Defects Surveillance Cell AIIMS Bhubaneswar.
20. Participated as a resource person in State level workshop on "Standard Based Management & Recognition (SBMR)" SIH & FW Conference Hall, BBSR organized by Directorate of Nursing, Odisha, 28th to 29th March, 2019.

Dr. Renju Sussan Baby

1. Participated as a resource person as an evaluator of scientific paper and poster presentation in the 1st national conference in palliative and hospice care organized by MOSC College of Nursing, Kolenchery on 30th and 31st January 2019.
2. Participated as resource person and took a session on "5A and Brief intervention in tobacco cessation" in the state level tobacco cessation training programme organized by government of Odisha and AIIMS Bhubaneswar from 26th to 28th March 2019.

Mr. L Anand

1. Presented a paper entitled "Colostomy care- Innovative bundles" at National conference on "Innovative techniques in post- operative nursing care bundle" organized by Karpaga vinayagar college of nursing, Pudukokottai on 13th June, 2018.

2. Presented a paper entitled "Advancing roles of nurses in oncology nursing." at National conference on "changing paradigm in nursing strategy to augment the patient care" organized by JIPMER, Puducherry on 15th June, 2018.
3. Participated in BLS and ACLS workshop organized by Department of Anesthesia, AIIMS, Bhubaneswar on 21 October, 2018.
4. Participated as Resource person and delivered a lecture on "Best practices in nursing education" at National conference on "Best practices in nursing" (United nation academic impact program) organized by Bishop Beziger College of Nursing, Kerala ON 30th November, 2018.
5. Participated in National seminar on patient safety and quality organized by Department of hospital administration. AIIMS, BBSR on 8th December, 2018.
6. Attended and chaired a session in SOMI State level conference organized by College of Nursing, AIIMS, Bhubaneswar on 12th December, 2018.
7. Attended the Workshop on management of lymphoedema organized by Department of Burns & plastic surgery, AIIMS, Bhubaneswar on 17th January, 2019.
8. Attended as Resource person and delivered a talk on "Innovative teaching and learning techniques" at National conference on "Challenges and solution of Nursing Education in 21st century" organized by CM Patel college of nursing, Gujarat on 6th February, 2019.
9. Participated as expert faculty and presented paper on "Recent advances in medical surgical nursing" at National level CNE "Innovations & advanced practice in medical surgical nursing" held at Bhubaneswar on 27th February, 2019
10. Participated as Faculty and delivered a talk on cardiac monitoring in critically ill patients in CARDICON2019 organized by National Academy of Indian Railways (NAIR), Vadodara on 1st March, 2019.

DR. Smitha MV

1. Presented a scientific paper "Nursing intervention in PGP" at International Conference: Nurses & Midwives for universal health coverage Nov29-Dec1 2018, New Delhi
2. Presented a concept poster, "Nursing interventions in the management of after pains" and chaired a session on 'obstetric emergencies and its management' at 5th Society of Midwives of India (SOMI) State Level Conference-Odisha Chapter "Midwives for Better Perspectives" on 12th Dec 2018, Organized by College of Nursing AIIMS, Bhubaneswar.
3. Participated in a workshop on 'Building capacity in interprofessional education' 22/01/2019 to 22/01/2019 at MGH institute, Manipal.
4. Attended a Seminar on Birth Defects on 12/03/19 at AIIMS, Bhubaneswar

Ms. Dharitri Swain

1. Organizing secretary of 5th Society of Midwives of India (SOMI) State level Conference – Odisha Chapter organized by College of nursing, AIIMS Bhubaneswar on 12/12/2018.
2. Invited as Resource person on 'Safe Motherhood Day' organized by KIIT University, Bhubaneswar, 11th April 2018
3. Attended Zonal level Nursing quiz in Neonatology (Quiz Master) organised by National Neonatology Forum held at AIIMS Bhubaneswar on 27/10/2018
4. Participated as Facilitator in the workshop conducted on "Neonatal Resuscitation" organized by Department of Neonatology and College of Nursing as a part of New-born week observation on 19/11/2018 - 20/11/2018.
5. Presented scientific paper on "Effect of Birth and Emergency preparedness Midwifery support on pregnancy outcome in rural southeastern India" on 22nd Annual National Conference of Nursing Research Society of India held at SSKM Government College of Nursing, Kolkata from 29 / 11/2018 to 01/12/2018.
6. Attended the National Seminar on "Patient Safety & Quality Health care" organized by Dept. of Hospital Administration AIIMS, Bhubaneswar on 08/12/2018.
7. Attended the CME on "Many birth defects, one voice" organised by still births and birth defects Surveillance Cell of AIIMS Bhubaneswar on 12/03/2019

Mr Nandakumar

1. Presented a scientific paper in International Nursing Conference on 'Is our Nursing Practice Evidence based? Review of Essential Skills in health care and Nursing Education' 23rd & 24th Nov 2018 held at Institute of Nursing Sciences, KLE Belgaum
2. Attended National Seminar on Patient Safety and Quality on 8th Dec 2018 at AIIMS, Bhubaneswar.
3. Presented a concept poster, "Dental care in Pregnancy" at 5th Society of Midwives of India (SOMI) State Level Conference-Odisha Chapter "Midwives for Better Perspectives" on 12th Dec 2018, Organized by College of Nursing AIIMS, Bhubaneswar.
4. Chaired a session in 18th Annual National Conference of Indian Society of Psychiatric Nurses (ISPN) on Role of Nurse Promoting Positive Mental Health on 15th to 17th Feb 2019 at Lokopriya Gopinath Bordoloi Regional Institute of Mental Health (LGBRIMH) Tezpur, Assam
5. Attended National workshop on Critical care beyond the basics: Nurse Practitioner forefront Organized by New Bombay College of Nursing, Navi Mumbai from 28th March 2019 to 30th March 2019.

Ms. Shyama Devi

1. Attended 22nd Annual National Conference of Nursing Research Society of India held at SSKM Government College of Nursing, Kolkata from 30 / 11/2018 to 01/12/2018.

2. Attended the National Seminar on "Patient Safety & Quality Health care" organized by Dept. of Hospital Administration AIIMS, Bhubaneswar on 08/12/2018.
3. Participated and chaired a session in 5th state level Society of Midwives, India- conference (SOMI) Odisha Chapter organised by College of nursing, AIIMS Bhubaneswar, Odisha on 12th Dec 2018.
4. Attended CME & Workshop on Management of Lymphoedema on 17/01/2019 organized by Dept. of Burns & Plastic surgery, AIIMS Bhubaneswar.
5. Attended CME on "Updates of National Tobacco control program" on 30/01/2019.

Ms. Hepsi Bai

1. Conducted Zonal level Nursing quiz in Neonatology (Quiz Master) organised by National Neonatology Forum held at AIIMS Bhubaneswar on 27/10/2018
2. Participated as Facilitator in the workshop conducted on "Neonatal Resuscitation" organised by Department of Neonatology and College of Nursing as a part of New-born week observation on 19/11/2018 & 20/11/2018.
3. Attended 22nd Annual National Conference of Nursing Research Society of India held at SSKM Government College of Nursing, Kolkata from 29 / 11/2018 to 01/12/2018, presented scientific paper on "Emotional maturity, self-esteem and health risk behaviour among adolescents" and also presented research poster on "Risk factors for hyperbilirubinemia and side effects of phototherapy among neonates".
4. Attended the National Seminar on "Patient Safety & Quality Health care" organised by Dept. of Hospital Administration AIIMS, Bhubaneswar on 08/12/2018.
5. Participated as organising member cum delegate in 5th Society of Midwives of India (SOMI) State level Conference – Odisha Chapter organised by CON, AIIMS Bhubaneswar on 12/12/2018 and presented Research poster on "Clinical variables of neonate with hyperbilirubinemia and maternal awareness, perception regarding phototherapy" and received Best Poster Award.
6. Attended 5th Research Conference on "Health Promotion Research- Nursing Perspectives" organised by Omayal Achi College of Nursing, Chennai from 30/1/2019 to 01/02/2019 and presented scientific paper on "Prevalence, pattern and risk factors of internet addiction among adolescents" and presented research E-Poster on "Awareness and practice on prevention of dental caries among school children (8-13 years)" and received Best Research Paper Award and best E- Poster Award
7. Attended the Regional seminar on "An update on Radiation Safety" organised by Dept. of Nuclear Medicine on 23/02/2019
8. Attended the workshop as Resource person on "An update on Infusion Nursing" organised by College of Nursing AIIMS Bhubaneswar on 9/03/2019 & 10/03/2019
9. Attended the CME on "Many birth defects, one voice" organised by still births and birth defects

Surveillance Cell of AIIMS Bhubaneswar on 12/03/2019.

Ms. Nadiya Krishnan

1. Attended International Nursing Conclave on “ Leading nursing in times of change: Art science and innovation”, held at Hamdard convention Centre, JamiaHamdard University, Delhi, from October 29-31st 2018.
2. Attended National seminar on patient safety and quality held at AIIMS, Bhubaneswar, Odisha on 8th December 2018.
3. Participated in 5th state level Society of Midwives, India- conference (SOMI) Odisha Chapter organised by CON, AIIMS Bhubaneswar, Odisha on 12th Dec 2018 as organising member in charge of scientific committee and souvenir.
4. Chaired a session on Eclampsia management in 5th state level Society of Midwives, India-conference (SOMI) -Odisha Chapter organised by college of nursing, AIIMS Bhubaneswar on 12th Dec 2018.
5. Presented a poster titled ‘Case control study on cervical cancer’ and Won best scientific poster award in National conference on ‘Transforming health care: living with and beyond cancer’ held at Malabar institute of Medical Sciences (MIMS) college of nursing and Aster MIMS hospital, Calicut, Kerala from 24th -25th January 2019.
6. Attended Regional seminar on “update on Radiation Safety” held at AIIMS, Bhubaneswar, Odisha on 23rd Feb 2019.
7. Attended CME on “Many birth defects, one voice” organised by the Still births and birth defects surveillance cell, AIIMS Bhubaneswar on 12th March 2019.

Ms. Geetarani Nayak

1. Attended International Conference: Nurses & Midwives for universal health coverage Nov29-Dec1 2018, New Delhi.
2. Attended International conference on mixed Methods research (ICMMR- 2019) 22-24 Feb 2019, Kottayam, Kerala.
3. Attended 5th Annual Nursing Research Society of India (NRSI), North Zone Conference 15th -16th March NINE, 2019, PGIMER, Chandigarh.
4. Attended the national seminar on Patient safety 8.12.18 at AIIMS, Bhubaneswar.
5. Attended CME on “Many birth defects, One voice” held at AIIMS, Bhubaneswar on 12th march 2019 as faculty.

Mr. Mahalingam

1. Attended CME & Workshop on Management of Lymphoedema on 17/01/2019 organized by Dept. of Burns & Plastic surgery, AIIMS Bhubaneswar.

Mr. Alwin Issac

1. Attended 5th society of midwives of India state level conference on 12/12/2018 at AIIMS Bhubaneswar.

Mr. Sam Jose

1. Attended National Seminar on patient safety and quality on 08/12/18 at AIIMS, Bhubaneswar.
2. Attended 5th society of midwives of India (SOMI) state level conference-Odisha chapter on 12/12/2018 at AIIMS, Bhubaneswar.

Mr. Vijay VR

1. Attended National Seminar on patient safety and quality on 08/12/18 at AIIMS, Bhubaneswar.
2. Attended Workshop on Basic Life Support, department of trauma and emergency and department of anaesthesiology on 11/12/18 at AIIMS, Bhubaneswar.
3. Attended 5th society of midwives of India (SOMI) state level conference-Odisha chapter on 12/12/2018 at AIIMS, Bhubaneswar.

Ms. Mamta Das

1. Attended State level SOMI conference on "Midwives for a better perspective" on 12/12/18 at AIIMS, Bhubaneswar.
2. Attended National Seminar on patient safety and quality on 08/01/19 at AIIMS, Bhubaneswar.

Ms. Sujata Mohapatra

1. Attended CME on "Updates of National Tobacco control program" on 30/01/2019.
2. Presented research paper at SOMI State level conference, Odisha chapter on "Midwives for a better perspective" on 12/12/2018.

Ms Manjula Kumari Nayak

1. Conducted Zonal level Nursing Quiz in Neonatology organized by National Neonatology Forum (NNF) held at AIIMS, Bhubaneswar on 27/10/2018.
2. Participated as facilitator in the workshop conducted on "neonatal resuscitation" from 19th -20th November 2018 at college of nursing, AIIMS, Bhubaneswar.
3. Attended national seminar on "patient safety and quality in healthcare" on 8th December 2018 organized by dept of Hospital administration at AIIMS, Bhubaneswar.

4. Participated as delegate on 5th SOMI state level conference held on 12th December 2018 at AIIMS, Bhubaneswar. Presented concept poster on “positive neurodevelopment outcome of preterm time to work on it”.
5. Participated as resource person in induction training programme for nursing officers at AIIMS, Bhubaneswar on 24 th Jan 2019 on “IV injections and infusions”.
6. Participated as Delegate in the Neonatal and Pediatric ECG workshop organized by IAP on 24 th February 2019 at AIIMS, Bhubaneswar.
7. Participated as resource person in induction training programme for nursing officers at AIIMS, Bhubaneswar on 21 th Feb 2019 and delivered a lecture on “IV injections and infusions”.
8. Participated as delegate in the workshop “An update in Infusion Nursing” held at College of nursing, AIIMS, Bhubaneswar from 09/03/19-10/03/19.
9. Attended CME on “Many birth defects, One voice” held at AIIMS, Bhubaneswar on 12 th march 2019 as faculty.

Mr. Jaison Jacob

1. Attended Workshop on Neonatal resuscitation held from 19/11/18 to 20/11/18 at AIIMS, Bhubaneswar.
2. Attended National Seminar on patient safety and quality on 08/12/18 at AIIMS, Bhubaneswar.
3. Attended 5 th society of midwives of India (SOMI) state level conference-Odisha chapter on 12/12/2018 at AIIMS, Bhubaneswar.
4. Attended Seminar on An update on radiation safety held on 23/2/19 at AIIMS, Bhubaneswar.

Ms. N Sadhana Priyadarshani

1. Participated in National Seminar on patient safety and quality on 08/01/18 at AIIMS, Bhubaneswar.
2. Conducted workshop on “Neonatal Resuscitation “organised by Department of Neonatology and College of Nursing as a part of New- born week observation on 19/11/2018 ;20/11/2018.
3. Participated as organising member cum delegate in 5 th Society of Midwives of India (SOMI) State level Conference – Odisha Chapter organised by college of nursing, AIIMS Bhubaneswar on 12/12/2018 and presented conceptual poster.
4. Conducted Zonal level Nursing quiz in Neonatology organised by National Neonatology Forum held at AIIMS Bhubaneswar on 27/10/2018.
5. Participated as resource person in induction training programme for nursing officer at AIIMS Bhubaneswar on 25.01.2019 on Tracheostomy Care.
6. Attended the workshop on “An update on Infusion Nursing” organised by College of Nursing AIIMS Bhubaneswar on 9/03/2019 ; 10/03/2019.

Ms. A Serma Subathra

1. Attended a National Seminar on patient safety and quality on 08/12/18 at AIIMS, Bhubaneswar.
2. Attended seminar an update on Radiation Safety on 23/02/2019 at AIIMS, Bhubaneswar.
3. Participated in Biostatistics workshop from 22/04/2019 to 25/04/2019 at CON, AIIMS Bhubaneswar.

Ms. Harpreet Kaur

1. Attended State level conference on "Midwives for a better perspective" on 12/12/18 at AIIMS, Bhubaneswar.

Mr. Anoop S Nair

1. Attended National seminar on patient safety and quality on 08/12/18 at AIIMS, Bhubaneswar.
2. Attended 5 th society of midwives of India (SOMI) - State level Conference- Odisha chapter on 12/12/2018 at AIIMS, Bhubaneswar.
3. Attended Regional seminar "An update on radiation safety" on 23/02/2019 at AIIMS, Bhubaneswar.

Mr. Aruna kumar Kasturi

1. Attended the national seminar on safety and quality in healthcare on 8/12/2018 at AIIMS Bhubaneswar.
2. Attended 5 th society of midwives of India state level conference on 12/12/2018 at AIIMS Bhubaneswar.

Ms. Sandhiya K

1. Conducted Zonal level Nursing quiz in Neonatology Organised by National Neonatology Forum held at AIIMS Bhubaneswar on 27/10/2018
2. Attended Workshop on Neonatal Resuscitation on 20/11/18 at AIIMS, Bhubaneswar
3. "Participated as an organising member, delegate and presented concept poster on Management of Premature Infants in 5 th SOMI State level Conference Odisha Chapter on Midwives for a Better Perspective on 12/12/18 at AIIMS, Bhubaneswar.
4. Attended National Seminar on Patient safety and Quality on 08/01/19 at AIIMS, Bhubaneswar.
5. Attended Sensitization workshop on Mentorship held on 2 nd march at AIIMS, Bhubaneswar.
6. Attended Asthma Training Module Workshop organized by Indian Academy of Paediatrics National Respiratory Chapter held on 10 th March 2019.
7. Attended the CME on 'Many birth defects one voice' on 12/03/19 at AIIMS, Bhubaneswar.

Ms. Sasmita Panigrahi

1. Attended sensitization workshop on mentorship on 02.03.2019 at AIIMS, Bhubaneswar.

Ms. Indumathi

1. Conducted Zonal level nursing quiz in Neonatology Organised by National Neonatology Forum held at AIIMS Bhubaneswar on 27/10/2018.
2. Attended Workshop on Neonatal Resuscitation on 20/11/18 at AIIMS, Bhubaneswar.
3. Participated as an organising member, delegate and presented concept poster in 5 th SOMI State level Conference – Odisha Chapter on “Midwives for a Better Perspective” on 12/12/18 at AIIMS, Bhubaneswar.
4. Attended National Seminar on Patient safety and Quality on 08/01/19 at AIIMS, Bhubaneswar.
5. Attended CME on ‘Many birth defects one voice’ on 12/03/19 at AIIMS, Bhubaneswar.

Mr. Rakesh VR

1. Attended National Seminar on patient safety and quality on 08/12/18 at AIIMS, Bhubaneswar Workshop on Basic Life Support , department of trauma and emergency and department of anaesthesiology on 11/12/18 at AIIMS, Bhubaneswar.
2. Attended 5 th society of midwives of India (SOMI) state level conference-Odisha chapter on 12/12/2018 at AIIMS, Bhubaneswar.
3. Attended CME on management to lymphoedema on 17/01/19 at AIIMS, Bhubaneswar.

Ms. Priyadarshini T

1. Conducted Zonal level nursing quiz in Neonatology Organised by National Neonatology Forum held at AIIMS Bhubaneswar on 27/10/2018.
2. Attended Workshop on Neonatal Resuscitation on 20/11/18 at AIIMS, Bhubaneswar.
3. Participated as an organising member, delegate and presented concept poster in 5 th SOMI State level Conference – Odisha Chapter on “Midwives for a Better Perspective” on 12/12/18 at AIIMS, Bhubaneswar
4. Attended National Seminar on Patient safety and Quality on 08/01/19 at AIIMS, Bhubaneswar.
5. Attended CME on ‘Many birth defects one voice’ on 12/03/19 at AIIMS, Bhubaneswar.

Ms. Suchismita Sahoo

1. Resource person in Induction training programme for nursing officers organized by HRD cell, AIIMS, Bhubaneswar on 13/09/2018 on topic-Oral medication administration.
2. Attended the National Seminar on “Patient Safety & Quality Health care” organised by Dept. of Hospital Administration AIIMS, Bhubaneswar on 08/12/2018.

3. Participated as organising member cum delegate in 5th Society of Midwives of India (SOMI) State level Conference –Odisha Chapter organised by college of nursing, AIIMS Bhubaneswar on 12/12/2018.

Mr. Jahir Hussain

1. Attended the national seminar on safety and quality in healthcare on 8/12/2018 at AIIMS Bhubaneswar.
2. Attended 5 th society of midwives of India state level conference on 12/12/2018 at AIIMS Bhubaneswar.
3. Attended CME on “Updates of National Tobacco control program” on 30/01/2019.

Mr. Shine Stephen

1. Attended National Seminar on patient safety and quality on 08/12/18 at AIIMS, Bhubaneswar.
2. Attended Workshop on Basic Life Support, department of trauma and emergency and department of anaesthesiology on 11/12/18 at AIIMS, Bhubaneswar.
3. Attended 5 th society of midwives of India (SOMI) state level conference-Odisha chapter on 12/12/2018 at AIIMS, Bhubaneswar.
4. Attended CME on management to lymphoedema on 17/01/19 at AIIMS, Bhubaneswar.

Mr. Azhar SR

1. Attended National Seminar on patient safety and quality on 08/12/18 at AIIMS, Bhubaneswar.
2. Attended CME on management to lymphoedema on 17/01/19 at AIIMS, Bhubaneswar.
3. Attended CME on Tobacco control programme on 30/01/19 at AIIMS, Bhubaneswar.

Ms. Kalaivani H

1. Attended CME on Tobacco control programme on 30/01/19 at AIIMS, Bhubaneswar.

Ms Malini Digal

1. Attended the National Seminar on “Patient Safety & Quality Health care” organised by Dept. of Hospital Administration AIIMS, Bhubaneswar on 08/12/2018.
2. Participated as organising member cum delegate in 5th Society of Midwives of India (SOMI) State level Conference –Odisha Chapter organised by College of nursing, AIIMS Bhubaneswar on 12/12/2018.
3. Resource person in Induction training programme for nursing officers organized by HRD cell, AIIMS, Bhubaneswar on 13/09/2018 on topic-Oral medication administration.

Ms Rekha Parida

1. Attended National Seminar on patient safety and quality on 08/01/18 at AIIMS, Bhubaneswar.
2. Attended State level conference on “Midwives for a better perspective” on 12/12/18 at AIIMS, Bhubaneswar.

Mr. Karthick M

1. Attended National seminar on Patient safety and quality on 8/12/2018 at AIIMS, Bhubaneswar.
2. Attended CME on Tobacco control programme on 30/01/19 at AIIMS, Bhubaneswar.
3. Attended Asthma Training Module Workshop organized by Indian Academy of Paediatrics National Respiratory Chapter held on 10 th March 2019.

Ms. Rashmita Tigga

1. Attended Workshop on neonatal resuscitation on 20/11/18 at AIIMS, Bhubaneswar.
2. Attended State level conference on “Midwives for a better perspective” on 12/12/18 at AIIMS, Bhubaneswar.
3. Attended National Seminar on patient safety and quality on 08/01/19 at AIIMS, Bhubaneswar.
4. Attended CME on management of lymphoedema on 17/01/19 at AIIMS, Bhubaneswar.
5. Attended CME on ‘many birth defects one voice on 12/03/19 at AIIMS, Bhubaneswar.

Ms Bhanuprava Mallick

1. Conducted Zonal level Nursing quiz in Neonatology organised by National Neonatology Forum held at AIIMS Bhubaneswar on 27/10/2018.
2. Attended the workshop on “Neonatal Resuscitation” organised by Department of Neonatology and College of Nursing as a part of New-born week observation on 19/11/2018 & 20/11/2018.
3. Attended the National Seminar on “Patient Safety & Quality Health care” organised by Dept. of Hospital Administration AIIMS, Bhubaneswar on 08/12/2018.
4. Participated in the 5th Society of Midwives of India (SOMI) State level Conference – Odisha Chapter organised by College of nursing, AIIMS Bhubaneswar on 12/12/2019.
5. Attended the CME & Workshop on “management of lymph oedema” on 17/01/19 at AIIMS, Bhubaneswar.
6. Attended Neonatal & Paediatric ECG Workshop organized by IAP, Odisha State branch held on 24/02/2019 at AIIMS, Bhubaneswar.
7. Attended as delegate CME on Many birth defects, one voice held at, AIIMS, Bhubaneswar on 12/03/2019.

8. Resource person in Induction training programme for nursing officers organized by HRD cell, AIIMS, Bhubaneswar on 22/01/2019 on topic-Sample collection.

RESEARCH

Funded projects:

Ongoing:

1. Title of Project: Training programme on prevention of obstetric fistula in khurda district, Odisha
Name of the principal investigator: Mrs Dharitri Swain
Sponsoring Agency: ICMR
Duration: 3 years
Start Year: February 2017
Total Fund: 27 lakh
IEC approval number: T/EM-F/Nurs/13/08
2. Title of Project: Effect of Sudarshan Kriya Yogic (SKY) breathing Intervention on hormonal changes and quality of life related to menopausal symptoms among menopausal women: A randomized control trial
Name of the principal investigator: Mrs Dharitri Swain
Sponsoring Agency: Department of Science and Technology (DST),
Duration: 2 year
start year: January 2018
Total Fund: 26 lakh
Status: Ongoing
IEC approval number: T/EM- F/Nurs/17/06
3. Title of the project. Motivation and barrier towards screening for cervical cancer among rural women.
Name of the principal investigator: Mrs. Shyama Devi
Funding agency: AIIMS, Bhubaneswar;
Duration: 2yrs,
start year: 2018
Funds: Rs.50000
IEC approval number/IM-F/18-19/51

Departmental Non funded:

1. Title of Project: Problems encountered by nursing students in clinical learning area.
Name of the principal investigator: Dr Asha P Shetty
Sponsoring Agency: NA
Duration: 2 years
Start year: Dec-2018
IEC Approval number: IEC/AIIMSBBBSR/Nursing/2018-19/11
2. Title of Project: Perception of Patient safety culture among health personnel in a tertiary care hospital , AIIMS Bhubaneswar
Name of the principal investigator : Dr Asha P Shetty
Sponsoring Agency: NA
Duration: 2 years
Start year: Dec-2018
IEC Approval number: IEC/AIIMSBBBSR/Nursing/2018-19/14
3. Title of Project: Comparative study on effectiveness of breast milk and pre-recorded maternal voice on pain responses of neonates in NICU AIIMS Bhubaneswar
Name of the principal investigator : Dr Asha P Shetty
Sponsoring Agency: NA
Duration: 2 years
Start year: Dec-2018
IEC Approval number: IEC/AIIMSBBBSR/Nursing/2018-19/12
4. Title of Project; A cross -sectional study to assess the attitude and preference of antenatal women regarding modes of delivery.
Name of the principal investigator: Mrs Dharitri Swain,
Duration: One year,
StartYear: May 2018,
IEC approval number: IEC/AIIMS BBSR/Nursing/2018-19/5
5. Title of the project. A cross-sectional study on utilization and satisfaction towards anganwadi services for children beneficiaries (< 6yrs) among rural mother.
Name of the principal investigator: Mrs Shyama Devi
Funding agency: nil;
Duration: 1 year,
Start year: 2018
Funds: NA
IEC approval number: IEC/AIIMS BBSR/Nursing/2018-19/08

PUBLICATIONS

1. Dharitri Swain, Swayam Prangya Parida¹, Preparedness of Young Girls for Prevention of Cervical Cancer and Strategy to introduce the HPV Vaccine. Indian Journal of community medicine. Special Supplement 2018; 43: 38-41. DOI:10.4103/ijcm.IJCM_14_18.PMID-30686873.
2. Dharitri Swain, Swayam Prangya Parida, Saubhagya Kumar Jena, Mahasweta Das, Hrushikesh Das. Obstetric Fistula: A Challenge to Public Health. Indian Journal of Public Health. January-March 2019; 63(1): 73-78 PMID-30880741.

AWARDS, HONORS & SIGNIFICANT EVENTS

1. Mrs Dharitri Swain, Assistant professor received, RULA, Research Ratna award of the year 2019
2. Ms. Hepsi Bai J received "Best Young Researcher Award" by Venous International Foundation on 28/09/2018
3. Ms. Geetarani Nayak, Dr Sarvepalli Radhakrishnan Life Time achievement national award for Teaching, research and publication by IRDP group of Journals, Chennai



First convocation for first batch of B.SC. (Hons) Nursing on 26th August 2018



Lamp lighting ceremony for Sixth batch of College of Nursing



Mock drills on Fire safety in Hospital & Community organised on 7th September, 2018 in association with Odisha Fire & Disaster Response Academy (OFDRA) at College of Nursing



Rural health camp was organized at Kujimahal U.P. School by College of Nursing in association with CM FM Dept



World health day observed by College of Nursing



Annual Sports activities organized by College of Nursing



OBSTETRICS
&
GYNECOLOGY

OBSTETRICS & GYNECOLOGY

FACULTY

Dr Saubhagya Kumar Jena	Additional Professor & Head
Dr Sweta Singh	Associate Professor
Dr Shashi Shankar Behera	Associate Professor
Dr Pruthwiraj Sethi	Assistant Professor
Dr Subarna Mitra	Assistant Professor
Dr Jasmina Begum	Assistant Professor

HIGHLIGHTS

The faculty members and residents of the department are actively involved in patient care, teaching and training, research and administrative activities. The department provides outpatient services, inpatient services, labour and delivery services and obstetric and gynecological procedures. The department also caters to the health problems of women with high-risk pregnancy and infertile couples through special clinics for them on every Monday and Thursday, respectively, from 2pm to 4pm. 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. The department has also contributed actively in the OPD services at the AIIMS Satellite Centre at Balasore. Faculty members have also participated in different public awareness programs held by AIIMS, Bhubaneswar such as world diabetes, thyroid, tuberculosis & AIDS day etc. Two new PCPNDT registered ultrasounds machines were installed – one in gynecology OPD and one in labour room - for strengthening provision of imaging services to needy patients.

The faculty and senior residents of the department participated as resource person in the WISSEN, the 2nd National Under Graduate Workshop held in AIIMS, Bhubaneswar from 19th August to 21st August 2018. The Obstetrics and Neonatology ward was inaugurated on 23rd September 2018 by our esteemed Director, Prof. Gitanjali Batmanabane. Four senior residents attended the 1st workshop on Augmentation of Teaching skills for Senior Residents conducted on 30th November and 1st December 2018. Several faculty members, senior and junior residents attended the International Ovarian Tumor Analysis Certification Program held in Bengaluru and Bhubaneswar in January and March 2019, respectively and successfully cleared the examination. The department organized a sensitization program "Many birth defects – One voice" under the aegis of Stillbirths and Birth Defects Surveillance Cell, AIIMS, Bhubaneswar on 12th March 2019. The department actively participated in organization and conduct of the 1st convocation ceremony of the institute held in August 2018 as well as in the National Seminar on Patient Safety and Quality held in December 2018.

Two postgraduate students got admitted in July 2018 session and three in January 2019 session.

The faculty members, senior and junior residents attended several conferences and workshops and presented various scientific papers. Faculty and residents brought laurels to the institute by winning in different quiz competitions and paper presentations. Dr. Sweta Singh, Associate Professor, won the Dr. Jagadeshwari Mishra Memorial Prize for best e-poster entitled "Disorders of sex development – Optimizing reproductive health" in 62nd ACOG conference held at Bengaluru in January 2019. Our postgraduate student, Dr Supriya Kumari won a series of quiz competitions in different national and regional academic events such as 1st prize in quiz on 2nd trimester ultrasound in annual meet of ISOPARB held at Bhubaneswar in September 2018, 1st prize in quiz on gynaecological oncology at 1st National Conference of Society of Vaginal Surgeons of India and 42nd Annual Conference of AOGO held in June 2018, 2nd prize in FOGSI Usha Krishna quiz in East Zone Yuva FOGSI held at Gangtok in November 2018. She also secured 1st rank in long case and obstetrics viva in the PG academics programme FOGSI FORCE organized in August 2018.

EDUCATION

Undergraduate:

The faculty members took theory classes for MBBS students as per curriculum and schedule. A total of 27, 13 and 16 lectures were taken for 2015, 2016 and 2017 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 76, 65, 61 and 67 classes for 2014, 2015, 2016 and 2017 MBBS batches, respectively. Periodic assessment was done at the end of clinical posting, end of semester and final summative examination. The 2nd batch of interns completed their internship in December 2018 and 3rd batch of interns started their internship from January 2019.

Postgraduate:

Departmental seminars were held thrice a week encompassing case presentation, guidelines discussion, topic presentation and journal club by PG students, totalling 128 seminars. Faculty members also took classes and conducted panel discussions as per schedule. Theory and clinical examination were held every 6 months for the PG students. Faculty from pathology department were involved for discussion of a case of hydrops fetalis.

Nursing:

Twenty (20) lecture classes were taken for M. Sc Nursing students by faculty and senior residents.

Other departmental academic activities:

Clinical grand rounds were conducted monthly. Additionally, perinatal review in collaboration with department of Neonatology and Pediatrics, audit of caesarean sections & presentation of departmental statistics and morbidity and mortality were held monthly. The department also participated in the interdepartmental seminars held every Friday from 4pm to 5pm and presented topics as per schedule.

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

Dr Saubhagya Kumar Jena

1. Participated as faculty in the CME on Recent Update in Gyne-Oncology at AIIMS Jodhpur on 15th April 2018, was a panellist in the panel discussion on fertility preservation in gynaecologic and breast cancers.
2. Delivered a public lecture at the AIIMS Bhubaneswar OPD foyer on 25th May 2018 on Thyroid disorder and its effect on mother and child on world thyroid day.
3. Conducted a technical session on “Newer Contraceptive in India” in the workshop for NGOs on 29th May 2018 at Hotel Excellency Bhubaneswar.
4. Participated in the Hysteroscopy Workshop at Hotel Raddison Kolkata on 2nd & 3rd June 2018.
5. Participated in the CME on Antenatal Care organised by BOGS at HHI Bhubaneswar on 12th June 2019.
6. Participated as faculty in the 1st National Conference of Society of Vaginal Surgeons of India (SOVSI) and the 42nd Annual Conference of Association of Obstetricians and Gynaecologists of Odisha (AOGO) at Hotel Mayfair, Bhubaneswar from 15th –17th June 2018.
7. Participated in the Workshop on Radical Hysterectomy in Sparsh hospital Bhubaneswar on 30th June 2018.
8. Participated as faculty in the CME on PC & PNDDT act organised by the department of Forensic Medicine & Toxicology at AIIMS Bhubaneswar on 8th July 2018, presented a topic titled Reality correlation and scenario handling – in Obstetrics & Gynaecological practice.
9. Participated in the First Sensitisation cum Training Programme on 12th July 2018 under the aegis of the Stillbirths and Birth Defects Surveillance Cell of AIIMS Bhubaneswar.
10. Participated as delegate in the 1st International Robotic and Gynaec Conference & Workshop (GYNE-ROBOMET 2018) at GEM Hospital Coimbatore on 27th & 28th July 2018.
11. Participated as faculty in the FOGSI Force Silk City Odisha 2018 Postgraduate Academics Programme in MKCG Medical College Berhampur Odisha on 4th & 5th August 2018.
12. Participated in the CME on Meliodosis, a Neglected Tropical Disease: Optimal Approach to Clinical & Laboratory diagnosis at AIIMS Bhubaneswar on 11th August 2018.
13. Participated in the Delhi Gynaecological Endoscopists Society (DGES) and European Society for Gynaecological Endoscopy (ESGE) Conference & Workshop at hotel Le Meridien, New Delhi from 17th to 19th August 2019 and
14. Participated as faculty in the “National Annual Workshop Event-WISSEN 2018” at AIIMS Bhubaneswar on 21st August 2018 for Obstetrics and Gynaecology with workshop skill stations

- on mechanism and conduct of normal delivery, conduct of breech delivery, CTG (Cardiotocogram) and Partogram.
15. Participated in the programme for Inculcating the Culture of Scientific Enquire & Pursuit (PICSEP) organised by AOGO under the aegis of FOGSI at IMA house Cuttack on 25th August 2018 and delivered an invited talk on the topic titled "Scientific misdeeds and misconduct Brief Overview".
 16. Participated as faculty in the annual meet of Indian Society of Perinatology and Reproductive Biology (ISOPARB) 2018 at IMS & SUM hospital Bhubaneswar on 15th September 2018.
 17. Participated as faculty in the CME on Recent advances in Obstetrics, Gynaecology & Infertility organised by FOGSI Endocrinology Committee at HHI Bhubaneswar on 16th September 2019.
 18. Participated in the Medical Workshop on Endometriosis organised by Endometriosis Society India and Bhubaneswar Obstetrics and Gynaecology Society on 23rd September 2018 at Hotel Sishmo, Bhubaneswar. Delivered an invited lecture on the topic titled "Deep infiltrating endometriosis – Can USG predict preoperatively?"
 19. Participated as faculty in the CME on Pragmatic Approach in Managing Fertility at Hotel Mayfair Lagoon & Convention on 28th September 2018.
 20. Participated in the 27th Annual Congress of European Society of Gynaecological Endoscopy (ESGE) at Vienna, Austria from 7th to 10th October 2018.
 21. Participated as invited faculty in the FOGSI-ICOG 2018 national conference on principles, protocols & practices in Obstetrics & Gynaecology at HICC, Hyderabad from 16th to 18th November 2018. Delivered expert comment on Management of Endometriosis in Infertility, Anemia in Pregnancy, Reversible Contraception & Viral infections in Pregnancy.
 22. Attended the "National Seminar on Patient Safety and Quality" as a delegate, organised by the Department of Hospital Administration and ABQC, AIIMS Bhubaneswar on 08.12.2018.
 23. Delivered a public lecture at the AIIMS Bhubaneswar OPD foyer on 1st December 2018 on the topic "HIV in Pregnancy" on World AIDS Day.
 24. Participated the "National Seminar on Patient Safety and Quality" as a delegate, organised by the Department of Hospital Administration and ABQC, AIIMS Bhubaneswar on 8th December 2018.
 25. Participated as faculty in the 5th Society of Midwives of India (SOMI) state level conference – Odisha Chapter at AIIMS Bhubaneswar on 12th December 2018 and delivered an invited lecture on "Emergency management in Obstetrics".
 26. Participated in the 62nd All India Congress of Obstetrics and Gynaecology (AICOG 2019) from 8th to 12th January 2019 at Bangalore. Panellist in the panel discussion on "Primary ovarian insufficiency".
 27. Participated in the Workshop on Writing & Structuring a Manuscript to Impress SCI Journal Editors at AIIMS Bhubaneswar on 21st January 2019.

28. Participated in the International Conference ENDO DUBAI 2019 at Dubai, UAE from 21st to 23rd February 2019. Presented a paper titled "Methemoglobinemia: When urine turns blue, think there is a clue".
29. Participated as faculty in the CME on PC & PNDDT act organised by the department of Forensic Medicine & Toxicology at AIIMS Bhubaneswar on 26th February 2019 and presented a topic titled Reality correlation and scenario handling – in Obstetrics & Gynaecological practice.
30. Participated as faculty in the CME 'Many Birth Defects, One Voice' on 5th World Birth Defects Day on 12th March 2019 under the aegis of the Stillbirths and Birth Defects Surveillance Cell of AIIMS Bhubaneswar. Presented a topic titled Introduction to World Birth Defects Day and Stillbirths & Birth Defects Surveillance.
31. Participated as invited faculty in the International Congress on Endometriosis (ICE 2019) organised by endometriosis society India endorsed by World endometriosis society & supported by Jaipur Obstetrics & Gynaecological society from 8th to 10th March 2019 at B M Birla auditorium and Soni hospital, Jaipur, India. Presented a topic titled "Newer drugs in Fibroid – Where do we stand?".
32. Participated in the first quarter meet of Indian Society of Perinatology and Reproductive Biology (ISOPARB) Bhubaneswar chapter 2019 at IMS & SUM hospital Bhubaneswar on 16th March 2019.
33. Participated in the CME on Wound Care on 23rd March 2019 as faculty chairperson, organised by the Department of General Surgery at AIIMS Bhubaneswar.

Dr Sweta Singh

1. Attended the "National Annual Workshop Event-WISSEN 2018" at AIIMS Bhubaneswar from 19th to 21st August, 2018 for Obstetrics and Gynaecology Workshop as faculty and faculty co-ordinator from the department of Obstetrics and Gynaecology, with workshop skill stations on mechanism and conduct of normal delivery, Conduct of breech delivery, CTG (Cardiotocogram) and Partogram.
2. Organised the CME 'Many Birth Defects, One Voice' on 5th World Birth Defects Day on 12.03.2019 under the aegis of the Stillbirths and Birth Defects Surveillance Cell of AIIMS Bhubaneswar.
3. Organised the First Sensitisation cum Training Programme on 12.07.2018 under the aegis of the Stillbirths and Birth Defects Surveillance Cell of AIIMS Bhubaneswar.
4. Panellist on the topic "Rarer endometrial tumours at the Regional Educational Conference "An update on GTD and Gynaecological Oncology", organised by AGOI and ISSTD at The Leela Raviz, Kovalam, Trivandrum from 15th-17th March 2019.
5. Delivered a lecture on 2nd January 2019 on the topic "Safe practices: Universal precautions, blood transfusion practices "during the Internship Orientation Programme organised by the MEU at AIIMS Bhubaneswar on 1st and 2nd January 2019.

6. Panelist at the CME on O&G Doppler, organised by the Odisha Sonologist Association (OSA) in association with SFM (Odisha Chapter) at Hotel Sandy's Tower, Bhubaneswar on 28.10.2018 on the topic "Doppler and Risk Assessment in 1st, 2nd and 3rd Trimester".
7. Resource person for TOT session on Vector borne diseases for medical officers of state, organised by NVBDCP (National Vector Borne Disease Control Program), Government of Odisha. Took sessions for 11 batches on "Management of Malaria and Dengue in pregnancy" on 28.05.2018, 30.05.2018, 07.06.2018, 11.06.2018, 12.06.2018, 25.06.2018, 27.06.2018, 13.08.2018, 14.08.2018, 20.08.2018 and 21.08.2018, as per office orders AIIMS/BBSR/Admin/PF/48/1315 dated 07.06.2018, 08.08.2018.
8. Delivered an invited lecture on the topic "Diagnosis and Management of Placenta Accreta Spectrum" at Hotel Harjit Residency, Sambalpur on 15.12.2018 during the ISOPARB quarterly CME organised by the ISOPARB Burla/Sambalpur chapter on the theme of Fetal Medicine.
9. Judge during the free paper presentation on 16th June 2018 at the 1st National Conference of Society of Vaginal Surgeons of India (SOVSI) and the 42nd Annual Conference of Association of Obstetricians and Gynaecologists of Odisha (AOGO), held at Hotel Mayfair, Bhubaneswar from 15th –17th June 2018.
10. Invited faculty at the "Travelling Seminar" on Ovulation Induction, Luteal support and IUI, conducted by Indian Society of Assisted Reproduction (ISAR) and Association of Obstetricians and Gynaecologists of Odisha (AOGO) at Pramod Convention, Cuttack on 15th September 2018. Delivered an invited lecture on "Evaluation and Investigations prior to ovulation Induction."
11. Panellist on the topic "Vaccination in pregnancy" on 19th September 2018 at Hotel New Marrion, Bhubaneswar from 1:00-4: 00PM. This was a part of the 'PROMISE' initiative of FOGSI (Federation of Obstetricians and Gynaecologists of India).
12. Delivered a public lecture at the AIIMS Bhubaneswar OPD foyer on 05.03.2019 on the topic "Prevention of Birth Defects" on the occasion of the 5th World Birth Defects Day.
13. Delivered a public lecture at the AIIMS Bhubaneswar OPD foyer on 04.02.2019 on the topic "Cancer cervix and Breast: Prevention" on World Cancer Day.
14. Presented a scientific poster titled "Disorders of Sex Development (DSD): Optimizing Reproductive Health" during ACOG 2019- the 62nd All India Congress of Obstetrics and Gynaecology held from 09.01.2019 to 12.01.2019 at Bangalore. This paper won the Dr (Mrs.) Jagdishwari Mishra Award for the best poster on the official theme of the congress and carries a cash prize of Rs 2000.00 and a certificate of merit.
15. Presented an e-poster titled "Chronic ectopic pregnancy: Imaging and clinical correlates" at the 28th World Congress on Ultrasound in O&G, organised by International Society of Ultrasound in Obstetrics and Gynaecology (ISUOG) at Singapore from 21st to 24th October 2018.
16. Attended the CME on Wound Care on 23.03.2019 as faculty chairperson, organised by the Department of General Surgery at AIIMS Bhubaneswar.

17. Chairperson for seminar on "Amino acids in clinical practice" organised by Bhubaneswar Obstetrics and Gynaecological Society on 16.01.2019 at Hotel Mayfair, Bhubaneswar.
18. Attended the "National Seminar on Patient Safety and Quality" as a delegate, organised by the Department of Hospital Administration and ABQC, AIIMS Bhubaneswar on 08.12.2018.
19. Attended the "Sensitisation Workshop on Mentorship" as a delegate, organised by the Mentoring Team of AIIMS Bhubaneswar on 02.03.2019.
20. Attended the Medical Workshop on Endometriosis organised by Endometriosis Society India and Bhubaneswar Obstetrics and Gynaecology Society on 23.09.2018 at Hotel Sishmo, Bhubaneswar.

Dr Shashi Shankar Behera

1. Attended the 62nd All India Congress of Obstetrics and Gynaecology held from 09.01.2019 to 12.01.2019 at Bangalore.

Dr Pruthwiraj Sethi

1. Participated in the workshop on systematic reviews and meta-analysis using REV MAN from 11-3-19 to 15-3-19 at Indian Institute of Public health, New Delhi.
2. Delivered a public lecture on prevention of still birth on 05-03-2019 at AIIMS, Bhubaneswar.
3. Attended the 'National Seminar on Patient Safety and Quality' on 08-12-2018, at AIIMS, Bhubaneswar.
4. Attended the International conference FIGO world congress 2018 at Rio De Janeiro, Brazil from 14-10-18 to 19-10-18 and presented a poster on "Mature cystic teratoma of Douglas` pouch: a rare entity".
5. Delivered a public awareness lecture on "anemia and pregnancy" for "Anemia Mukta Bharat " on 27-09-18 at AIIMS, Bhubaneswar.
6. Participated as faculty in workshop on endometriosis as panellist on 23-09-18 at Bhubaneswar.
7. Participated as faculty in 'National Annual Workshop WISSEN 2018' from 19-08-2018 to 21-08-2018 at AIIMS, Bhubaneswar and covered the session on normal labour.

Dr. Subarna Mitra

1. Attended a workshop on Effective Medical Literature Search on 27th April, 2019 at AIIMS, Bhubaneswar
2. Attended 62nd Association of Minimal Access Surgeons of India (AMSAI) Skill Course from 11th to 13th April at AIIMS, Bhubaneswar
3. Attended the International Ovarian Tumor Analysis (IOTA) Certification Programme on 24th March, 2019 at Bhubaneswar

4. Attended a CME on "Wound Care" on 23rd March, 2019 at AIIMS, Bhubaneswar
5. Participated as panelist in a panel discussion on postpartum haemorrhage in the 1st quarter meet of Bhubaneswar chapter of Indian Society Of Perinatology And Reproductive Biology on 16th March, 2019 at Bhubaneswar
6. Attended the CME "Many birth defects, One voice" on 12th March, 2019 at AIIMS, Bhubaneswar.
7. Attended 24th Annual Congress of Indian Society for Assisted Reproduction (ISAR) from 1st March to 3rd March, 2019 at Mumbai and chaired a session "To give or not to give".
8. Attended the 'National Seminar on Patient Safety and Quality' on 8th December, 2018, at AIIMS, Bhubaneswar.
9. Attended a workshop on 'Principles & Practice of Clinical Research' from 13th to 14th November, 2018 at ICMR-RMRC, Bhubaneswar.
10. Attended CME on O&G Doppler on 28th October, 2018 at Bhubaneswar.
11. Attended STAR 2018 - Regional Meeting of International Society for Gynecologic Endoscopy (ISGE) in Association with Indian Association of Gynaecological Endoscopists (IAGE) from 6th to 9th September, 2018 at Pune, Maharashtra.
12. Participated as faculty in 'National Annual Workshop WISSEN 2018' from 19th to 21st August, 2018 at AIIMS, Bhubaneswar and covered the session on partograph.

Dr. Jasmina Begum

1. Attended Faculty Development Program on assessment, in AIIMS, Bhubaneswar from 29/03/19 & 30/03/2019.
2. Attended IMSCON 2019, National conference of Indian Menopause society, from 15th to 17th Feb. 2019, held in Kolkata.
3. Attended and presented a paper on "A clinicopathological evaluation of postmenopausal bleeding and its correlation with risk factors for developing endometrial hyperplasia and cancer: a prospective study".
4. Obtained IOTA certification from The IOTA Steering Committee on 24.03.2019.
5. Attended the CME, on Many birth defects, one voice on 12th March 2019, AIIMS, Bhubaneswar.
6. Attended the CME on Wound care Programme, 23.03.19, AIIMS, Bhubaneswar.
7. Attended the CME, on update on PPH, by ISOPARB, Chapter Bhubaneswar, on 16.3.19 as resource person.
8. Attended the CME on Aneuploidy screening in Obstetrics, by ISOPARB chapter Bhubaneswar, on 15.09.2018. Attended as panellist, resource person and moderator in quiz competition.

9. Workshop on Obstetrics and Gynaecology, as resource person, on 19.03.19 & 20.03.19, Wissen 2018, AIIMS, Bhubaneswar.
10. Attended the CME on O&G Doppler, by Odisha Sonologist Association with SFM, Odisha chapter, on 28.10.2018. Attended the CME and participated in a panel discussion on Doppler in First trimester Pregnancy.
11. Attended National Seminar on Patient Safety and Quality on 8.12.2018, AIIMS, Bhubaneswar.

Postgraduate Students

Dr Supriya Kumari

1. Participated in FOGSI FORCE SILK CITY ODISHA 2018 'PG academics programme' on 4th and 5th August 2018. Won the 1st prize in long case gynae competition. Won the 1st prize in obstetrics viva.
2. Attended the annual meet of ISOPARB 2018 at IMS and SUM hospital on 15th September 2018. Won the first prize in quiz competition on second trimester USG.
3. Attended the 1st national conference of society of vaginal surgeons of India and 42nd annual conference of AOGO held on 15th to 17th June 2018. Won the 1st prize in quiz competition on Gynae Oncology. Presented a paper in this conference.
4. Participated in EAST ZONE YUVA FOGSI 2018 held at Gangtok on 22nd to 24th November 2018. Won 2nd prize in FOGSI USHA KRISHNA QUIZ held on 24th November 2018. Presented a poster on a case of LGFMS.

RESEARCH

Funded Projects:

Ongoing:

1. Title of the project. Epidemiology of Infertility in a Rural Area of Odisha and Need for Simplified Management Approach
Name of the principal investigator: Dr Saubhagya Kumar Jena
Funding agency: ICMR; Duration, start year: 2yrs, 2016; Funds: Rs. 29,73,239/-
IEC approval number: T/EM-F/O & G/13/09
2. Title of the project.: "Clinical and neuro-imaging correlates in hypertensive disorders of pregnancy"
Name of the principal investigator: Dr Sweta Singh
Funding agency: AIIMS Bhubaneswar, Duration, start year: 1 year, 2017-18; Funds: Rs. One lakh
IEC approval number: IEC No-T/IM-F/17-18/32 dated September 6th, 2017.

3. Title of the project - Association between anti-Mullerian hormone levels and metabolic syndrome in women with polycystic ovary syndrome.

Dr Subarna Mitra

Funding agency: AIIMS, Bhubaneswar, Duration: 1 year, Start year: 2019, Funds: Rs. 2,61,080/-

IEC approval number: T/IM-F/18-19/30 dated 06/12/18

4. Title of the project: Association of novel hepatokine fetuin B and pregnancy outcome in intrahepatic cholestasis of Pregnancy

Name of the principal investigator: Dr. Jasmina Begum

Funding agency: AIIMS Bhubaneswar, Duration, 1year, start year: 2019, Funds: Rs. 2,06, 853

IEC approval number: T/IM-F/18-19/36

Collaborative projects:

Ongoing: One

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 AIIMS Bhubaneswar, Prof. Asima Pradhan, Department of Physics and Center for lasers and photonics (CELP), IIT Kanpur, and Bharat Lal Meena, Research Scholar, Department of Physics and Center for lasers and photonics (CELP) , IIT Kanpur and Assistant Professor, Department of Physics, University of Rajasthan, Jaipur, Rajasthan.

Start year: 2018-19 as per IEC letter no. T/EM-F/O&G/17/29 dated 19.03.2018

Completed:

1. Title of the project: Comparison of the efficacy of metronidazole alone versus metronidazole with probiotics for the treatment of symptomatic bacterial vaginosis: A prospective randomised study"

Funding agency: Nil, Duration: 1 year, Start year: 2016

IEC letter T/IM-NF/O&G/16/06 dated 12.05.2016.

Departmental projects

Ongoing & Completed:

1. Title of the project: Effect of Vitamin D Supplementation among women with low levels of vitamin D in Gestational Diabetes Mellitus.

Name of the funding agency: Nil

Duration start year: 2 years, 2017

Funds: Total cost: Not applicable

IEC approval No: IEC/AIIMS BBSR/PG Thesis/2017-18/19 dated 29.07.2017

2. Title of the project: Association of Anti-thyroid peroxidase antibody levels and adverse obstetric outcome in antenatal women with euthyroid profile.
Name of the funding agency: Nil
Duration start year: 2 years, 2017
Funds: Total cost: Not applicable
IEC approval No: IEC/AIIMS BBSR/PG Thesis/2017-18/15 dated 27.07.2017.
3. Title of the project: Alteration of serum anti-mullerian hormone level after laparoscopic ovarian cystectomy in endometrioma and benign cyst: a prospective comparative study.
Name of the funding agency: Nil
Duration start year: 2 years, 2018
Funds: Total cost: Not applicable
IEC approval No: IEC/AIIMS BBSR/PG Thesis/2017-18/128 dated 03.01.2018.
4. Title of the project: Cerebroplacental ratio versus Non stress test in Predicting Adverse Perinatal Outcome in Hypertensive Disorders of Pregnancy.
Name of the funding agency: Nil
Duration start year: 2 years, 2017
Funds: Total cost: Not applicable
IEC approval No: IEC/AIIMS BBSR/PG Thesis/2017-18/27 dated 20.11.2017.
5. Title of the project: Routine third trimester ultrasonography in predicting adverse perinatal outcome.
Name of the funding agency: Nil
Duration start year: 2 years, 2018
Funds: Total cost: Not applicable
IEC approval No: IEC/AIIMS BBSR/PG Thesis/2018-19/36 dated 14.12.2018.
6. Title of the project: Obstetric outcomes in medical nutrition therapy treated vs insulin treated women with GDM: a cohort study.
Name of the funding agency: Nil
Duration start year: 2 years, 2018
Funds: Total cost: Not applicable
IEC approval No: IEC/AIIMS BBSR/PG Thesis/2018-19/24 dated 06.07.2018.
7. Title of the project: Sonological and Histopathological Correlation of Adenexal masses: A Prospective Observational Study.
Name of the funding agency: Nil
Duration start year: 2 years, 2019

Funds: Total cost: Not applicable

IEC approval No: IEC/AIIMS BBSR/PG Thesis/2018-19/50 dated 22-01-19.

PUBLICATIONS

1. Mallick A, Jena S K, Kuanar D. Bilateral ovarian serous cystadenocarcinoma metastasizing to cervix: a rare case report. *Int J Reprod Contracept Obstet Gynecol.* 2018 Nov;7(11):4789-4793.
2. Swain D, Parida S P, Jena S K, Das M, Das H. Obstetric Fistula: A Challenge to Public Health. *Indian Journal of Public Health.* 2019; 63(1): 73-8. PMID: 30880741.
3. Singh S, Patnaik A, Sahu RN, Jena SS, Mohakud S, Purkait S. Rare case of meningeal tuberculoma mimicking meningioma in term pregnancy and its management. *SurgNeurol Int.* 2018 Sep 3; 9:178. doi: 10.4103/sni.sni_271_17. PubMed PMID: 30221023; PubMed Central PMCID: PMC6130152.

PATIENT CARE / HOSPITAL SERVICES (FROM 1ST APRIL 2018 TO 31ST MARCH 2019)

Total number of patients seen in OPD: 40,035 (New: 12,278, Old: 25,235 & Referral: 2,519)

1. Obstetrics – 6,148
2. Gynaecology- 33,887

Total number of patients seen in Special Clinics:

1. Infertility – 1,250
2. High Risk Pregnancy- 1,189

Total number of Ultrasonography done in the department: 5,152

1. Obstetrics – 2,852
2. Gynaecology – 2,078
3. Labour room - 222

Total number of Colposcopy done in the department: 66

Total number of Intrauterine Devices Inserted: 98 (LNG IUS -65)

Total number of Cryosurgery done in the department: 07

Total number of patients admitted in IPD: 2,825

1. Obstetrics – 1,558 (General ward: 1,384 and Private ward: 174)
2. Gynaecology- 1,267 (General ward: 1,181 and Private ward: 86)

Total number of Surgeries performed in Operation Theatre: 1, 741

1. Major Surgeries - 922

(Surgeries like vaginal hysterectomy with pelvic floor repair for pelvic organ prolapse, non-descent vaginal hysterectomy, total abdominal hysterectomy with bilateral salpingo-oophorectomy for ovarian tumour, exploratory laparotomy, myomectomy for fibroid uterus and unilateral salpingo-oophorectomy for large ovarian cyst, Wertheim's hysterectomy, LSCS etc)

2. Minor Surgeries – 657

(Surgeries like fractional curettage, LEEP, biopsy cervix, dilatation and curettage, examination under anaesthesia, endometrial biopsy, polypectomy and evacuation for incomplete abortion, cervical encercalage etc)

3. Laparoscopic Surgeries – 162

(Surgeries like diagnostic laparoscopy, DHL, operative hysteroscopic procedures, laparoscopic ovarian cystectomy, TLH, LAVH, laparoscopic endometriosis surgery, sacrospinous fixation, laparoscopic radical hysterectomy etc)

Total number of Deliveries: 916

1. LSCS - 616

2. Vaginal Delivery- 298

- Live Births – 912

- Still Births -23

AWARDS, HONORS & SIGNIFICANT EVENTS

Dr Saubhagya Kumar Jena

1. Chairman of Hostel committee, AIIMS Bhubaneswar.
2. Member of European Society of Gynaecological Endoscopy (ESGE). Member number: M-08237.
3. Successfully completed the Winners Project quizzes of the Bachelor level (Winners member ID 517171) on 23rd June 2018 conducted by the European academy of Gynaecological Surgery.
4. Participated in the "NIROG" free Mega health camp on 24th March 2019 organised by AIIMS Bhubaneswar.

Dr Sweta Singh

1. Awarded the Dr (Mrs.) Jagdish Wari Mishra Award for the best poster on the official theme of the congress during the 62nd All India Congress of Obstetrics and Gynaecology (AICOG 2019) held from 09.01.2019 to 12.01.2019 at Bangalore. Title of presentation was "Disorders of Sex Development (DSD): Optimizing Reproductive Health". The award carries a cash prize of Rs 2000.00 and a certificate of merit.

2. Awarded Trialect short term fellowship on “High Risk Pregnancy and one-stop Gynaecology” for a period of two weeks from 18.07.2018 to 01.08.2018 at King’s College Hospital, London as per office order AIIMS/ BBSR/ Admin/ PF/ 48/ 1161 dated 30.05.2018.
3. Awarded the International Society of Ultrasound in Obstetrics and Gynaecology (ISUOG)’s ‘Certificate of first trimester’ at the 28th World congress on Ultrasound in Obstetrics and Gynecology, held at Singapore from 20-24th October 2018.
4. Awarded the Fellowship of the Indian College of Obstetrics and Gynaecology (FICOG) at the 62nd All India Congress of Obstetrics and Gynaecology (AICOG 2019) held from 09.01.2019 to 12.01.2019 at Bangalore.
5. Nodal Officer for Stillbirths surveillance conducted by the Ministry of Health and Family Welfare, Government of India, in collaboration with World Health Organisation (WHO) w.e.f. July 2017 vide letter no. AIIMS/BBSR/ADMIN/PF/11/1613 dated 07.07.2017.
 - a. Nodal Officer of Birth Defects Surveillance Cell of AIIMS Bhubaneswar w.e.f. 9th February 2018 as per office order AIIMS/BBS/Dean Faculty/9023 dated 9th February 2018.

Dr Shashi Shankar Behera

1. Awarded the Fellowship of the Indian College of Obstetrics and Gynaecology (FICOG) at the 62nd All India Congress of Obstetrics and Gynaecology (AICOG 2019) held from 09.01.2019 to 12.01.2019 at Bangalore.

Dr. Subarna Mitra

1. Passed the fellowship in minimal access surgery (FMAS) examination held on 11th-13th April 2019 at AIIMS, Bhubaneswar.
2. Passed the International Ovarian Tumor Analysis (IOTA) exam held on 24th March 2019 at Bhubaneswar.



OPHTHALMOLOGY

OPHTHALMOLOGY

FACULTY

Dr. Sucheta Parija	Additional Professor
Dr. Bhagabat Nayak	Assistant Professor
Dr. Sandip Sahu	Assistant Professor

HIGHLIGHTS:

The department of Ophthalmology is presently involved in patient care in form of outpatient services, ophthalmic surgeries and inpatient services. Department is also involved in screening of retinopathy of prematurity (ROP) in neonatal ICU. Department was involved in glaucoma awareness programme in world glaucoma week at satellite centre, Balasore in collaboration with ITR, DRDO, Chandipur, Balasore in March 2019. Anterior segment laser (Nd:YAG) and Humphrey visual field machine has been installed in the current year for better patient care. Department has organised national level CME cum Workshop "PHACO SUMMIT 2019" in March 2019 with presence of eminent national speaker on this subject for first time. Department has started the community ophthalmology programme in collaboration with AIIMS community health centre at Tangi, Khurda under National Programme for Control of Blindness (NPCB). Department of Ophthalmology also involved in clinical research and teaching post graduate (PGs), undergraduate (MBBS) and BSc Nursing students. Department is currently part of two intramural research projects.

Department of Ophthalmology conducted a Seminar on "Dry Eyes and its Management" on 2nd week July 2018. It also celebrated the World Sight Day on 11th October 2018 by conducting seminar and awareness program for the students and patients. It was involved in glaucoma (one of the major cause of irreversible blindness) screening of the community people at satellite centre, Balasore on 16.3. 2019 in the eve of World glaucoma awareness week. We also successfully organized for first time a National level CME cum Workshop PHACO SUMMIT-2019 on "Cataract and Refractive surgery" on 31.3.2019 on the occasion of celebrating five-year completion of department of Ophthalmology in AIIMS Bhubaneswar.

EDUCATION

Department is involved in teaching of PGs, MBBS, BSc nursing students. All theory and clinical ward teaching classes are conducted as per the schedule. Clinical ward round by faculties and evening ward teaching of PGs by senior residents (SRs) held regularly. Further, 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 department for better academic atmosphere among PGs, SRs and interns. Surgical teaching of PGs is done through assisting the PGs step by step by faculties and SRs.

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

Dr. Sucheta Parija

1. Dr. Sucheta Parija was invited as a Guest Speaker to deliver her talk on “Safe Cortical Wash during Phacoemulsification” at the West Bengal Ophthalmological Society Platinum Jubilee celebrations on 14-15th July 2018 at Kolkota.
2. Dr Sucheta Parija was invited as a Speaker to deliver a video presentation on “Soft Cataracts-Management” at AIOS-ARC program organised under the Odisha state ophthalmological society on 12.8.18 at Bhubaneswar
3. Dr. Sucheta Parija presented a paper –poster presentation “Comparison of toric Vs monofocal IOL in patients with cataract and astigmatism” at ESCRS 2018 at Vienna, Austria held on September 2019.
4. Dr.Sucheta Parija presented a paper on “Visual outcome on pituitary adenoma following transsphenoidal surgery” at All India Ophthalmological Conference held at Indore in February 2019.
5. Dr.Sucheta Parija was invited as a Speaker to present on the topic –“My Journey as a Cataract Surgeon-Phaco development-Basics to Advance “at the CME on Cataract and Live Surgery Summit by Trilochan Eye Hospital, Sambalpur on 10.3.2019.

Dr Bhagabat Nayak

1. Attended the CME on “Cataract and Glaucoma” organised by Odisha state ophthalmological Society in association with All India Ophthalmological Society under Academic research programme on 12th August 2018 at Bhubaneswar and delivered talk on “Neovascular glaucoma”.
2. Dr Bhagabat Nayak also attended the “Wisdom Tree”, the National Conclave of Postgraduate teachers in Ophthalmology, at Hyderabad on 27th January,2019.

Dr. Sandip kumar Sahu

1. Attended “ACOIN DIGHA-18 (9th Annual conference of ACOIN & International Assembly of Community Ophthalmology” from 31.08.2018 to 02.09.2018, at Digha, West Bengal and Presented a paper Title: “Basics of ROP Screening”.

RESEARCH

Funded Projects:

Ongoing:

1. Title of the project: A Study of clinical and laboratory markers to describe the outcome of prematurity with respect to development of Retinopathy of Prematurity in preterm and/or low birth weight newborns at AIIMS, Bhubaneswar.”

Name of the principal investigator: Dr Sandip Kumar Sahu

Funding agency: AIIMS Bhubaneswar intramural project

Duration: 2 years

start year: 2018

Funds: Rs. 50,000

IEC approval number: IMF/20/2018.

Departmental:

Ongoing :

1. Title of the project.: Study of Refractive Changes And Ocular Biometrics In Preterm And Term Infants.

Name of the principal investigator : Dr. Ravi Kumar/Dr.Sucheta Parija

Funding agency: AIIMS Bhubaneswar post graduate thesis project

Duration :2 years

start year: 2018

Funds: Rs.Nil

IEC approval number: IEC/AIIMS BBSR/PG Thesis/2018-19/29

2. Title of the project: Study Of Ganglion Cell Complex And Retinal Nerve Fibre Layer In Perichiasmatic Brain Tumor Patients: A Prospective Observational Study.

Name of the principal investigator : Dr. Koyel Chakraborty /Dr. Sucheta Parija

Funding agency: AIIMS Bhubaneswar post graduate thesis project

Duration :2 years

start year: 2018

Funds: Rs.Nil

IEC approval number: IEC/AIIMS BBSR/PG Thesis/2018-19/30

PUBLICATIONS:

1. Parija S, Lalitha CS, Naik S. Weber syndrome secondary to brain stem tuberculoma. Indian J Ophthalmol. 2018 Jul;66(7):1036-103. PMID: 29941767.
2. Parija S, Mahajan P. Response to: Paediatric ophthalmology training in India. Indian J Ophthalmol. 2018 Mar; 66(3):480. PMID: 29480279.
3. Verma G, Nayak L, Banerjee A, Nayak B. Premacular haemorrhage in a child with Evans syndrome. BMJ Case Rep. 2019 Mar 20;12(3). PMID: 30898948.

PATIENT CARE / HOSPITAL SERVICES:

Department has currently conducting speciality clinic as Glaucoma clinic, Paediatric ophthalmology clinic, Diabetic screening clinic and ROP screening activity. Cataract surgery in paediatric patients coming through community ophthalmology is conducted under Rashtriya Bal Swasthya karyakarm (RBSK). Intravitral injections given for diabetic macular oedema.

VISITING SCIENTISTS:

1. Dr. Jota B Jonas, From Karls University, Heidelberg, Germany has delivered lecture on "Epidemiology and mechanism of myopia and process of emmetropization" on 22/11/2018 at seminar room, department of Ophthalmology.
2. Dr. Debashish Das from Narayan Nethralaya, Bangalore, India has delivered lecture on "Stem Cell Research in Ophthalmology" on 02/04/2019 at seminar room, department of Ophthalmology.



ORTHOPAEDICS

ORTHOPAEDICS

FACULTY

Dr.Bishnu Prasad Patro	Additional Professor and HOD
Dr.Sujit Tripathy	Associate Professor
Dr.Mantu Jain	Assistant Professor
Dr.Gurudip Das	Assistant Professor
Dr.Vinay Prabhat	Assistant Professor

HIGHLIGHTS

The department of Orthopaedics became functional in 2013. The department is presently involved in post graduate (MS), undergraduate (MBBS) and B.Sc. (Nursing) teaching and clinical research. All 5 faculty members were actively involved in teaching theory, practical and tutorial classes along with their clinical work. Post graduate teaching program in the department was started from July 2018 session and admits 4 candidates per year. Students were sensitised and encouraged to get involved in research. Presently three MD dissertations and eight other research projects are going on. The department organised two workshops and hosted the annual national conference of the pelvi-acetabular society of India(AOPAS) in March 2019. The department's outpatient department caters to an average of 8000 patients every month. The faculty offer expertise in the subspecialties of Arthroplasty, Spine surgery, Sports medicine, Orthopaedic Oncology in addition to complex trauma. Around 900 orthopedic surgeries (including major and minor) were performed in the year 2018-19. The department at present is the only centre in the state of Odisha offering scoliosis correction surgery.

EDUCATION

At present the department is involved in post graduate (MS), undergraduate (MBBS) and B.Sc. (Nursing) teaching only. All theory, practical and tutorial classes are going on according to schedule. The study curriculum of Dept. of Orthopedics, AIIMS New Delhi is followed here with special importance on hands on skills under supervision. Students were evaluated for their progress periodically in an objective manner using multiple choice questions, short answers, and clinical assessment including practical case scenarios.

CMES/WORKSHOPS/SYMPOSIA/NATIONAL AND INTERNATIONAL CONFERENCES

Dr.Bishnu Prasad Patro,

1. Attended Geriatric Ortho Conclave on 21.04.2018 at Puri. Presented paper on "Bone Quality affecting the Outcome of TKR".

2. Attended Arthroscopy Symposium organised by Odisha arthroscopy Society on 22.07 2018 at Bhubaneswar. Presented paper on "Basic Shoulder Arthroscopy".
3. Attended FOCUS AO Workshop organised by Odisha Trauma Society on 25.05.2018 at Bhubaneswar. Presented paper on "Current concept in management of Olecranon fracture" and "Humerus nailing".
4. Attended CME organised by Odisha Arthroplasty Association on 13.06.2018 at Bhubaneswar. Presented paper on "Bone defect management in primary TKR"
5. Attended OASCON on 04.11.2018 at Bhubaneswar. Presented paper on "Portal placement and basic shoulder arthroscopy".
6. Attended IOACON from 30.11.2018 to 01.12.2018 at Coimbatore. Presented paper on "Fracture reduction device".
7. Attended AIIMS Raipur PG Course on 15.12.2018 at Raipur. Presented paper on "shoulder examination".
8. Attended OOACON from 12.01.2019 to 13.01.2019 at Gopalpur. Presented paper on "Iatrogenic fracture".

Dr.Sujit Tripathy,

1. Attended AIIMS Raipur cadaveric workshop and symposium on Pelvi-acetabular injuries as a faculty on 25th August 2018. Delivered a lecture titled: "Reduction manoeuvre of posterior acetabular injuries".
2. Attended a CME on osteonecrosis of femoral head at Surat organized by South Gujarat Orthopaedic Association as a faculty on 26th August 2018. Delivered multiple lectures titled: "Sickle cell disease and AVN", "Core decompression in AVN Hip", "Miscellaneous surgical procedures in AVN Hip", "Nonvascularized bone graft and muscle pedicle graft in AVN hip", "THR in Sickle cell disease" and "When not to salvage the hip joint in AVN hip".
3. Attended a symposium and saw bone workshop on TKR organized by the Dept. of Orthopaedic at AIIMS, Rishikesh as a faculty on 6th September 2018. Delivered a lecture titled: "TKR in severe valgus deformity".
4. Attended Champions Meet, Delhi organized by Delhi Orthopaedic Association/ Stryker India as a faculty on 22nd September 2018. Delivered a lecture titled: "THR in Protrusio hip".
5. Attended a saw bone workshop conducted by the Dept. of Orthopaedics AIIMS Bhubaneswar as faculty on 29th September 2018. Delivered a lecture titled: "Radiological evaluation of distal radius fracture".
6. Attended Q1 Knee Arthroplasty course organized by Q1 Hospital, VIZAG as a faculty on October 13th & 14th 2018. Delivered two lectures titled: "Management of intraoperative MCL/LCL tear during TKA", "Extensor mechanism repair in TKA".

7. Attended Indian Orthopaedic Association Annual conference (IOACON) 2018 from 29th November to 1st December 2019 at Coimbatore. Presented a paper titled: "EACA in bilateral Total knee arthroplasty (selected for RC Lallan Gold medal paper)".
8. Attended Odisha Orthopaedic Association Annual Conference 2019 at Berhampur from 13th January to 14th January 2019.
9. Attended American Academy of Orthopaedic Surgeon (AAOS) Annual meeting at Las Vegas, USA between 12th March and 16th March 2019. Presented a paper titled: "Efficacy and safety of Epsilon Aminocaproic Acid (EACA) as an antihemorrhagic drug in simultaneous bilateral Total Knee Arthroplasty (TKA): a double blind prospective randomized controlled trial".
10. Attended International Society for Knowledge for Surgeons on Arthroscopy and Arthroplasty (ISKSAA) Global summit at Leeds, UK 2018 from 21st June to 22nd June 2018: Presented a paper titled : "Effectiveness and safety of Epsilon Aminocaproic Acid (EACA) Vs. control in minimizing blood Loss in bilateral Total Knee Arthroplasty (TKA): a double blind prospective randomized controlled trial".
11. Attended International Society for Knowledge for Surgeons on Arthroscopy and Arthroplasty (ISKSAA)-British Elbow and shoulder society Conclave 2019(ISKSAA BESS UK ELBOW & SHOULDER CONCLAVE 2019) at New Delhi between 2nd and 3rd March 2019. Presented a paper titled : "Association of Vitamin D deficiency in young osteoarthritic knee patients" (selected for ISKSAA 2019 best researcher award session)" Delivered a lecture in Research symposium session titled: "Manuscript preparation".
12. Organized and attended a CME on Dual mobile THR at AIIMS Bhubaneswar on 7th July 2018. Demonstrated two live surgeries on Dual mobile THR and delivered a lecture titled: "Is dual mobile hip, the future of hip arthroplasty? An evidence based approach".
13. Organized and attended the 3rd Annual conference of Association of Pelvi-Acetabular Surgeons (AOPAS) 2019 at Bhubaneswar from 29th march 2019 to 31st March 2019. Presented a case (by Senior Resident Dr. Sudhanshu Das) in 'My worst case scenario' session (awarded second position in AOPAS young surgeon award).

Dr. Mantu Jain, Assistant Professor

1. Attended AO scoliosis week in Kochi In April 22-29 and presented a talk "conservative management of scoliosis".
2. Attended Global Spine Congress in Singapore, May 2nd - 5th 2018 and presented paper titled" Post Operative Discitis: An institutional review".
3. Co-Organized and attended a CME on Dual mobile THR at AIIMS Bhubaneswar on 7th July 2018. and delivered a lecture titled:"Indication and preparation of THA".
4. Attended a saw bone workshop conducted by the Dept. of Orthopaedics AIIMS Bhubaneswar as faculty on 29th September 2018. Delivered a lecture titled: "Radiological evaluation of distal radius fracture".

5. Attended Kochi Microsurgery course as invited faculty in November 2018 and presented paper titled "Cauda equina syndrome".
6. Attended "BLS course" for interns October 2018 as faculty and presented paper titled "Musculoskeletal injuries in trauma patient".
7. Co-Organized and attended the 3rd Annual conference of Association of Pelvi-Acetabular Surgeons (AOPAS) 2019 at Bhubaneswar from 29th march 2019 to 31st March 2019.
8. Attended Systemic Review and Meta-analysis workshop at IIPH, Gurugram in March 2019.

Dr. Gurudip Das, Assistant Professor

1. Attended a saw bone workshop on "High Speed Drill Techniques" conducted by the Dept. of Neurosurgery, AIIMS Bhubaneswar as faculty on 7th April 2018 and presented paper titled "Tips and tricks in using high speed drill in spine surgery".
2. Attended Geriatric Ortho Conclave on 21st May 2018 at Puri and presented paper on "Osteoporotic Vertebral Compression Fractures".
3. Attended a saw bone workshop conducted by the Dept. of Orthopaedics AIIMS Bhubaneswar as faculty on 29th September 2018. Delivered a lecture titled: "Lateral and posterior approach to proximal tibial fractures".
4. Attended AO Spine advanced course on Geriatric spine disorders in Kolkata, May 12-13 2018.
5. Attended AO Spine advanced seminar in Visakhapatnam, 28th July 2018.
6. Attended "National Seminar on patient safety and quality" organised by Department of Hospital Administration, AIIMS Bhubaneswar on 8th December 2018.
7. Attended "AO Spine advanced level specimen course" on Minimally Invasive Spine Surgery(MISS) on 23rd-24th February 2019 at Bangalore.
8. Attended "Sensitisation workshop on Mentorship" at AIIMS Bhubaneswar on 2nd March 2019.
9. Attended annual conference of Indian Musculo Skeletal Oncology Society(IMSOS) at Kolkata on 8th -10th March 2019.
10. Co-Organized and attended the 3rd Annual conference of Association of Pelvi-Acetabular Surgeons (AOPAS) 2019 at Bhubaneswar from 29th march 2019 to 31st March 2019.

Dr. Vinay Prabhat, Assistant Professor

1. Attended a saw bone workshop conducted by the Dept. of Orthopaedics AIIMS Bhubaneswar as faculty on 29th September 2018. Delivered a lecture titled: " Classification of proximal tibial fractures".

RESEARCH

Funded projects.

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.

Duration, start year: 2.5 years, 2019

Funds: Rs. 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, start year: 2 years, 2019

Funds: Rs. 54,450/subject

IEC approval number: EMF/19/2018

3. Title of the project. "Histological difference of ligamentum flavum in patients with Lumbar canal stenosis and Non lumbar canal stenosis."

Name of the principal investigator: Dr. Mantu Jain

Funding agency: Intramural Grant

Duration, start year: one year, 2019

Funds: Rs. 60,000

IEC approval number: T/IM-F/18-19/43

Completed :

1. Title of the project: Association of vitamin D Deficiency and knee osteoarthritis in non-obese and non-diabetic patients

Name of the principal investigator; Dr Sujit Kumar Tripathy

Funding agency: AIIMS Bhubaneswar (Intramural)

Duration, start year: 2 years, 2016

Funds: Rs. 2 lakhs

IEC approval number: T/IM-F/Ortho/15/16

Departmental projects

Ongoing :

1. Title of the project: Arthroscopic anterior cruciate ligament reconstruction using all inside technique versus outside in technique
Name of the principal investigator: Dr Bishnu Prasad Patro
Funding agency: Non-funded
Duration, start year: 2 years, 2018
Funds: Nil
IEC approval number: IEC/AIIMS BBSR/PG Thesis/ 2018-19/38
2. Title of the project: Multi axial fracture reduction device.
Name of the principal investigator: Dr Bishnu Prasad Patro (PG thesis, Student - Dr Paulson Varghese)
Funding agency: Non-funded
Duration, start year: 2 years, 2018
Funds: Nil
IEC approval number: T/IM-NF/Ortho/18/83
3. 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)
Funding agency: Non-funded
Duration, start year: 2 years, 2019
Funds: Nil
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2018-19/43
4. Title of the project : Anterior intrapelvic rectus releasing (AIR) approach for acetabular fracture –Retrospective analysis of 12 cases.
Name of the principal investigator : Dr Mantu Jain
Funding agency: Non-funded
Duration, start year: 2 years, 2018
Funds: Nil
IEC approval number : T/IM-NF/Ortho/18/37

5. Outcome of Post operative Discitis (POD) following lumbar discectomy : a retrospective study.

Name of the principal investigator : Dr Mantu Jain

Funding agency: Non-funded

Duration, start year: 2 years, 2018

Funds: Nil

IEC approval number: T/IM-NF/Ortho/18/29

Completed :

1. Title of the project: Effectiveness and safety of Epsilon Aminocaproic Acid (EACA) Vs. control in minimizing blood Loss in bilateral Total Knee Arthroplasty (TKA): a double blind prospective randomized controlled trial

Name of the principal investigator: Dr Sujit Kumar Tripathy

Funding agency: Nonfunded

Duration, start year: 2 years, 2016

Funds: Nil

IEC approval number: T/IM-NF/Ortho/15/20

2. Title of the project : Short Term Effect of Yoga Asana Adjunct Therapy to conventional treatment in Frozen Shoulder: A Prospective Randomised Study.

Name of the principal investigator : Dr Mantu Jain

Funding agency: Non-funded

Duration, start year: 1 year , 2017

Funds: Nil

IEC approval number: T/IM-NF/Ortho/17/12

3. Title of the project : Early functional outcome of ankle for neglected Tendo-Achilles rupture using short flexor hallucis longus tendon transfer reconstruction

Name of the principal investigator : Dr Mantu Jain

Funding agency: Non-funded

Duration, start year: 1 year, 2018

Funds: Nil

IEC approval number: T/IM-NF/Ortho/17/29

4. Title of the project : Surgical management of posterior alone approach in patients with dorsolumbar Caries Spine

Name of the principal investigator : Dr Mantu Jain

Funding agency: Non-funded

Duration, start year: 1 year, 2018

Funds: Nil

IEC approval number: T/IM-NF/Ortho/17/32

PUBLICATIONS

1. Ravi PK, Tewari J, Mishra PR, Tripathy SK, Nanda SN, Gantaguru A. Variations of Extensor pollicis brevis tendon in Indian population: A cadaveric study and review of literature. *J Clin Orthop Trauma*. 2019;10(2):278-281. PMID: 30828193
2. Nanda SN, Agrawal K, Velagada S, Tripathy SK. Osteoid osteoma of distal fibula: a rare location and its management. *Indian J Nucl Med*. 2019; 34(2):143-146. PMID: 31040528
3. Barman A, Mukherjee S, Sahoo J, Maity R, Rao PB, Sinha MK, Sahoo D, Tripathy S, Patro BK, Bag ND. Single intra-articular platelet-rich plasma versus corticosteroid injections in the treatment of adhesive capsulitis of the shoulder: a cohort study. *Am J Phys Med Rehabil*. 2019 Jan 23. doi: 10.1097/PHM.0000000000001144. [Epub ahead of print] PMID: 30676339
4. Jain M, Tripathy PR, Manik R, Tripathy S, Behera B, Barman A. Short term effect of yoga asana - An adjunct therapy to conventional treatment in frozen shoulder. *J Ayurveda Integr Med*. 2019 Mar 14. pii: S0975-9476(18)30654-5. doi: 10.1016/j.jaim.2018.12.007. [Epub ahead of print] PMID: 30878219
5. Jain M, Sahu RN, Behera S, Rana R, Tripathy SK, Pattnaik A. Standalone instrumented posterior approach used as universal approach for tuberculosis spondylodiscitis. *J Neurosci Rural Pract*. 2019; 10(2):225-233. PMID: 31001009
6. Nayak C, Acharya B, Jain M, Kamboj K. Valgus osteotomy in delayed presentation of femoral neck fractures using fixed angle simple dynamic hip screw and plate. *Chin J Traumatol*. 2019 Feb;22(1):29-33. PMID:30824174
7. Jain M, Sahoo S S, Sahu N K, et al. (December 27, 2018) Non-concentric Reduction Due to Entrapped Loose Bone Piece During a Single-stage Bilateral Total Hip Arthroplasty. *Cureus* 10(12): e3780. doi:10.7759/cureus.3780. PMID:30854268
8. Jain M, Das SS, Behera S, Tirpude A. Non-compressive postoperative cauda equina syndrome following decompression and transforaminal interbody fusion surgery. *BMJ Case Rep*. 2018 Nov 28;11(1). PMID:30567132
9. Jain M, Sahu NK, Naik S, Bag ND. Symptomatic Tarlov cyst in cervical spine. *BMJ Case Rep*. 2018 Dec 4;11(1). PMID:30567194
10. Jain M, Das SS, Gantaguru A, Panda R, Behera S. A Rare Case of Extra-abdominal Desmoid-type Fibromatosis Arising from the Popliteal Fossa. *Cureus*. 2018 Nov 28;10(11):e3651. PMID:30723650
11. Jain M, Nayak C, Samal BP, Tirpude A. Kiloh-Nevin syndrome associated with humeral shaft fracture. *BMJ Case Rep*. 2018 Sep 28; 2018. pii: bcr-2018-226506. PMID:30269094
12. Jain M, Sarkar S, Naik S, Behera S. Iliac bone tuberculosis with bicompartamental abscess. *BMJ Case Rep*. 2018 Aug 4;2018. pii: bcr-2018-226606. PMID:30077985

13. Jain M, Tirpude A. Unusual Monteggia type 1 variant in adult: a rare finding in a rare fracture. BMJ Case Rep. 2018 Aug 1;2018. pii: bcr-2018-226789. PMID:30068582
14. Jain M, Sable MN, Tirpude A. Quantitative Histological Analysis of Ligamentum Flavum. Asian Spine J. 2018 Apr; 12(2):388-389. PMID:29713423
15. Das SS, Behera SS, Das G, Patro B. Compartment syndrome as a late presentation of brachial artery pseudoaneurysm following shaft of humerus fracture. BMJ Case Reports. 2019 Mar 14;12(3). PMID: 30872341
16. Prabhat V, Gantaguru A, Behera S, Rana R, Das G. Spinal epidural abscess in Melioidosis: a rare case report from eastern India. Cureus 2019 Mar 6;11(3):e4187. PMID: 31106087

PATIENT CARE

The department serves as a tertiary referral centre for the state of Odisha and neighbouring states. The out patient department(OPD) caters to an average of 8000 patients every month. The faculty offer expertise in the subspecialities of Arthroplasty, Spine surgery, Sports medicine, Orthopaedic Oncology in addition to Complex trauma. Around 900 orthopedic surgeries(including major and minor) were performed in the year 2018-19. The department is the first and at present the only centre in the state of Odisha offering scoliosis correction surgery. Patient education programs are conducted regularly.

VISITING SCIENTISTS

Nil

AWARD, HONOURS AND SIGNIFICANT EVENTS

Dr Sujit Kumar Tripathy , Associate Professor

1. Awarded International Society for Knowledge for Surgeons on Arthroscopy and Arthroplasty (ISKSAA) travelling fellowship on arthroplasty and arthroscopy to Grantham hospital of United Lincolnshire Hospitals NHS Trust, UK from 11th July to 18th July 2018 (Under Prof Paul Y F Lee).
2. Got awarded ISKSAA researcher of the year Award 2018 at Leeds, UK.
3. Felicitated by Jeevan Jyoti Sangathan, Tihidi, Bhadrak for operating a difficult tumour of proximal femur on 17th July 2018.
4. Awarded second position in AOPAS young surgeon award in 3rd Annual conference of Association of Pelvi-Acetabular Surgeons (AOPAS) 2019 for a difficult case presentation in Worst case scenario session.
5. Assistant editor of Indian J Orthopaedics.
6. Editorial board member of Journal of contemporary orthopaedic Research, J Minimally Invasive Orthopaedic Surgery, World J Orthopaedics, Peertech journal of Orthopaedics and Rheumatology.

7. Organised 3rd Annual conference of Association of Pelvi-Acetabular Surgeons of India (AOPAS) 2019 at Bhubaneswar (Organising secretary).

Dr.Mantu Jain, Assistant Professor

1. Co-organiser of 3rd Annual conference of Association of Pelvi-Acetabular Surgeons of India (AOPAS) 2019 at Bhubaneswar (Organising secretary).
2. Co-Organized and attended a CME on Dual mobile THR at AIIMS Bhubaneswar.
3. Awarded "Short Term Fellowship in Spine surgery" by Spinal Injury Centre New Delhi.

Dr.Gurudip Das , Assistant Professor

1. Co-organiser of 3rd Annual conference of Association of Pelvi-Acetabular Surgeons of India (AOPAS) 2019 at Bhubaneswar (Treasurer).
2. Selected to be a co-opted member of the task force of "Scoliosis Screening Program" of ASSI(Association of spine surgeons of India) 2019-20.
3. Nominated as AO Spine faculty and attend Faculty education program 2019 at Kathmandu, Nepal.



Dr. Bishnu Prasad Patro delivering a lecture at annual conference of Odisha Arthroscopy Society -2018



Dr. Sujit Tripathy with Prof. Y F Lee at Grantham Hospital, UK during ISKSAA fellowship (Right, Dr. Sujit Kumar Tripathy and Left, Dr. Mohit Dua)



Dr Mantu Jain attended the Kochi Microsurgery Course 2018 as faculty



Dr Gurudip Das with Prof. Masato Tanaka of Okayama University, Japan during the AO Spine advanced specimen Course 2019 at Bangalore.



PATHOLOGY
&
LAB MEDICINE

PATHOLOGY & LAB MEDICINE

FACULTY

Dr Susama Patra	Professor and Head
Dr Amit Kumar Adhya	Additional Professor
Dr Pritinanda Mishra	Associate Professor
Dr Somanath Padhi	Assistant Professor
Dr Gaurav Chhabra	Assistant Professor
Dr Suvendu Purkait	Assistant Professor
Dr Mukund Sable	Assistant Professor
Dr Madhusmita Sethy	Assistant Professor
Dr Suvradeep Mitra	Assistant Professor

HIGHLIGHTS

The Department of Pathology and Laboratory Medicine consist of nine faculty members, which are supported by five senior residents and five junior residents; and both permanent and contractual technical staff members. At present, two 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 & indoor patient services provided by the institute. The Department organized the Odisha Chapter of Indian Association of Pathologist and Microbiologists (APCON) on 8th and 9th September 2018; and special session and oration was dedicated to interpretation of Liver Biopsies by Prof. Dr Ashim Das from PGIMER, Chandigarh. The department also organized a two-day CME cum workshop on Dermatopathology in collaboration with department of Dermatology; and Prof. Dr Raman CV from AIIMS, New Delhi was the external orator cum moderator.

The faculty and residents regularly attend and present lectures at various National and International conferences and seminars to update their knowledge.

EDUCATION

The department offers MD course in Pathology which was started in 2016; and the first student completed her MD thesis programme successfully this year under the guidance of Prof Dr Susama

Patra. Currently two residents per session are undergoing training in MD Pathology. Since 2012, seven batches of MBBS students have successfully passed the 2nd Professional examinations. The faculty and residents are actively involved in undergraduate and post graduate 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. The students are also being guided for their ICMR funded STS projects. 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); CPCs with PGI, Chandigarh on every Wednesday morning.

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

1. Dr Susama participated as a member in the Indian Society of Gastroenterology Task Force for consensus on Helicobacter pylori for development of consensus on treatment of H. pylori held in Bhubaneswar, India in April 2018.
2. Dr Susama participated in the Headquarter CME of Odisha Chapter of APCON and gave a lecture on "approach to gastrointestinal mucosal biopsies" at SCB Medical College, Cuttack on 3rd March 2019.
3. Dr Susama attended the conference-CME on Immunohistochemistry (The Mantra of our Era) at Lagoona Resort, Lonavala on 18th and 19th August' 2018 and participated in discussion on diagnostic utility and pitfalls in Immunohistochemistry in day to day practice.
4. Dr Susama was the Organizing Chairperson for the Annual Conference of Odisha Chapter of APCON 2018 held at AIIMS, Bhubaneswar on 8th and 9th September' 2018.
5. Dr Susama attended CME on IHC interpretation (Immuno-Histotech 2018) held at Tata Memorial Centre, Mumbai on 25th and 26th November' 2018.
6. Dr. Susama attended the CME on Dermatopathology, held on 2rd March 2019, at AIIMS, Bhubaneswar.
7. Dr Susama chaired a session in the 'CME on Wound Care' held at AIIMS, Bhubaneswar on 23rd March 2019.
8. Dr. Amit Kumar Adhya was the Organizing Secretary of the Odisha APCON conference, from 8-9th Sep. 2018 held at AIIMS Bhubaneswar.
9. Dr. Amit attended CYTOCON 2018 conference, from 2-4th November 2018, at Goa. And presented an Oral paper entitled "Utility of cellblock Immunohistochemistry for detection of malignancy in serous effusion fluid cytology."
10. Dr. Amit attended "Workshop on cervical cytology", from 5th Nov 2018, at Goa.
11. Dr. Amit attended Workshop "Immunohistotech", from 23-25th Nov 2018, at TMC Mumbai.

12. Dr. Amit attended "Hands on Workshop on Interphase FISH", from 6-8th Feb 2019, at CMC Vellore.
13. Dr. Amit attended "Dermatopathology CME", on 2nd March 2019, at AIIMS, Bhubaneswar.
14. Dr. Amit attended "Head Quarter CME", on 3rd March 2019, at Cuttack, and presented cases in the "slide seminar of Endometrial lesions."
15. Dr. Amit attended "International CME on lymphoma", from 6-8th March 2019, at AIIMS, New Delhi and presented an oral paper entitled "Leukemic conversion of ALK positive Anaplastic Large cell lymphoma".
16. Dr. Pritinanda was part of the organizing team of Odisha APCON conference, and conducted the pathology quiz session for the post graduate students from 8-9th Sep. 2018, at AIIMS Bhubaneswar.
17. Dr. Pritinanda attended "Hands on Workshop on PD-L1", from 13-14th October 2018, at Mumbai
18. Dr. Pritinanda attended "Dermatopathology CME", on 2nd March 2019, at AIIMS, Bhubaneswar.
19. Dr. Pritinanda attended "Head Quarter CME", on 3rd March 2019, at Cuttack, and presented a case in the "slide seminar of Endometrial lesions." as an invited faculty.
20. Dr. Pritinanda attended "International CME on lymphoma", from 6-8th March 2019, at AIIMS, New Delhi and presented a case "Classical Hodgkin lymphoma transformation in chronic lymphocytic leukemia - RICHTER SYNDROME" as an invited faculty.
21. Dr Somanath attended the 20th Indo-US workshop on Flowcytometry and symposium on advanced molecular techniques from 24th to 27th March 2019 at Cachar Cancer Hospital and Research Center, Silchar, Assam
22. Dr Somanath was a part of the Organizing Team of the 46th Annual Conference of Indian Association of Pathologist and Microbiologists (APCON-Odisha chapter) from 8th to 9th September 2019, at AIIMS, Bhubaneswar.
23. Dr Somanath attended the 59th Annual Conference of the Indian Society of Hematology and Blood Transfusion (HEMATOCON) from 25th to 29th October 2018 at Kochi, Kerala; and Co-chaired the ASH-ISHBT plenary symposium on "Gene therapy in hemoglobinopathy, CART therapy in acute leukemia, and CART status in India". He also presented/Co-authored a poster "Plasma cell leukemia: report of three cases from a single centre".
24. Dr Somanath was a part of Organizing Team and participated as a faculty in the 5th Midterm CME of Pediatric Hematology and Oncology Chapter of Indian Academy of Pediatrics from 30th June to 1st July 2018 at AIIMS, Bhubaneswar; and participated in an interactive session on Hemophagocytic Lymphohistiocytosis (HLH) chaired by Prof. Dr Sheila Weizmann from Hospital for Sick kids, Toronto, Canada.
25. Dr Somanath attended the conference-CME on Immunohistochemistry (The Mantra of our Era) at Lagoon Resort, Lonavala on 18th and 19th August' 2018 and participated in discussion on diagnostic utility and pitfalls in Immunohistochemistry in day to day practice.

26. Dr Somanath was the Co-chair of the session on Endocrine Pathology at the Annual Endocrinology Conference of Endocrinology Society of India, held at Bhubaneswar in May 2018.
27. Dr Gaurav attended the 7th Practical clinical cytometry course and CME on Updates in flow cytometry from, from 5th- 8th April 2018, at ACTREC, TMH Mumbai.
28. Dr Gaurav was part of Organizing team and attended Odisha APCON conference, from 8-9th September 2018, at AIIMS Bhubaneswar.
29. Dr Gaurav attended the 59th Annual Conference of the Indian Society of Haematology and Blood Transfusion (HAEMATOCAN 2018) and presented a paper on "Q Values: Performance evaluation and diagnostic utility in identification of abnormal cell population In Xn-1000 Hematology Analyser" from 26th -28th October 2018, at Kochi
30. Dr Gaurav was invited as faculty to deliver his talk on "Patho-physiology of Lymphatic system in a CME and workshop on Lymphedema held at AIIMS Bhubaneswar on 17th January 2019.
31. Dr Suwendu attended 10th Annual Conference of Indian Society of Neuro-oncology (ISNOCON – 2018) held at All India Institute of Medical Sciences, New Delhi, India from 06.04.18 & 08.04.2018 and judge the poster session of the conference.
32. Dr Suwendu participated as a speaker and delivered lecture on "Pathological Autopsy for Birth defect" in a workshop organized by The Birth Defect and Still born committee, AIIMS, Bhubaneswar on 13th July 2018.
33. Dr Suwendu went for a training at National Institute of Mental Health and Neurosciences, Bengaluru, India from 2nd to 15th August 2018 in several aspects of Neuropathology including -
 - o Nerve biopsy – histochemical staining technique and interpretation
 - o Muscle biopsy - histochemical staining technique and interpretation
 - o Diagnosis of neuroinfection and neurodegenerative disease
34. Dr Suwendu attended Odisha APCON conference, from 8-9th September 2018, at AIIMS Bhubaneswar as a faculty and conducted the pathology quiz session for the post graduate students.
35. Dr Suwendu attended workshop on "Biostatistical Methods in Medical Research" organized by ICMR- NIMS, New Delhi from 04th to 07th December 2018.
36. Dr Suwendu attended 15th Instructional and 9th Foundation course of Neurological Society of India (NSI) organized by the Neurosurgery Department of SCB Medical College, Cuttack, on 12th and 13th of January 2019 as a faculty and taught different aspects of neuropathology to the Mch and DNB Neurosurgery students from all over India.
37. Dr Suwendu attended 4th Annual conference of Neuropathology Society of India (NPSICON – 2019) from 15th to 17th February 2019 organized by PGIMER, Chandigarh as a guest faculty and delivered lecture in neoplastic neuropathology cases session (Astroblastoma and mimickers)

38. Dr Mukund went for a DHR sponsored training course at National Institute for Research in Reproductive Health, Mumbai, India from 7th May 2019 to 1st June 2018 on "Clinical and Molecular Genetics".
39. Dr Mukund was part of organizing team and attended Odisha APCON conference, on 9th September 2018, at AIIMS Bhubaneswar.
40. Dr Mukund organized and attended Pre- conference workshop of "interpretation of liver biopsies" Odisha APCON conference, on 8th September 2018, at AIIMS Bhubaneswar.
41. Dr Mukund attended "Dermatopathology CME", on 2nd March 2019, at AIIMS, Bhubaneswar.
42. Dr Mukund attended "International CME on lymphoma", from 6-8th March 2019, at AIIMS, New Delhi.
43. Dr Mukund attended "9th Foundation course of Neurosurgery of India", from 12-13th January 2019, at SCB Medical College, Cuttack.
44. Dr Mukund was invited as faculty to conduct a session on "Neuropathology" at "9th Foundation course of Neurosurgery of India", from 12-13th January 2019, at SCB Medical College, Cuttack.
45. Dr Mukund attended a workshop of "Igh/TCR clonality and Molecular MRD analysis in lymphoid malignancies", from 13-14th September 2019, at Tata Medical Center, Kolkata.
46. Dr Mukund attended and participated in panel discussion as on " Interesting case : Paediatric pathology in " Paediatric Surgery Oncology Masterclass" on 11-12th January 2019 at AIIMS, Bhubaneswar.
47. Dr Mukund organised and attended a CME – "Many Birth defects, One voice" on 12th March 2019 and delivered a lecture on "Pathological autopsy in Still Birth" at AIIMS, Bhubanewar.
48. Dr Mukund attended CAPPCON 2018 on Breast & Uropathology Update conference from 17-18th November 2019 at Kolkata and presented a case – "Pleomorphic adenoma like breast cancer" as an invited faculty.
49. Dr Madhusmita was part of Organizing team and attended Odisha APCON conference, from 8-9th September 2018, at AIIMS Bhubaneswar.
50. Dr Madhusmita participated as a Facilitator in "Dermatopathology workshop" in AIIMS, Bhubaneswar, Odisha (2nd and 3rd March 2019).
51. Dr Madhusmita participated in "Workshop on effective medical literature search" in AIIMS, Bhubaneswar on 27th April, 2019.
52. Dr Madhusmita participated in the 2nd National Workshop on R for Basic Biostatistics held on 25-27th July 2018, AIIMS, Bhubaneswar.
53. Dr Madhusmita participated in International CME in Pathology, Histopathology & Cytopathology held at Goa on 1st to 3rd February, 2019.

54. Dr Madhusmita attended the CME – “Many birth defects, One voice” held at AIIMS, Bhubaneswar on 12th March 2019 (World Birth Defect Day).
55. Dr Suvradeep attended the annual conference of Indian Society of Renal and Transplant Pathology, from 16-18th August 2018, at Kolkata.
56. Dr Suvradeep organized and attended Odisha APCON conference, from 8-9th September 2018, at AIIMS Bhubaneswar.
57. Dr Suvradeep attended CYTOCON 2018 conference, from 2-4th November 2018, at Goa.
58. Dr Suvradeep attended Workshop on cervical cytology, from 5th November 2018, at Goa.
59. Dr Suvradeep attended Clinicopathological conference on Liver pathology, from 6th -7th December 2018, in London, UK.
60. Dr Suvradeep attended the annual conference of Pediatric Pathology, from 18th -20th January 2019, in Kolkata and presented an interesting autopsy case of Pediatric Pathology as an invited faculty.
61. Dr Suvradeep attended NPSICON, from 15th -17th February 2019, in PGIMER, Chandigarh.
62. Dr Suvradeep organized and attended Dermatopathology CME, on 2nd March 2019, at AIIMS, Bhubaneswar.

RESEARCH

Funded Projects:

Ongoing:

1. Title of the project. “Circulating microparticles in breast carcinoma and their possible clinico-pathological impact.”
Name of the principal investigator: Dr Gaurav Chhabra
Funding agency: AIIMS, Intramural grant, start year:2018 Funds: Rs.400000/-
IEC approval number: T/IMF/17-18/33
2. Title of the project. Analysis of immuno-expression of androgen receptor and transforming growth factor B2 in breast carcinoma
Name of the principal investigator: Dr Mukund Sable
Funding agency: AIIMS, Intramural grant, Duration: 2 years start year: 2017 Funds: Rs 3,63,000/-
IEC approval number: T/IMF/17-18/35
3. Title of the project. Expression of DCDC2, acetylated alpha-tubulin and MMP7 in biliary atresia
Name of the principal investigator: Dr Suvradeep Mitra
Funding agency: AIIMS, Intramural grant Duration: One year start year: 2019 Funds: Rs. 3,70,000/-

IEC approval number: T/IM-F/18-19/29

4. Title of the project. Hepatic histomorphology in choledochal cyst in and role of CD56 (STS project)

Name of the principal investigator: Dr Suvradeep Mitra

Funding agency: AIIMS, Intramural grant Duration: Six months start year: 2019 Funds: Rs. Non-funded

IEC approval number: IEC/AIIMS BBSR/STS/2019-20/06

5. 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- One year., start year: 2019 Funds: Rs3,85000/-

IEC approval number: IMF/33/2018

Completed:

1. Title of the project: Cyclin D1 and multi drug resistant protein 1 (MDR-1) expression in patients with newly diagnosed plasma cell myeloma: correlation with clinico hematological characteristics.

Name of the principal investigator: Dr Somanath Padhi

Funding agency: AIIMS, BBSR Duration: 1 year; start year: 2018; Funds: Rs.1, 23, 200/-

IEC approval number: T/IM-F/17-18/8.

Departmental:

Ongoing:

1. Title of the project: Cyclooxygenase 2 (COX 2) expression in newly diagnosed plasma cell myeloma: correlation with clinicopathological features.

Name of the principal investigator: Dr Sandip Abhijeet Pattnaik/Dr Somanath Padhi (Guide)

Funding agency: Self, Duration: 18 months, start year: 2018 Funds: Rs.20,000/-;

IEC approval number: IEC/AIIMS BBSR/PG Thesis/2017-18/36.

2. Title of the project: Role of T- Regulatory cells in ENL.

Name of the principal investigator: Dr Dipawrita Biswas/Dr Madhusmita Sethy (Guide)

Funding agency: AIIMS, Bhubaneswar, Duration- 2 years start year:2019 Funds: Rs.50,000.

IEC approval number: IEC/AIIMS BBSR/PG Thesis/2018-19/41

Completed:

1. Title of the project: Microsatellite instability and its correlation with clinico-pathological features in colorectal carcinoma in Eastern Indian population.

Name of the Principal Investigator: Dr Aditi Kundoo/ Dr Susama Patra (Guide)

Funding agency: AIIMS, BBSR, Duration: 2 years, Starting year: 2016, Funds: 50, 000/- (approx.)

IEC approval number: IEC/AIIMS BBSR/ PG thesis/2017-18/8.

Collaborative projects:

Ongoing: Nil

Completed: Nil

PUBLICATIONS

1. Bansal S, Patra S, Mishra P, Mahapatra AK. Recurrent cerebral astroblastoma with aggressive histology: an uncommon case. *Indian J Neurosurg* 2018; 7:150-154 (PMID not available).
2. Samal S, Pradhan P, Preetam C, Patra S. Oropharyngeal paraganglioma presenting with stridor: an unusual presentation. *BMJ Case Rep* 2018. PMID: 29973412
3. Sirka S, Pradhan S, Patra S, Padhi S, Majumdar S, Panda D. Hemophagocytic lymphohistiocytosis: a rare potentially fatal complication in subcutaneous panniculitis like T cell lymphoma. *Indian J Dermatol Venereol Leprol* 2018 DOI: 10.4103/ijdv.IJDVL_277_17. PMID: 30289114.
4. Mishra B, Hallur V, Behera B, Preetam C, Mishra PN, Turuk J, Mohapatra PR. Evaluation of loop-mediated isothermal amplification (LAMP) assay in the diagnosis of tuberculous lymphadenitis: A pilot study. *Indian J Tuberc* 2018; 65:76-9. PMID: 29332654.
5. Pattnaik SA, Mitra S, Mishra TS, Purkait S, Kumar P, Naik S. A Vasculitis associated neuromuscular and vascular hamartoma presenting as a fatal form of Abdominal cocoon. *Int J Surg Pathol.* 2019; 27:108-115. PMID: 29992844.
6. Mallick M, Samal S, Pradhan P, Mitra S. Laryngopyocele in an adult female mimicking an infected branchial cyst. *BMJ Case Rep.* 2018. PMID: 30037841
7. Jaffer M, Mitra S, Mandal S, Das M, Mahalingam R, Nayak P. Cystadenoma of the Seminal vesicle: A case report of rare seminal vesicle tumor and Review of literature. *Urology.* 2019; 123: e11-4. PMID: 30599918
8. Jha S, Mitra S*, Adhya AK, Nayak P. Urothelial carcinoma with villoglandular differentiation (UCVGD) with small cell neuroendocrine carcinoma of urinary bladder. *BMJ Case Rep.* 2019;12. PMID: 30661049
9. Sultania M, Muduly D, Jha S, Kar M, Mitra S. Primary colonic liposarcomatosis: report of a case with review of literature. *Autops Case Rep.* 2019; 9: e2018056. PMID: 30863730
10. Mitra S, Purkait S, Kundoo A, Behera G, Patra S. Diagnostic challenge in a metastatic pulmonary adenocarcinoma with neuroendocrine differentiation to breast and skin. *Cytopathology.* 2019. PMID: 30980438.
11. Purkait S, Bansal S, Malgulwar PB. BRAF V600E-mutated central nervous system tumor with divergent morphological feature - Anaplastic pleomorphic xanthoastrocytoma-like and astroblastoma-like. *Neuropathology* 2019;39(1):64-67. PMID: 30557911.

12. Mohanty PK, Som TK, Purkait S, Satapathy AK. Difficult intubation in a neonate: a diagnostic dilemma. *BMJ Case Rep.* 2018;11(1). pii: e224769. PMID: 30567083
13. Mandal S, Nayak P, Purkait S, Das M, Mahalingam R. Rare Images of Urethral Hemangioma and its Management. *Urology.* 2019; 124: e9-e11. PMID: 30389484
14. Singh S, Patnaik A, Sahu RN, Jena SS, Mohakud S, Purkait S. Rare case of meningeal tuberculoma mimicking meningioma in term pregnancy and its management. *Surg Neurol Int.* 2018; 9:178. PMID: 30221023

List of chapters in books:

1. Padhi S, Patra S. Dyskeratosis congenita. In: Liu D (Editor). *Handbook of tumor syndromes.* Taylor and Francis CRC Press, 2019 (in Press).

PATIENT CARE / HOSPITAL SERVICES

Surgical pathology/Histopathology:

- o 10, 171 cases (including small biopsies, large/resected specimen/ frozen section).
- o Special stains performed in 5001 cases for patient diagnosis.
- o 13, 233 immunohistochemical markers were used in 2640 cases for diagnosis.

Immunofluorescence facilities:

- o Kidney biopsies: 160
- o Skin biopsies: 60

Autopsies:

- o Pathological autopsies – 24
- o Autopsies with association of Forensic Medicine department: 32

Cytopathology:

Total 9263 cases including Fine Needle Aspiration (blinded and imaging guided), body fluid cytology, cell block and immunocytochemistry.

Hematopathology/Clinical Pathology:

- o Flow cytometry services used for the diagnosis of 56 cases of acute leukemia.
- o Bone marrow procedures performed and reported in 650 cases (aspiration and biopsies both).
- o 1, 98, 864 cases of routine hematology (including routine CBCs, coagulation studies, Hb-HPLC, HLA-B27 workup)
- o Clinical pathology services performed in 27, 123 cases.

Started New Diagnostic Services in Hematology & Clinical Pathology Section

- o Thrombotic panel (Lupus Anticoagulant, Antithrombin, Protein S, Protein C)
- o HLA-B27 Analysis by Flow cytometry
- o Immunophenotyping for Acute Leukemia
- o Coagulation Factor Assay



PEDIATRICS

PEDIATRICS

FACULTY

Dr. Joseph John	Additional Professor and Head
Dr. Bhagirathi Dwibedi	Additional Professor
Dr. Samarendra Mahapatro	Associate Professor
Dr. Rashmi Ranjan Das	Associate Professor
Dr. Amit Kumar Satapathy	Assistant Professor

HIGHLIGHTS

By March last year two new faculty joined the department increasing the total faculty strength to five. A total number of 1742 patients were admitted and treated in the inpatient department and about 23,589 patients were seen in the outpatient department. The department also conducts specialty clinics in collaboration with other departments like the Epilepsy Clinic and Child Guidance Clinic with Psychiatry department and Nephro - Urology and DSD Clinic with Pediatric Surgery, while we run some clinics independently like the Pediatric Pulmonology and Asthma Clinic and Adolescent Clinic. Each clinic sees about 15-20 patients. The divisional round of the 31st IAP Pediatrics Quiz for undergraduates was held at our institute for all colleges of Odisha and Jharkhand. Students from 11 colleges participated and our 4th year medical students Mr Anil Dash and Mr Ritesh Kumar Mishra won the divisional round to go on to represent our institute at the East Zone level. They were an honorable 3rd amongst all the institutes participating from East India. Our MD training programme started last year with 2 students each, joining the July 2018 and January 2019 sessions. We also organized a Pediatric Basic Life Support training programme, Pediatric Advanced Life Support training programme, Asthma training module and an Electrocardiography workshop for the faculty, postgraduate students and practitioners from Eastern India.

EDUCATION

With the new curriculum being implemented from 2018 a updated structured training schedule pattern has been envisioned and is being implemented for the MBBS students which includes tutorials along with conventional didactic classes for MBBS students. During the hospital posting, the students attend the outpatients as well as inpatient services, where they are trained about interaction with patients and approach to various clinical cases from the common day to day to the unusual ones as well. At the end of the clinical postings the students are evaluated and feedback is given on their performance. Our MD training programme started in July 2018 with two students joining the course and 2 more who joined the January 2019 session. They have a rigorous training session with about 20-25 academic sessions a month with Journal clubs, Clinical Case Presentations, Mortality meetings, Seminars, Guidelines update presentations, Collaborative teaching with AIIMS, Delhi & PGIMER Chandigarh amongst other activities. Faculty members are also involved in the training of B.Sc and M.Sc Nursing students.

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

Dr. Joseph John

1. Chaired the following sessions at the 5th Midterm CME of the Pediatric, Hematology & Oncology chapter of the IAP in association with IAP Odisha state branch & PHO chapter of IAP on 30th June & 1st July 2018 at AIIMS Bhubaneswar.
 - (a) Selecting Oral Anticoagulants: Practical Considerations
 - (b) Panel discussion: 1. Child with unprovoked DVT: (genetic predisposition, screening and treatment and Case based discussions on thrombosis
 - (c) Sickle cell hemoglobinopathy in Odisha
 - (d) Sickle cell disease (Darkness at noon)
2. Conducted the college round of the 31st Indian Academy of Paediatrics quiz for undergraduates in July 2018 at AIIMS Bhubaneswar. The team that stood first represented AIIMS, Bhubaneswar at the divisional round.
3. Chaired a session in the CME conducted by the Department of Psychiatry, on the World Mental Health Day, on 10th October 2018 on the topic "Mental health issues amongst youth: Challenges"
4. Was re certified (revalidated) as BLS provider at the BLS training program conducted at AIIMS Bhubaneswar on 2nd December 2018. Amongst all the delegates he was the only candidate who scored full marks in the validation exam and is selected to be a future BLS instructor after completing the necessary "observer" sessions as per rules.
5. Participated as observer to BLS provider course for Health Care Providers at IMS & SUM Hospital, Bhubaneswar on 27th January 2019.
6. Participated in the Subspecialty The Academic Marvel in Pediatrics (STAMP) Workshop : This training is a module that is being launched by the Indian Academy of Pediatrics (IAP) under the presidential action plan to be implemented throughout the country in 2019-2020. This programme was developed as a teaching and training module to retrain all Paediatricians with regard to the approaches to some of the common problems in children seen in Pediatric subspecialties like Pediatric Neurology, Pediatric Nephrology, Pediatric Cardiology and Pediatric Hematology with an evidence based approach. Approach to problems like Congenital Adrenal Hyperplasia, proteinuria, hematuria, hemoglobinopathy, short stature, anaemia, heart disease etc.
7. Presented a poster at the National Conference of the Indian Academy of Pediatrics - PEDICON 2019 held at Mumbai on from 6th to 10th February 2019.
8. Chaired two session at the National Conference of the Indian Academy of Pediatrics - PEDICON 2019 held at Mumbai on from 6th to 10th February 2019 on Neonatal Sepsis where Dr Arun Pramanik from Shreveport, USA was speaker and the other on snake envenomation and dog bite – an update.

9. Was speaker in the Pediatric ECG workshop held on 24th February 2019 at AIIMS Bhubaneswar and spoke on Congenital Heart Blocks.
10. Attended as a delegate in Asthma training module by Indian Academy of Pediatrics at AIIMS, Bhubaneswar on 10th March 2019
11. Participated and successfully completed the “Pediatric Advanced Life Support Course” held jointly by the Indian Academy of Pediatrics and AIIMS, Bhubaneswar on 30th and 31st March 2019.
12. Was selected as trainer by the national faculty for the Indian Academy of Pediatrics, Advanced Life Support courses to be held in the future.
13. Chaired a session on Diagnosis & Prevention of Acute Kidney Injury by Dr. Martin Bitzan at the Annual Conference of Indian Academy of Pediatrics Cuttack district branch and Odisha state Pediatric Nephrology CME held on 17th March, 2019 at Seminar hall, SVPPGIP, Cuttack.

Dr. Bhagirathi Dwibedi

1. Participated in 20th International Conference on Pediatrics and Primary care held on 3rd and 4th September 2018 at Zurich, Switzerland. He delivered an invited talk on Contribution of Influenza towards severe ARI: Need for Flu vaccination.
2. Attended Institutional ethics committee meetings of IMS & SUM Hospital, SOA University as an expert clinician member.
3. Attended a meeting organized by FANSA India on “Multi Stakeholder Workshop on water Governance and Human Rights,” on 31st October 2018 at Hotel Suryansh, Bhubaneswar Odisha as an expert member.
4. Attended as a delegate in Indian Academy of Pediatrics - BLS Provider Course at AIIMS, Bhubaneswar on 2nd December 2018.
5. Attended the Odisha state Pedicon, at Balasore, Odisha during 8th to 9th December 2018 as an invited Faculty and participated as a Chairperson / Judge in the Oral Scientific Paper presentation.
6. Attended the expert consultation meet on 22nd December 2018 to help in preparing a policy document to support the state to reduce childhood diarrhoea burden and achieve the GAPPD goals 2025, organized by UNICEF & ICMR – RMRC, Bhubaneswar.
7. Attended the 14th International conference on Vectors and vector borne diseases, Bhubaneswar from 9th to 11th January 2019 at Hotel Swosti Premium, Bhubaneswar and chaired /co-chaired scientific session and also delivered lectures on :-
 - (a) Presence of Plasmodium Falciparum and Plasmodium Vivax infection in acute encephalitis syndrome cases admitted to tertiary care hospitals of Odisha.
 - (b) Antifilarial chemotherapy: future prospects experience of clinical trials.
8. Delivered a lecture during the workshop and CME on Lymphedema on 17th Jan 2019 on Extent of problem in Odisha – incidence & current management options at Mini Auditorium, Nursing College, AIIMS Bhubaneswar.

9. Attended Workshop on ICH GCP guidelines and ethical consideration of clinical research held on 28th January 2019 at MKCGMC, Berhampur as resource person and delivered lecture on "Ethics in Clinical Research".
10. Participated as observer to BLS provider course for Health Care Providers at IMS & SUM Hospital, Bhubaneswar on 27th January 2019.
11. Attended National conference on Management of Lymphedema, organized by Department of Plastic surgery in association with Department of General surgery and Academy of medical sciences Raja Muthiah Medical College and Hospital, Annamalai University, Annamalainagar, Tamil Nadu, India during 23rd-24th March 2019, delivered lecture on "Perspectives in Chemotherapy in Lymphatic Filariasis elimination" and chaired a scientific session .
12. Attended Laboratory training program on "Congenital Rubella Syndrome Surveillance in India" during 11th to 12th March 2019 organized by ICMR, National Institute of Virology, PASHAN, Pune.

Dr. Samarendra Mahapatro

1. Participated as a trainer in Research Methodology workshop organized by Indian Academy of Paediatrics (IAP), Orissa state branch for the faculty and postgraduate students of Orissa at IMA House, Bhubaneswar on 7th April, 2018.
2. Participated as a faculty in Foundation course for MBBS Batch 2018 (Stress management and healthy life style) from 6th August 2018 to 9th August 2018.
3. Participated as a faculty in IAP - ALS Provider Course at Kolkata for the faculty and postgraduate students (Paediatrics) of West Bengal on 22nd and 23rd September 2018.
4. Participated as a trainer in MKU training programme for Paediatricians at Capital Hospital, Bhubaneswar on 28th October 2018.
5. Participated as a delegate in Respicon - 2018 at Indore from 23rd to 25th November 2018.
6. Participated as a faculty in IAP-BLS Provider Course at AIIMS, Bhubaneswar for the faculty and postgraduate students (Paediatrics) 2nd December 2018.
7. Attended as a faculty in Neonatal Resuscitation Programme for the nursing faculties and staffs of Orissa at Sum Hospital, Bhubaneswar on 13th January 2019.
8. Organized and attended as a faculty in ECG Workshop by Indian Academy of Pediatrics (Orissa state branch) for the faculties, postgraduate students of Orissa at AIIMS, Bhubaneswar on 24th February 2019.
9. Attended as a delegate in Asthma training module by Indian Academy of Pediatrics at AIIMS, Bhubaneswar on 10th March 2019.
10. Organized and attended as a faculty in Advanced life Support course by Indian Academy of Pediatrics for the faculties, postgraduate students of Orissa at AIIMS, Bhubaneswar on 30th & 31st March 2019.

Dr. Rashmi Ranjan Das

1. As a trainer in Research Methodology workshop organized by Indian Academy of Paediatrics (IAP), Orissa state branch for the faculty and postgraduate students of Orissa at IMA House, Bhubaneswar on 7th April, 2018.
2. Attended instructor course for IAP advance life support course at AIIMS, Patna on 16th April 2018. As a trainer in Research Methodology workshop organized by AIIMS Patna on 17th & 18th April 2018.
3. As a faculty delivered talk on Vitamin D in Pediatric Respiratory Disease: Do we have enough evidences? In the international conference on recent advances in food fortification with emphasis on Vitamin D deficiency in human health held at Jamia Hamdard University, New Delhi on 15th and 16th September 2018.
4. Delivered Public lectures along with Community and Family Medicine and other Departments in OPD foyer of AIIMS, Bhubaneswar.
5. Conducted the Divisional Round of 31st Indian Academy of Pediatrics quiz for undergraduates at AIIMS, Bhubaneswar on 19th August 2018. Undergraduate students from all the Medical colleges of Odisha and Jharkhand participated in the quiz.
6. As faculty delivered talk on "CONSORT & Other Reporting Guidelines" in the CME on "Peer Review of Article for Journals" held at MAMC, New Delhi on 9th November 2018.
7. As faculty delivered talk on "Approach to wheezing in children" in the 25th East Zone PEDICON held at Patna on 17th & 18th November 2018.
8. As faculty delivered talk on "Primary Ciliary Dyskinesia: Myriad of presentations" in the National Conference of IAP Respiratory Chapter (RESPICON) held at Indore on 24th & 25th November 2018.
9. Attended the ABQC workshop conducted by AIIMS Bhubaneswar on 8th and 9th December 2018.
10. Awarded travel grant by Indian Chest Society (ICS) to attend International Workshop on Lung Health from 17th to 19th January 2019 at Nice, France.
11. Elected in February 2019 as the National Advisory Board Member of Indian Pediatrics Journal for the year 2019.
12. Attended as a faculty in ECG Workshop by Indian Academy of Pediatrics (Orissa state branch) for the faculties, postgraduate students of Orissa at AIIMS, Bhubaneswar on 24th February 2019.
13. As a coordinator organized one day workshop on Asthma Training Module (ATM) on behalf of Department of Pediatrics, AIIMS Bhubaneswar along with IAP Odisha State Branch under the aegis of IAP Respiratory Chapter at AIIMS Bhubaneswar on 10th March 2019.
14. Attended the International Pediatric Association (IPA) Congress at Panama City, Panama from 17th to 20th March 2019 and presented two scientific papers.

Dr. Amit Kumar Satapathy

1. Attended the instructor course for Indian Academy of Pediatrics, Advanced Life Support Course at AIIMS, Patna on 16th April 2018
2. Invited as a faculty for "AIIMS Paediatric Endocrinology CME" organised by Department of Paediatrics AIIMS, New Delhi on 1st July 2018 and delivered a lecture on approach to refractory rickets.
3. Invited as a faculty for CME "Diabetes Mellitus: Recent Advances" conducted by INHS Kalyani, Vishakhapatnam on 8th July 2018 and delivered a lecture on management of Type 1 Diabetes Mellitus.
4. Attended the ABQC workshop conducted by AIIMS Bhubaneswar on 8th and 9th December 2018.
5. Attended National conference on Pediatric Rheumatology 2018 and presented a Poster between 15th to 16th December 2018 at Thane, Maharashtra.
6. Delivered a talk on "Waves in ECG" in the Pediatric ECG workshop held on 24th February 2019 at AIIMS, Bhubaneswar.
7. Participated in the Asthma Training Module Workshop conducted by the Indian Academy of Pediatrics, Respiratory Chapter as delegate on 10th March 2019 held at AIIMS, Bhubaneswar.
8. Delivered a public lecture on World Kidney Day at AIIMS, Bhubaneswar on 14th March 2019.
9. Invited as a Faculty and delivered a talk on "Pediatric AKI: The current status" the Annual Conference of IAP, Cuttack district branch and Odisha state Pediatric Nephrology CME held on 17th March 2019 at Seminar hall, SVPPGIP, Cuttack.
10. Participated as Instructor potential in "Pediatric Advanced Life Support Course" held jointly by the Indian Academy of Pediatrics and AIIMS, Bhubaneswar on 30th and 31st March 2019.
11. Participated in FDP (FACULTY DEVELOPMENT PROGRAMME) on ASSESSMENT organized by MEU, AIIMS, Bhubaneswar on 29th and 30th March 2019.

RESEARCH

Funded Intramural :

Ongoing :

1. Title of the project: Effect of BMI on Pulmonary function in children of age group 6-14 years
Name of the principal investigator: Dr Amit Kumar Satapathy
Funding agency: AIIMS, Bhubaneswar
Duration, start year :1 year, December 2017
Funds: Rs 70,000/-
IEC approval number: T/IM-F/17-18/34

Departmental projects

PG Thesis

1. Title of the project: Comparative study between azithromycin and doxycycline for treatment of scrub typhus in paediatric population : A double blinded randomized controlled trial.
Name of the principal investigator: Dr. Joseph John
Funding agency: Nil – PG thesis
Duration, start year : January 2019
IEC approval number : IEC/AIIMS BBSR/ PG Thesis/2018-19/44
2. Title of the project: Comparison of oral triclofos, intranasal midazolam and dexmedetomidine for sedation in children undergoing magnetic resonance imaging : An open label randomized controlled trial
Name of the principal investigator: Dr. Bhagirathi Dwibedi
Funding agency: Nil – PG thesis
Duration, start year: January 2019
IEC approval number: IEC/AIIMS BBSR/ PG Thesis/2018-19/40
3. Time of initiation of breastfeeding in a cohort of babies in Odisha –
Name of the principal investigator: Dr. Joseph John
Funding agency: ICMR STS
Duration, start year: June 2019
IEC approval number: IEC/AIIMS BBSR/ STS_UG/2018-19/05

Funded projects.

1. Title of the project: Protective antibody response following double dose measles vaccination and factors for non-response among tribal children in remote area of Odisha.
Name of the principal investigator: Dr. Bhagirathi Dwibedi
Funding agency: ICMR, New Delhi
Duration, start year : 2 years 6 months, March 2019
Funds: Rs 49,97,800/-
IEC approval number : T/EMF/Pedia/18/02

Collaborative projects

1. Title of the project: Congenital Rubella Syndrome Surveillance in India (National Institute of Epidemiology, Chennai, National Institute of Virology, Pune)
Name of the principal investigator: Dr. Bhagirathi Dwibedi

Funding agency: ICMR, NIE, Chennai

Duration, start year : 3 years, March 2019

Funds: Rs 35,50,000/-

IEC approval number : T/EMF/Pedia/18/17

Funded Extramural: Completed

1. Title of the project: To develop Acute Respiratory Infection Treatment Units (ATUs) and assess their utility in improving health

Name of the principal investigator : Dr. Rashmi Ranjan Das

Funding agency: AIIMS, New Delhi

Duration, start year: 2 years, August 2016

Funds: Rs 28,00,000/-

IEC approval number: P/EM-F/Pedia/15/20

PUBLICATIONS

1. Das RR, Singh M, Naik SS. Vitamin D as an adjunct to antibiotics for the treatment of acute childhood pneumonia. *Cochrane Database Syst Rev.* 2018; CD011597. PMID: 3002463
2. Sankar J, Das RR. Asthma – A Disease of How We Breathe: Role of Breathing Exercises and Pranayam. *Indian J Pediatr.* 2018; 85:905-10. PMID:29247426
3. Bhatt GC, Gogia P, Bitzan M, Das RR. Theophylline and aminophylline for prevention of acute kidney injury in neonates and children: a systematic review. *Arch Dis Child.* 2019 Feb 23. PMID: 30798259
4. Das RR, Sankar J, Kabra SK. Role of Breathing Exercises And Yoga/Pranayam In Childhood Asthma: A Systematic Review. *Curr Pediatr Rev.* 2019 Jan 21. [Epub ahead of print] PMID: 30663571
5. Thakkar P, Rohit HR, Das RR, Thakkar UP, Singh A. Effect of oral stimulation on feeding performance and weight gain in preterm neonates: A randomized controlled trial. *Paediatr Int Child Health.* 2018;38:181-6. PMID: 29457986
6. Tripathy SK, Mishra P, Dwibedi B, Priyadarshini L, Das RR. Clinico-epidemiological study of viral acute encephalitis syndrome cases and comparison to nonviral cases in children from Eastern India. *J Global Infect Dis.* 2019;11:7-12. PMID: 30814829 PMCID: PMC6380098
7. Khera D, John J, Singh K, Faruq M. Tay-Sachs disease: a novel mutation from India. *BMJ Case Rep.* 2018 Dec 13;11(1). pii: e225916. doi: 10.1136/bcr-2018-225916. PMID: 30567231
8. Dwibedi B, Sabat J, Ho LM, Pati SS, Panda S, Kar SK. An outbreak of hepatitis E virus infection caused by genotype 1 in an urban setting in eastern India: a probe into risk factors for transmission. *Virus Disease,* 2018; 29 (4): 544-547. PMID: 30539060 PMCID: PMC6261898

9. Mohanty PK, Som TK, Purkait S, Satapathy AK. Difficult intubation in a neonate: a diagnostic dilemma. *BMJ Case Rep.* 2018 Nov 28;11(1). pii: e224769. PMID:30567083
10. Hari P, Khandelwal P, Satpathy A, Hari S, Thergaonkar R, Lakshmy R, Sinha A, Bagga A.
12. Effect of atorvastatin on dyslipidemia and carotid intima-media thickness in children with refractory nephrotic syndrome: a randomized controlled trial. *Pediatr Nephrol.* 2018 Dec;33(12):2299-2309. PMID: 30091061
11. Kar SK, Dwibedi B, Mogasale VV, Sabat J, Mogasale V, Wierzba TF. Hepatitis E infection in Odisha, India: A descriptive analysis. *Indian Journal of Public Health.* 2018;62 (3):231. PMID: 30232976
12. Tripathy SK, Mishra P, Dwibedi B, Priyadarshini L, Das RR . Clinico-epidemiological study of viral acute encephalitis syndrome cases and comparison to non-viral cases in children from Eastern India. *J Glob Infect Dis.* 2019; 11(1):7-12. PMID: 30814829 PMCID: PMC6380098

PATIENT CARE / HOSPITAL SERVICES

Outpatient Services

General OPD : Average of 90 - 100 patients per day

Specialty clinics : Epilepsy Clinic and Child Guidance Clinic are run in collaboration with Psychiatry department and Nephro - Urology and DSD Clinic with Pediatric Surgery,

Independently run clinics - Pediatric Pulmonology and Asthma Clinic and Adolescent Clinic which see about 15 – 20 patients per clinic day

Indoor services

About 1742 children have been admitted and treated in the inpatient. Many children are also treated and discharged from the emergency services.

AWARDS, HONORS & SIGNIFICANT EVENTS

Dr Joseph John

1. Selected as member of the Indian Academy of Pediatrics, Research Advisory Committee from East Zone for promoting research amongst medical undergraduates, postgraduates and practitioners – IAP Research

Dr. Bhagirathi Dwibedi

1. Nominated as member of Subject review committee (SRC) for PhD in Public health of Utkal University

Dr Samarendra Mahapatro

1. Selected as a Member of National Editorial Advisory Board of the Indian Journal of Paediatrics (2018-2021).
2. Peer reviewer in IAP ALS handbook by Indian Academy of Paediatrics.

Dr. Rashmi Ranjan Das

1. Awarded Travel Grant by Indian Chest Society (ICS) and International Workshop on Lung Health Committee to attend the International Workshop on Lung Health in Nice, France from 17th to 19th January 2019.
2. Elected as National Advisory Board Member of Indian Paediatrics Journal (Official Publication of Indian Academy of Paediatrics) on 6th February 2019.



R Joseph John along with the speakers and chairpersons for the session on "Bites and Envenomations – an update" at PEDICON 2019



Dr Joseph John chairing a session on Neonatal Sepsis at PEDICON 2019



Dr Joseph John conducting a session on Congenital Heart Blocks at the Paediatric ECG workshop at AIIMS Bhubaneswar on February 24th 2019



PAEDIATRIC SURGERY

PAEDIATRIC SURGERY

FACULTY

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

HIGHLIGHTS

The Department of Paediatric Surgery, AIIMS, BBSR conducted the prestigious international Paediatric Surgical Oncology Masterclass (PSOM) 2019 on 11th and 12th January. This was held under the aegis of the leading experts in the field from Europe who abide by and work in close association with the SIOP group (Society of Paediatric Oncology). The masterclass was led by Dr Daniel Aaronson (Netherlands), Dr Robert Carachi (Scotland) and Dr.Kanishka Das(India) . The faculty included international stalwarts in the field - Dr Daniel Aaronson (Netherlands), Dr Robert Carachi (Scotland), Dr Jan Godzinski (Poland), Dr Sabine Sarnacki (France), Dr Srinivas Annavarapu (UK) and reputed national faculty - Dr Sandeep Agarwal (AIIMS,New Delhi), Dr Sameer Bakhshi (AIIMS, New Delhi) & Dr Sajid Quereshi (TMH, Mumbai). This is the third such masterclass in India, the earlier ones being held at AIIMS-Delhi and JIPMER, Puducherry and the first international academic meet at the institute.

There were 65 participants, largely Paediatric Surgery postdoctoral trainees and consultants from various teaching centres across the country and abroad. The program was attended by students and faculty from several specialities at AIIMS Bhubaneswar including Paediatrics, Paediatric Oncology, General Surgery, Pathology and Radiotherapy, either as participants or in the tumour board discussion.

The program concluded with a post test and feedback appraisal. It was highly rated by the participants for the academic content, compact structure and opportunity for detailed discussion on various aspects of paediatric solid tumor. The visiting European faculty have applauded the masterclass as one of the best they have conducted across the world in terms of organisation as well as active participation.

EDUCATION

1. Weekly Paediatric Surgical Nursing dialogues have been initiated to train the staff nurses and nursing students in practical paediatric surgical nursing.
2. Regular classes for MCh students (Seminar/ Journal review/ Case presentation/ Treatment planning/ pediatric radiology)

3. Once monthly Pediatric Surgery & Pathology combined round, where interesting operated cases were discussed and pathology analysed.

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

Dr. Kanishka Das

1. Attended National Neonatology Forum, Odisha State Chapter Annual Conference, Bhubaneswar. He presented a guest lecture - 'Antenatal Hydronephrosis – current guidelines and management'
2. Attended Society of Pediatric Urology Conference 2018, June 2019, Mumbai. And presented a guest lecture – Management of Disorders of Sexual Differentiation
3. Attended 28th International Conference on Spina Bifida & Hydrocephalus, August 10-12, 2018, New Delhi. And presented a guest lecture - 'Bowel management in Spina Bifida'.
4. Attended Annual conference of the Indian Association of Pediatric Surgeons, Oct 25-28, 2018 PGIMER, Chandigarh. And he presented - "Occult spinal dysraphism and tethered cord in children – experience from a spina bifida clinic"
5. Attended 20th Annual Congress of Asia Pacific Association of Pediatric Urologists. Dec 14-16, 2018. and presented a guest lecture - Bowel management in neurogenic bladder: conservative and minimally invasive approach
6. Attended National Paediatric Surgery Update, Delhi, March 7-10,2019. He had CME lectures on
 - a. Hirschsprung disease –Diagnosis and Management,
 - b. Disorders of Sex Differentiation – Diagnosis and Surgical Management,
 - c. He was the quizmaster for the PSU quiz.

Dr. Manoj Kumar Mohanty

1. Attended IAPSCON 2018 (Chandigarh) – Annual conference of IAPS
2. Attended PESICON 2019 (Jodhpur) - Annual conference of PESI- IAPS

Dr Bikasha Bihary Tripathy

1. Attended SOSCON 2018 (Goa) - Annual conference of Surgical Oncology Section of IAPS
2. Attended APAPU 2018 (New Delhi) – 20th Annual congress of Asia Pacific Association of Pediatric Urologists
3. Attended Exstrophy Epispadias Live Operative Workshop (JIPMER, Pondicherry)
4. Attended IAP Odisha PEDICON 2018 – He was a panellist in the panel discussion: Pediatric Surgery: are we aware?

Dr Akash Bihari Pati

1. Attended Exstrophy Epispadias Live Operative Workshop (JIPMER, Pondicherry)
2. Attended 28th International Conference on Spina Bifida & Hydrocephalus (New Delhi)
3. Attended NNF Odisha state branch, Bhubaneswar –
4. He moderated a session on neonatal surgery; discussion on interesting cases
5. IAP Odisha PEDICON 2018 - He was the moderator of Panel discussion: Pediatric Surgery: are we aware?

Dr Subrat Kumar Sahoo

1. Attended IAP Odisha PEDICON 2018 – He was a panellist in the panel discussion: Pediatric Surgery: are we aware?
2. Attended PESICON 2019 – Jodhpur - Annual conference of PESI- IAPS
 - a. Presented a Poster – Our initial experience of SILS appendectomy – a single center review of 32 cases
 - b. Chaired a panel discussion – challenges faced by young pediatric laparoscopic surgeons in India

Dr Santosh Kumar Mahalik

1. Attended SOSCON 2018 (Goa) - Annual conference of Surgical Oncology Section of IAPS
 - a. Presented a case “Undifferentiated embryonal carcinoma of Liver” in tumor board
 - b. Moderated the E-Poster session on pediatric oncology
2. Attended IAPSCON 2018 (Chandigarh) – Annual conference of IAPS
 - a. Presented a poster: Analysis of awareness survey among Indian Paediatricians about common Paediatric Surgical entities
 - b. Moderated an E-Poster Session
3. Attended IAP Odisha PEDICON 2018 –
 - a. He was a panellist in the Panel discussion: Pediatric Surgery: are we aware?

RESEARCH

Funded Projects:

Ongoing:

1. 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 BBSR Duration – 1 year, start year:2018 Funds: Rs. 190,00/-

IEC approval number: IM-F/17-18/48

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 BBSR Duration – 1 year, start year: 2018 Funds: Rs.172,000/-

IEC approval number: T/IM-F/17-18/36

Departmental:

Ongoing:

1. Title of the project. Risk of complications associated with vascular flap coverage of glanular neourethra during primary urethroplasty – A randomized control trial.

Name of the principal investigator: Dr Narahari J. (Guide: Dr Manoj Kumar Mohanty)

Funding agency: None, Duration – 2 years, start year: 2017 Funds: nil

IEC approval number: IEC/AIIMSBBSR/ PG THESIS/ 2017-18/31

2. Title of the project. An analysis of the complications of ventriculoperitoneal shunt in children

Name of the principal investigator: Dr Ramjeewan Singh (Dr Kanishka Das)

Funding agency: None, Duration – 2 years, start year: 2018 Funds: nil

IEC approval number: IEC/AIIMSBBSR/ PG THESIS/ 2018-19/27

3. Title of the project. Prevalence of pancreaticobiliary malformation in patients of choledochal cyst.

Name of the principal investigator: Dr Aditya Manekar (Guide: Dr Bikasha Bihary Tripathy)

Funding agency: None, Duration – 2 years, start year: 2018 Funds: nil

IEC approval number: IEC/AIIMSBBSR/ PG THESIS/ 2018

LIST OF TEXT BOOKS / CHAPTERS

1. Das K. Ch 8. Interpretation - Neonatal Surgery. In: Murki S, Thakre R. chief editors, OSCE in Neonatology. Indian Academy of Pediatrics- Neonatology Chapter.1st ed. New Delhi: Jaypee Brothers Medical Publishers;2018, Pg 241-248.
2. Das K. Ch. 4. Infections. In - Atlas and Synopsis of Neonatology. Indian Academy of Pediatrics- Neonatology Chapter. Thakre R , Murki. chief editors. 2nd ed. New Delhi: Jaypee Brothers Medical Publishers;2018, Pg 113-148.
3. Das K. Ch. 6 Associations-Malformations-Genetic Disorders . In - Atlas and Synopsis of Neonatology. Indian Academy of Pediatrics- Neonatology Chapter. Ed in chief : Thakre R , Murki S. 2nd ed. New Delhi: Jaypee Brothers Medical Publishers;2018, Pg 239-304.

4. Das K. Hirschsprung Disease. In – IAP Textbook of Pediatrics. 7th ed. Indian Academy of Pediatrics. Ed in chief: Menon PSN, Nair MKC. New Delhi: Jaypee Brothers Medical Publishers;2019. Pg 703-706.

PATIENT CARE / HOSPITAL SERVICES (APRIL 2018 TO MARCH 2019)

OPD - Total = 8909 (Average = 742.41/month)

IPD - Total = 715 (Average = 59.58/ month)

OT - Total = 680 (average = 56.66/ month)

AWARDS, HONOURS & SIGNIFICANT EVENTS

1. Dr. Kanishka Das was nominated to be Member of Specialist Board in discipline of Paediatric Surgery at the National Board of Examinations, New Delhi in December 2018.
2. Dr Santosh Kumar Mahalik, was nominated for the American Pediatric Surgical Association (APSA) travel fellowship 2019. He is the first Pediatric surgeon from India to be nominated for the award.



PHARMACOLOGY

PHARMACOLOGY

FACULTY

Dr. Debashish Hota	Professor & Head
Dr. Rituparana Maiti	Additional Professor
Dr. Biswa Mohan Padhy	Associate Professor
Dr. Monalisa Jena	Assistant Professor
Dr. Bikash Ranjan Meher	Assistant Professor
Dr. Anand Srinivasan	Assistant Professor

HIGHLIGHTS

The Department of Pharmacology became officially functional from 20th April 2013. The dept. is currently engaged in postgraduate (MD), undergraduate (MBBS), B.Sc. (Nursing) teaching, B.Sc. (OTAT) and, clinical research. All faculty members were actively participated in teaching theory, practical and tutorial classes. The department had adopted the modern learning methodology that includes computer assisted learning to replace animal experiments for undergraduate practical. Emphasis was given to applied and clinical pharmacology, which as direct bearing on patient care. Students were sensitized and encouraged to get involved in research activities. Presently four MD dissertations and four other research projects are going on. Department has recently obtained permission to start adverse drug monitoring centre (AMC). It is also soon going to start Therapeutic Drug Monitoring and drug information unit soon in the department. During the month of July 2018, the department organized the 2nd National Workshop on R for Basic Biostatistics.

EDUCATION

At present department is involved in postgraduate (MD), undergraduate (MBBS) B. Sc. (Nursing) and, B.Sc. (OTAT) teaching only. All theory, practical and tutorial classes are going on according to schedule. Students are evaluated for their progress periodically in an objective manner using multiple choice questions, short answers covering entire topics including practical exercises.

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

Dr Debashish Hota

1. Participated as Facilitator and expert in the Workshop on Research Ethics and Risk Minimization, in collaboration with Council for International Organizations of Medical Sciences (CIOMS) on 29th April 2018 at Seth GS Medical College & KEM Hospital, Mumbai
2. Participated as Facilitator and Expert in the 11th Annual Conference of the South Asian College

of Clinical pharmacology an Affiliate of American College of Clinical Pharmacology (SAC-ACCP) from 01-02 May 2018 Clinical Pharmacology: Contributing to Global Health and Policies at Mumbai-400018

3. Presented poster titled "Pre-emptive tapentadol on post-operative analgesia following total knee arthroplasty: A randomized double-blind placebo-controlled trial (preliminary report)" at 17th World Congress of the International Association of the Study of Pain (IASP) from September 12-16 2018 in Boston, USA
4. Delivered lecture on Research in resource deficient nations at the Indian Pharmacological Society Golden Jubile Meet, at PGIMER, Chandigarh from 1st Dec 2018 to 3rd Dec 2018
5. Delivered talk on Clinical Research, Road Ahead in India and as a Resource Person in 38th National Workshop Clinical Pharmacology and Therapeutics (NWCPT)-2019 at PGIMER, Chandigarh from **25th Feb 2019 to 2nd March 2019**

Dr Rituparana Maiti

1. Attended workshop on "Research Ethics and Risk minimization" on 29th April 2018 at National Institute For Research In Reproductive Health, ICMR, Mumbai.
2. .Attended workshop on "Prescribing skills- Research, Training and assessment" on 30th April at Seth GS Medical College and KEM Hospital, Mumbai.
3. Attended 11th Annual Conference of the South Asian College of Clinical Pharmacology and affiliate of American College of Clinical Pharmacology (SAC ACCP) at Nehru Centre, Mumbai from 1st-2nd May 2018.
4. Attended 13th European Congress on Epileptology at Vienna, Austria from 26th – 30th August 2018 and presented (platform) a research paper titled "Effect of anti-epileptic drugs on biomarkers of excitotoxic brain damage in focal seizures: A randomized controlled trial".
5. Attended 2nd National Workshop on R for basic biostatistics (NAWORB) held on 25th -27th July 2018 at AIIMS, Bhubaneswar.

Dr Biswa Mohan Padhy

1. Attended National seminar on patient safety and quality held on 8th December 2018 at AIIMS, Bhubaneswar
2. Attended Faculty development program on assessment held on 29th and 30th March 2019 at AIIMS, Bhubaneswar.
3. Delivered lecture entitled "Basic concepts in Biostatistics" in 2nd NAWORB Workshop – 2018, held on 25th to 27th July 2018 at AIIMS, Bhubaneswar.
4. Delivered lecture entitled "Clinical Trial Designs" in Clinico Pharmacon - National Conference on Clinical Trials and Research held on 5th and 6th September 2018 at Sri Ramachandra Medical College, Chennai.

Dr Monalisa Jena

1. Attended 2nd NAWORB – 2018, held on 25th to 27th July 2018 at AIIMS, Bhubaneswar.
2. Attended 14th national workshop on Pharmacogenomics and bioinformatics, held on 24th – 27th October 2018 at JIPMER, Puduchchery.
3. Attended National seminar on patient safety and quality held on 8th December 2018 at AIIMS, Bhubaneswar.
4. Attended Faculty development program on assessment held on 29th and 30th March 2019 at AIIMS, Bhubaneswar

Dr Bikash Ranjan Meher

1. Attended 2nd NAWORB – 2018, held on 25th to 27th July 2018 at AIIMS, Bhubaneswar.
2. Attended National seminar on patient safety and quality held on 8th December 2018 at AIIMS, Bhubaneswar.
3. Attended 2nd Jipmer Research Leadership Mentoring Programme (JRLMP) from 4th to 8th February at JIPMER, Pondicherry
4. Attended Faculty development program on assessment held on 29th and 30th March 2019 at AIIMS, Bhubaneswar

Dr Anand Srinivasan

1. Delivered lecture entitled “R in Biostatistics” in 2nd NAWORB Workshop – 2018, held on 25th to 27th July 2018 at AIIMS, Bhubaneswar.
2. Delivered talk on Clinical Trial Simulation as a Resource Person in 38th National Workshop Clinical Pharmacology and Therapeutics (NWCPT-2019 at PGIMER, Chandigarh from 25th Feb 2019 to 2nd March 2019

RESEARCH

Funded Projects:

Completed:

1. Title of the project: Evaluation of changes in lipid profile, adipokines and hs-CRP in diabetic patients on metformin based oral antidiabetic therapy.

Name of the Principal investigator: Dr Biswa Mohan Padhy

Funding agency: AIIMS, Bhubaneswar (Intramural Grant)

Funds: 3.3 lakhs

IEC approval number: T/IM-F/Pharm/15/06

2. Title of the project: Effect of azilsartan vs telmisartan on insulin resistance and metabolic parameters in patient of hypertension with type 2 diabetes mellitus.

Name of the Principal investigator: Dr Bikash Ranjan Meher

Duration, start year: 1.5 yrs., January 2018

Funding agency: AIIMS, Bhubaneswar (Intramural Grant)

Funds: 3 lakhs

IEC approval number: T/IM-F/17-18/30

Ongoing

1. Title of the project: Effect of levothyroxine on serum adiponectin, insulin resistance and cardiovascular risk in patients with hypothyroidism.

Name of the principal investigator: Dr Rituparna Maiti

Duration, start year: 2yrs, January 2017

Funding agency: ICMR

Funds: 8.06 lakhs

IEC Approval number: T/EM-F/Pharm/14/03

2. Title of the project: A population pharmacokinetic - pharmacodynamic and machine learning study of dose individualization of polymyxin B in critically ill patients.

Name of the principal investigator: Dr Anand Srinivasan

Duration, start year: 1.5 years, August 2018

Funding agency: AIIMS, Bhubaneswar (Intramural Grant)

Funds: 3.5 lakhs

IEC Approval number: AIIMS/BBSR/RC/95/2017

Departmental Projects:

Completed

1. Title of the Project: Efficacy and safety of tapentadol on postoperative pain following total knee arthroplasty- a randomized, double-blind, placebo-controlled trial.

Name of the principal investigator: Debasish Hota

Duration, Start Year: 2.5 years, 2017

IEC Approval No. T/IM-NF/Pharma/02/17

2. Title of the Project: Study of add-on ramelteon therapy on sleep and circadian rhythm disruption in patients with schizophrenia

Name of the principal investigator: Dr Rituparna Maiti

Duration, Start Year: 2.5 years, 2017

IEC Approval No. T/IM-NF/Pharma/01/17

Ongoing

1. Title of the project: Effect of Melatonin on seizure outcome, neuronal damage and quality of life in patients with generalized seizure: A randomized, add-on placebo-controlled clinical trial
Name of the principal investigator: Dr Rituparna Maiti
Duration, start year: 1.5 years, August 2018
IEC Approval number: IEC/AIIMS BBSR/PG Thesis/2018-19/02
2. Title of the project: Evaluation of the impact of a patient safety plan in preventing adverse drug events associated with cancer chemotherapy
Name of the Principal investigator: Dr. Biswa Mohan Padhy
Duration, start year: 2 years, 2018
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2018-19/06
3. Title of the project: Comparison of efficacy and safety of E. coli asparaginase against pegylated asparaginase in patients with childhood lymphoblastic leukemia: A population pharmacokinetic-pharmacodynamic approach.
Name of the Principal investigator: Dr Anand Srinivasan
Duration, start year: 1.5 years, Dec 2018
IEC approval number: IEC/AIIMS BBSR/PG Thesis/2018-19/31
4. Title of the project: A cross sectional study to assess the knowledge, attitude, and practice of materiovigilance among the doctors working in an institute of national importance
Name of the Principal investigator: Dr Bikash Ranjan Meher
Duration, start year: 1 year, August 2018
IEC approval number: T/IM-NF/18/14
5. Title of the project: A Delphi study to identify and find consensus among the doctors for the perceived barriers to report adverse drug reactions in an institute of national importance in India.
Name of the Principal investigator: Dr Bikash Ranjan Meher
Duration, start year: 1 yr, March 2019
IEC approval number: T/IM-NF/18/62

PUBLICATIONS

1. Jena M, Mishra A, Maiti R. Environmental pharmacology: source, impact and solution. Rev Environ Health. 2019 Mar 26; 34(1):69-79. PMID: 30854834
2. Maiti R, Mishra BR, Jena M, Mishra A, Nath S, Srinivasan A. Effect of anti-seizure drugs on serum S100B in patients with focal seizure: a randomized controlled trial. J Neurol. 2018 Nov; 265(11):2594-2601. PMID: 30173303

3. Mishra BR, Sreeraj VS, Dhanashekar S, Maiti R. Donepezil for Compulsive Behavior in Degenerative Dementia: Case Series. *Clin Psychopharmacol Neurosci*. 2018 May 31;16(2):224-227. PMID: 29739139
4. Jena M, Ranjan R, Mishra BR, Mishra A, Nath S, Sahu P, Meher BR, Srinivasan A, Maiti R. Effect of lurasidone vs olanzapine on neurotrophic biomarkers in unmedicated schizophrenia: A randomized controlled trial. *J Psychiatr Res*. 2019 May; 112:1-6. Epub 2019 Feb 12. PubMed PMID: 30782512.
5. Mishra BR, Maiti R, Nath S, Sahoo P, Jena M, Mishra A. Effect of Sertraline, Dosulepin, and Venlafaxine on Non-BDNF Neurotrophins in Patients with Depression: A Cohort Study. *J Clin Psychopharmacol*. 2019 May/Ju. PubMed PMID: 30932945.
6. Meher BR, Balan S, Mohanty RR, Jena M, Das S. Biosimilars in India; Current Status and Future Perspectives. *J Pharm Bioallied Sci*. 2019 Jan-Mar;11(1):12-15. PMID: 30906134
7. Meher BR. Materiovigilance: An Indian perspective. *Perspect Clin Res*. 2018 Oct-Dec;9(4):175-178. PMID:30319948
8. Meher BR, Agrawal K, Padhy BM. The Global Perspective of Pharmacovigilance in Nuclear Medicine Practice. *Indian J Nucl Med*. 2018 Oct-Dec;33(4):269-272. PMID: 30386045
9. Padhy BM, Meher BR. Seeding trials: Marketing gimmick or credible scientific research. *Indian J Anaesth*. 2019 Mar;63(3):235-238. PMID: 30988540
10. Kakkar AK, Padhy BM, Sarangi SC, Gupta YK. Methodological Characteristics of Clinical Trials: Impact of Mandatory Trial Registration. *J Pharm Pharm Sci*. 2019;22(1):131-141. PMID: 31013015



PHYSICAL MEDICINE
&
REHABILITATION (PMR)

PHYSICAL MEDICINE & REHABILITATION (PMR)

FACULTY

Dr Jagannatha Sahoo

Associate Professor

Dr Apurba Barman

Associate Professor

HIGHLIGHTS

The Department of Physical Medicine & Rehabilitation has established itself as a centre for comprehensive rehabilitation, catering to patients from all parts of Odisha and the neighbouring states. Comprehensive rehabilitation facility of the Department has prevented many needy patients from going to many expensive centres outside the state for the same. The Department has been providing quality outpatient and inpatient care for locomotor disability and neuro-rehabilitation with all the available resources during the last year. The Department has already earned a place for itself in 'point of care' centre among the select few in India for the rehabilitation surgery and neuro-rehabilitation. The faculty, senior and junior residents have been active academically, attending various conferences and workshops, delivering lectures and sharing their experiences and interacting with renowned National and International experts to keep abreast with the latest developments in the field of Physical Medicine & Rehabilitation.

The Department is running out-patient services daily. During April 2018- March 2019, Total 24,093 patients with various disabilities were seen in Physical Medicine & Rehabilitation Outdoor. Department is regularly admitting Inpatients (Indoor) for deformity correction surgery and rehabilitation of patients with neurologic disorder (Hemiplegic, paraplegia, Tetraplegia, Cerebral Palsy), musculoskeletal and loco motor disorders. During April 2018 - March, 2019, total 331 patients were admitted in Physical Medicine & Rehabilitation Ward. Total 331 major rehabilitation surgeries and 228 pain interventions were done. Department is also performing regularly various outdoor procedures like pain intervention procedures (Nerve block, Intraarticular injections, dry needling, Prolotherapy etc.), serial casting, Botox injection for spasticity and total contact casting for diabetic foot ulcer at outdoor itself. Last year, total 664 outdoor procedures were done. Besides, Department has fully fledged Physiotherapy Section, which provides all kind of physical therapy on daily basis. Last Year, 18,711 patients attended physiotherapy section.

Dr. Jaganatha Sahoo, Head of the Department was appointed as Academic committee member by Swami Vivekanand National Institute of Rehabilitation Training and Research on 10.08.2018. The Department has been striving hard for last 6 years towards the goal of being a centre of excellence in the field of Physical Medicine & Rehabilitation while still waiting for the much needed support in terms of Departmental insufficient place for rehabilitation, technical staffs with a steady rise in outdoor and indoor attendance.

EDUCATION

The Department is actively involved in providing quality undergraduate and postgraduate teaching. Regular theory classes, as and when allotted, are carried out by the entire faculty. Apart from regular undergraduate teaching, seminars are held twice every week in the form of journal club, case presentations and topic seminars for the Postgraduate trainee and senior residents. Besides, nursing staffs and patients' education program regarding nursing care, home program and community-based rehabilitation are also held in the department from time to time.

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

Dr. Jagannatha Sahoo

1. Attended as a faculty in "workshop on Skill development on rehabilitation surgery at Swami Vivekanand National Institute of Rehabilitation Training and Research, Cuttack from 10.04.18 to 12.04.18 and demonstrated two live surgeries for the delegates and taken lecture for the delegates.
2. Attended cadaveric workshop on "Advanced Knee Arthroscopy" from 13.04.18 to 15.04.18 at Sri Ramachandra Medical College and Research Institute, Chennai.
3. Attended as external examiner for Prosthesis and Orthosis students of Swami Vivekanand National Institute of Rehabilitation Training and Research, Cuttack.
4. Attended as faculty and delivered a lecture on "Lower Limbs Orthosis" for Orthopaedic Post Graduate Students on 12/05/18 at East Zonal Post Graduate Training Programme, organised by Sriram Chandra Bhanj Medical College & Hospital 12 -13 May, 2018.
5. Attended as faculty and delivered a lecture on tourniquet using total knee replacement in Odisha Arthroplasty Association Continuing Medical Education Program on 13/06/18
6. Attended as a faculty at 2nd Odisha Arthroplasty conference on 25.08.2018.
7. Attended as a delegate in Annual Conference of Indian Arthroscopy Society, 2018 at Calicut Kerala from 5-7 November, 2018.
8. Attended as a faculty and demonstrated knot tying Procedure for the Post Graduate Students of Orthopaedics in Conference of Odisha Arthroscopy Society, 2018 at Bhubaneswar from 3-4 November, 2018.
9. Attended as delegate in Odisha Orthopaedics Association Annual Meet at Berhampur from 12-13 January, 2019.
10. Attended as faculty at Annual Conference of Indian Association of Physical Medicine & Rehabilitation, 2019 from 16-20 January, 2019 and demonstrated "Rehabilitation Surgery on Adductor tenotomy" on 16 January, 2019.

11. Attended as a resource person in training programme for nursing official organised by Human Resource Development Cell, All India Institute of Medical Sciences, Bhubaneswar on date 23.01.2019 on topic Ergonomics.
12. Attended a sensitization programme on 2/3/2019 at All India Institute of Medical Sciences, Bhubaneswar
13. Attended as a faculty for post graduate crash course 2019 for orthopaedics Post graduate trainees on 23rd –24th march at Sriram Chandra Bhanj Medical College & Hospital.
14. Attended Continuing medical education on “Faculty development programme for Assessment” at All India Institute of Medical Sciences, Bhubaneswar, Bhubaneswar on 29th March, 2019.

Dr. Apurba Barman

1. Participated in the Workshop on Electrodiagnosis in Mid-term Conference of Indian Association of Physical Medicine & Rehabilitation on 13 September, 2018.
2. Attended as faculty in Mid-term Conference of Indian Association of Physical Medicine & Rehabilitation on 14-15 September, 2018 at Christian Medical College, Vellore, Tamilnadu.
3. Attended hands on cadaveric workshop on interventional Pain intervention as part of “34th Annual Conference of Indian Society for Study of Pain” 31st January, 2019
4. Attended as delegate in the “34th Annual Conference of Indian Society for Study of Pain” 1-3 February, 2019 at National Institute of Mental Health and Neuro-sciences, Bengaluru and presented a scientific paper in the conference.
5. Attended as external examiner for formative assessment 2019 for Diplomate of National Board, Physical Medicine & Rehabilitation, Post Graduate students at Swami Vivekanand National Institute of Rehabilitation Training and Research, Cuttack on 26th February 2019.
6. Attended “Workshop on Effective Medical Literature Search” on 27th April 2019 at All India Institute of Medical Sciences, Bhubaneswar.

RESEARCH

Funded Projects:

Ongoing :

Title of the project: “Injection Botulinium Toxin-A administration in para spinal 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, start year: 2017 Funds: Rs. 3,00,000/-

IEC approval number: T/IM-F/17-18/49

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

Funding agency: All India Institute of Medical Sciences, Bhubaneswar

Duration, start year: 2018 Funds: Rs. 4,00,000/-

IEC approval number: T/IM-F/18-19/49

Completed:

1. Title of the project. "Role of intra-articular Platelet Rich Plasma (PRP) and Methyl Prednisolone acetate injections in Adhesive Capsulitis"

Name of the principal investigator: Dr Apurba Barman

Funding agency: All India Institute of Medical Sciences, Bhubaneswar

Duration, start year: 2016

Funds: Rs. 2,00,000/-

IEC approval number: T/IM-F/PMR/15/24

PUBLICATIONS:

1. Jain M, Tripathy PR, Manik R, Tripathy S, Behera B, Barman A. Short term effect of yoga asana - An adjunct therapy to conventional treatment in frozen shoulder. J Ayurveda Integr Med. 2019 Mar 14. pii: S0975-9476(18)30654-5. doi: 10.1016/j.jaim.2018.12.007. [Epub ahead of print] PMID: 30878219

PATIENT CARE / HOSPITAL SERVICES

Physical Medicine & Rehabilitation OPD

Total Physical Medicine & Rehabilitation OPD patients: 24,093

Total OPD Procedures: 664

Total number of Patients attending Physiotherapy Section: 18,711

Botox Injection: 28

Serial Casting: 268

Pain intervention (Nerve block, Intra-articular injection etc): 228

Physical Medicine & Rehabilitation IPD

Admission in Physical Medicine & Rehabilitation Indoor Ward: 331

Rehabilitation Surgeries in Physical Medicine & Rehabilitation

Major Surgeries: 155

Pain Intervention under Fluoroscope: 27



PHYSIOLOGY

PHYSIOLOGY

FACULTY

Dr. Sushil Chandra Mahapatra	Professor & Head
Dr. Pranati Nanda	Additional Professor
Dr. Manisha Kar	Associate Professor
Dr. B. N. Rao	Associate Professor
Dr. Priyadarshini Mishra	Associate Professor
Dr. Amit Ghosh	Associate Professor
Dr. Manish Goyal	Associate Professor
Dr. Kalpana Barhwal	Assistant Professor
Dr. Nibedita Priyadarsini	Assistant Professor

HIGHLIGHTS

The department of Physiology at AIIMS Bhubaneswar is mandated to undertake research in basic Physiology to bridge the hiatus in existing knowledge on physiological responses of human systems and applied research to medical diagnosis and therapy. Four MD students joined the department in January Session 2019. The Department imparts Post-Graduate teaching-learning process through conduction of 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, which is a need of the day. In this way the Department contributes to the bigger goal of generating highly competent human resource in the arena of Medical Education and Research. The faculty members are actively engaged in various extramural and intramural research projects. Various funding agencies namely ICMR, DST, National Tea Research Foundation have funded for the research projects. Undergraduate students also undertake various STS projects sponsored by ICMR under the guidance of faculty members. The department also provides following health-care services: Electroencephalography (EEG), Pulmonary Function tests (PFT), Autonomic Function Test (AFT), Pain and Palliative Care Clinic in collaboration with Department of Anaesthesiology, Nerve Conduction Study (NCS/EMG/EP) and Intraoperative Neurophysiological monitoring.

EDUCATION

1. 100 undergraduate students (MBBS) were admitted for the academic year 2018-2019, through All India Common Entrance Examination, conducted by AIIMS, New Delhi. The students represent a national character, with all India regional representation. Regular Physiology theory as well as practical classes started with effect from 16 Aug 2018.
2. The curriculum, examination pattern, marking scheme and the absentee rules is newly introduced by AIIMS, Bhubaneswar. As per curriculum there is a provision of monthly test of MBBS students

which is being held every third week of Monday by the Department of Physiology. In addition to above, 1st End Semester was held on 08.12.2018 and 2nd End Semester on 10.06.2019.

3. All the faculty members of the Department of Physiology are involved in Undergraduate MBBS, B. Sc. Nursing (Hons) and Paramedical lectures, tutorials, practical classes and also conducting internal examinations.
4. Four P.G students were admitted in the January session year 2019 through All India Common Entrance Examination, conducted by AIIMS, New Delhi. Teaching Schedule for the whole year has been prepared which includes Seminars, Journal Clubs, Group Discussions and Practical.

CMES/WORKSHOPS/SYMPOSIA/NATIONAL AND INTERNATIONAL CONFERENCES

1. Dr. S. C. Mahapatra attended conference on Yoga and Psycho physiological Health at Central University of Gujarat Section -30, Gandhinagar from 10.04.2018 to 12.04.2018.
2. Dr. S. C Mahapatra attended Workshop on Physiology Education workshop 2018 : IUPS Initiative at Govt. Medical College Kozhikode, Kerala from 15.11.2018 to 17.11.2018.
3. Dr. S. C. Mahapatra attended 7th International Conference on Nutrition, Food Science and Technology from 06.03.2019 to 10.03.2019 at London, UK.
4. Dr. Manisha Kar attended NAWORB 2018 (2nd National Workshop on R for Basic Biostatistics) from 25th July to 27th July 2018 at AIIMS, Bhubaneswar.
5. Dr. Manisha Kar attended ICMR workshop series on Physiology Education Workshop: IUPS initiative from 10th November 2018 to 12th November 2018 at NEIGRIHMS, Shillong, Meghalaya.
6. Dr. Manisha Kar attended Techniques in Physiological Sciences 2018 from 5th December 2018 to 7th December 2018 at AIIMS, Delhi.
7. Dr. B. N. Rao attended NAWORB 2018 (2nd National Workshop on R for Basic Biostatistics) from 25th July to 27th July 2018 at AIIMS, Bhubaneswar.
8. Dr. Priyadarshini Mishra attended Short Term Observership on Intra Operative Neurophysiological monitoring from 01st Feb to 10 Feb 2019 at AIIMS, New Delhi.
9. Dr. Priyadarshini Mishra participated 5th SEARAME International Conference in conjunction with WFME Meeting, 5th IASHE International Conference, and 2nd JIT Seminar and presented a virtual talk on "Dramatics in Medical Education: An Experience of Online Listserv Discussion through Mentoring and Learning Web Sessions of GSMCFAIMER Fellowship Programme" from 5th – 8th May 2018 at Yogyakarta, Indonesia.
10. Dr. Amit Ghosh attended 48th Asian and Pacific Coconut Community COCOTECH Conference, 20 – 26 August 2018, The Berkeley Pratunam Hotel, Bangkok, Thailand.
11. Dr. Manish Goyal attended 4th World congress of Indian society of Chronomedicine and presented his research work "Rhythms in airways and autonomic nervous system" and award session for "young investigator award 2018" from 17-11-2018 to 19-11-2018 held at King George's Medical

University, Lucknow, UP.

12. Dr. Manish Goyal attended workshop on "Ambulatory Blood Pressure monitoring for Clinicians" on 9-03-2019 organized by the Chronomedicine division of Department of Physiology in association with A&D at King George's Medical University, Lucknow, UP. ". He was the instructor for a hands on session on "Simple Interpretation of ABPM COSINOR Analysis" in the workshop
13. Dr. Manish Goyal attended workshop on "Signal Processing, Data Analysis of Electrophysiological Signals and Task Designing through MATLAB and E-Prime" organized by the Department of Physiology from 30-3-2019 to 31-03-2019 at AIIMS Rishikesh. He was the instructor for a hands on session on "opening of various formats of EEG files in MATLAB/EEGLAB" in the workshop.
14. Dr Kalpana Barhwal attended 64th Annual National conference of Association of Physiologists & Pharmacologists of India organized by Department of Physiology and Pharmacology, Maleka Manipal Medical College (MMC) and KMC, Manipal from 29th November 2018 to 01st December 2018. She was awarded with 'Dr B K Anand award' for best paper in Neurophysiology.
15. Dr Kalpana Barhwal presented a paper as invited speaker entitled 'Hypobaric hypoxia induced demyelination: a challenge for sacrosanct prophylactic use of Acetazolamide at high altitude' in 36th International conference of Neuroscience and Annual meeting of Indian Academy of Neurosciences (IAN) with a theme 'Translational research in improving mental health' organized by Banaras Hindu University (BHU) from 29th – 31st October 2018 by Department of Biochemistry and Molecular biology. She also chaired a session on 'Neurobiology of health and disease: From basics to clinics'.
16. Dr. Nibedita Priyadarsini attended NAWORB 2018 (2nd National Workshop on R for Basic Biostatistics) from 25th July to 27th July 2018 at AIIMS, Bhubaneswar

RESEARCH

Funded Extramural Projects:

Ongoing:

1. Title of the project: Dynamics of the microRNA expression profile in human milk exosome during lactation.
Name of the principal investigator: Dr Amit Ghosh
Funding agency: ICMR
Duration, start year: 2017 to 2019
Funds: Rs. 24,66,950/-
IEC approval number: IEC/AIIMS/2014/02/07/07
2. 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: National Tea Research Foundation(NTRF)

Duration, start year: 2017 to 2021

Funds: Rs. 35, 02,740/-.

IEC approval number: T/EM-F/Physio/15/08

3. 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, start year: 2017

Funds: 10.37 Lakhs.

IEC approval No: T/EM-F/Physio/16/08

Funded Extramural Projects:

Completed:

Nil.

Funded Intramural:

Ongoing:

1. Title of the project: A multiparametric approach to assess early onset of arterial stiffness in apparently healthy individuals

Name of the principal investigator: Dr Manisha Kar

Funding Agency: AIIMS Bhubaneswar

Duration, start year:1 Year, January, 2017

Funds: Rs. 4, 00,000/-.

IEC approval NoT/IM-F/Physio/15/18

2. Title of the project.: Correlation between serum zinc and NMDA receptor peptide subunits in newly diagnosed epileptic patients-A pilot study.

Name of the principal investigator: Dr. B. Narasimha Rao

Funding agency: AIIMS, Bhubaneswar

Duration, start year: 2017

Funds: Rs. 2,16,000

IEC approval number: IMF/10/2017,Dated 12thSeptember, 2017.

3. Title of the project. Serum phosphorylated tau and amyloid beta levels in adults with intermittent hypoxia due to obstructive sleep apnea

Name of the principal investigator: Priyadarshini Mishra

Funding agency: AIIMS Bhubaneswar Duration – 1 year start year: 2018

Funds: Rs. 3,62,000/-

IEC approval number: IMF/06/2018.

4. Title of the project: To study the association of arterial stiffness and biochemical correlates of cerebral hypoperfusion with treatment resistant major depressive disorder (MDD) in middle aged population

Name of the principal investigator: Dr Kalpana Barhwal

Funding agency: AIIMS Bhubaneswar Duration – 1 year start year: 2018

Funds: Rs. 2,47,000/-

IEC approval number: T/IM-F/18-19/02

5. Title of the project. "Association of NF-kB-miR146a expression with nerve conduction studies in diabetic peripheral neuropathy patients" A pilot study.

Name of the principal investigator: Nibedita Priyadarsini

Funding agency: AIIMS Bhubaneswar Duration – 1 year start year: 2018

Funds: Rs. 2,59,205/-

IEC approval number: T/IM-F/18-19/16

Funded Intramural:

Completed:

1. Title of the project. Targeting the cancer associated miRNA by Lauric acid.

Name of the principal investigator: Dr. Amit Ghosh

Funding agency: Intramural Duration - start year: 2017-2018

Funds: Rs. 4,06,000.00

IEC approval number: T/IM-F/17-18/2

Non Funded Intramural:

Ongoing:

1. Title of the project. "Determination of effect of sleep duration and sleep quality on arterial stiffness in apparently healthy individuals"

Name of the principal investigator: Dr. Manisha Kar

Funding agency: Non funded, intramural

Duration, start year: 2018

Funds: none

IEC approval number: T/IM-NF/physio/17/43

2. Determination of cardiovascular reactivity in response to laboratory mental stressors in healthy, young women during different phases of menstrual cycle using heart rate variability (HRV)
PG thesis
Guide: Dr Manisha Kar
Start year: 2018
Funds: none
IEC approval no. : IEC/AIIMS BBSR/PG Thesis/2018-19/04
3. Title of the project: Recording of nerve conduction velocity and evoked potentials in local population
Name of the principal investigator: Dr. Manish Goyal
Funding agency: N.A
Duration, start year: January, 2018
Funds: NA
IEC approval number: T/IM-NF/Physio/17/21
4. Title of the project: 1.Study of circadian rhythm of attentional processes of brain using event related potential.
Name of the principal investigator: Dr. Manish Goyal
Funding agency: N.A
Duration, start year: Jul 2018
Funds: NA
IEC approval number: T/IM-NF/Physio/18/07
5. Title of the project: Effect of sympathetic nervous system stimulation of spirometric indices.
Name of the principal investigator: Dr. Manish Goyal
Funding agency: N.A
Duration, start year: Sep 2018
Funds: NA
IEC approval number: T/IM-NF/Physio/18/21
6. Title of the project: Circadian rhythm of spirometric indices and autonomic function parameters in healthy subjects.
Name of the principal investigator: Dr. Manish Goyal
Funding agency: N.A
Duration, start year: Oct 2018
Funds: NA
IEC approval number: T/IM-NF/Physio/18/38

Non Funded

Completed:

1. Title of the project: Determination of arterial compliance of young women during different phases of menstrual cycle at rest and in response to laboratory stressor

Guide: Dr.Manisha Kar

Duration, start year: 2018, 2 months

Funds: none

IEC approval number: IEC/AIIMS BBSR/STS_UG/2018-19/03

Collaborative projects:

Ongoing: Nil.

Collaborative projects:

Completed:

1. Title of the project: Study of the effect of low frequency noise on human EEG signal before and after active control.

Name of the principal investigator: Dr. Pranati Nanda.

Funding agency: CSIR IMMT.

Duration, start year: 5 years, 2014

Funds: Rs. 25 lakh.

IEC approval number: T/EM-F/Physio/14/09

PUBLICATIONS:

List of papers published in Journals:

1. Bagha S, Tripathy RK, Nanda P, Preetam C, Das DP. Understanding perception of active noise control system through multichannel EEG analysis. Healthcare Technology Letters. 2018 Apr 6
2. Vardhan BS, Kar M, Mahapatra S C. Unravelling early onset of atherosclerosis in young asymptomatic individuals using physiological parameters – a way forward. Indian J of Community and Family Medicine 2018; 4 (1): 81-85.
3. Goyal M, Goel A, Verma N, Tiwari S. Cosinor Analysis of Circadian Rhythm of Peak Expiratory Flow in Young Adults. IJPP. 2019;63(1):99-103

List of abstract published in journals:

1. Nanda P, Swain D, Panigrahi M, Mishra P, Nandini R, Effect of Sudarshan Kriya on Pulmonary Function of students in Stress Indian J PhysiolPharmacol 2018; 62(5): supplementary, OR 19.

2. Kar M, Menon A, Panigrahi M, Singla A, Bag Deep N, Mahapatra S C. A correlation study of structural, physiological and biochemical markers of arterial stiffness in apparently healthy individuals. *Indian J PhysiolPharmacol* 2018; 62(5): supplementary, OR 19.
3. Trivedy S, Goyal M, Mishra M, Verma N, Mukherjee A. Classification of Spirometry Using Stacked Autoencoder based Neural Network. Feb. 2019 IEEE International Instrumentation and Measurement Technology Conference (I2MTC) .
4. Sharma D, Barhwal KK, Biswal SN, Srivastava AK, Bhardwaj P, Kumar A, Chaurasia OP, Hota SK. Hypoxia-mediated alteration in cholesterol oxidation and raft dynamics regulates BDNF signalling and neurodegeneration in hippocampus. *J Neurochem.* 2019 Jan;148(2):238-251. PMID:30308090
5. Das D, Biswal S, Barhwal KK, Chaurasia OP, Hota SK. Kaempferol Inhibits Extra-synaptic NMDAR-Mediated Downregulation of TRK β in Rat Hippocampus During Hypoxia. *Neuroscience.* 2018 Nov 10;392:77-91. PMID: 30266684
6. Das SK, Dhar P, Sharma VK, Barhwal K, Hota SK, Norboo T, Singh SB. High altitude with monotonous environment has significant impact on mood and cognitive performance of acclimatized lowlanders: Possible role of altered serum BDNF and plasma homocysteine level. *J Affect Disord.* 2018 Sep;237:94-103. PMID: 29803101
7. Biswal S, Barhwal KK*, Das D, Dhingra R, Dhingra N, Nag TC, Hota SK. Salidroside mediated stabilization of Bcl-x_L prevents mitophagy in CA3 hippocampal neurons during hypoxia. *Neurobiol Dis.* 2018 Aug;116:39-52. PMID: 29723606
8. Dhar P, Sharma VK, Das SK, Barhwal K, Hota SK, Singh SB. Differential responses of autonomic function in sea level residents, acclimatized lowlanders at >3500 m and Himalayan high altitude natives at >3500 m: A cross-sectional study. *Respir Physiol Neurobiol.* 2018 Aug;254:40-48. PMID:29649580
9. Vashishtha V, Barhwal KK, Malhotra VK, Kumar A, Hota SK, Norboo T, Chaurasia OP. Prevalence and risk factors of hypertension in acclimatized lowlanders staying at high altitude for different durations. *J Hum Hypertens.* 2018 May;32(5):359-366. PMID: 29483588

BOOK CHAPTER:

1. Dr. Manish Goyal. Contributed in a book "Review of Physiology", 4th Edition 2019, by S. Manna, Jaypee, INDIA

Patient Care/Hospital Service

1. EEG services for OPD & IPD patients was started by the Department Physiology with effect from 29.04.2014. Dr. Pranati Nanda, Addl. Prof. provides EEG consultation service to the EEG patients assisted by Mr. P. K Das, Lab. Tech. EEG cover has been given to 350 patients during the year 2018-19.

2. Patient care on to terminal ill patients in Pain and Palliative clinic held at AIIMS, Bhubaneswar on every Wednesday morning. Dr. Pranati Nanda, Addl Prof., Dr. Priyadarshini Mishra, Asso. Prof. and Dr. Nibedita Priyadarsini, Asst. Prof. provide consultancy service to 70 patients during the year 2018-19.
3. PFT to OPD referral cases was started by the Department Physiology with effect from December 2015. PFT cover has been given to 187 patients during the year 2018-19.
4. NCV/EMG cover has been provided to the OPD/IPD patients by Dr. S. C Mahapatra, Prof. & Head and Dr. Manish Goyal, Assoc. Prof. assisted by Md. Mazhar Khan. NCV/EMG services has been given to 52 patients during the year 2018-19.
5. Intraoperative Neurophysiological monitoring – Health Care services extended to Dept. of Neurosurgery and Dept. of Orthopedics by Dr. Manisha Kar, Assoc. Prof., Dr. Priyadarshini Mishra, Asso. Prof. & Dr. Manish Goyal, assoc. Prof. assisted by Md. Mazhar Khan. Total cases – 60 patients covered during the year 2018-19.

AWARD, HONOURS AND SIGNIFICANT EVENTS

1. Dr. Manish Goyal has been awarded Young Investigator Award 2018 by Indian society of Chronomedicine during 4th World congress at King George's Medical University, Lucknow, UP.
2. Dr Kalpana Barhwal has been awarded with 'Dr B K Anand award 2018' by Association of Physiologists and Pharmacologists of India during 64th Annual National conference of Association of Physiologists Pharmacologists of India organized by Department of Physiology and Pharmacology, Maleka Manipal Medical college (MMC) and KMC, Manipal from 29th November 2018 to 01st December 2018.

VISITING SCIENTISTS

1. Dr. Professor Manjunatha S, Research Collaborator/Senior research Fellow of Endocrine Research Unit Mayo Clinic College of Medicine, Rochester MN, US has visited AIIMS Bhubaneswar on 26.02.2019 and a presentation titled on "Effects of Exercise in Young and Old – How and Where Does Exercise Act" discussed with faculty members, residents and P.G students.
2. Dr. Anirban Mukherjee, Associate Professor, Department of Electrical Engineering, IIT Khargpur (W.B) has visited AIIMS Bhubaneswar on 28.02.2019 and have a interactive session with faculty members in the Seminar Room Department of Physiology on "Introduction to systems and Biomedical signals".



PSYCHIATRY

PSYCHIATRY

FACULTY

Dr. Susanta Kumar Padhy	Additional Professor
Dr. Biswa Ranjan Mishra	Associate Professor
Dr. Suravi Patra	Associate Professor
Dr. Shree Mishra	Assistant Professor
Dr. Swapmajeet Sahoo (July-December 2018)	Assistant Professor(Contractual)

HIGHLIGHTS

The department of Psychiatry is fully functional in AIIMS, Bhubaneswar and it is noted for providing services in general adult psychiatry and specialty psychiatry services. The clinical services are being provided in out-patient, in-patient services and special clinics. The Department has catered to 17145 psychiatry patients in this year with an average attendance in the above mentioned time period being 47 (The range remains between 30 to 90 per day). Apart from the OPD services, the department is running a 20 bedded in-patient unit (hiked from 12 in the current year).

In addition, the department is also providing consultation-liaison and emergency psychiatry services. There are four special clinics which are functioning currently viz the Epilepsy and behavior clinic, Sleep Clinic, Child Guidance Clinic and de-addiction services; the patients seeking help for addictive disorders are also managed as a part adult psychiatry too. The Epilepsy clinic and Child Guidance Clinics are run in collaboration with the department of Neurology and Pediatrics while sleep clinic in run with some help from the department of pulmonary medicine. A wide range of seizure disorders are managed in the Epilepsy Clinic. The total number of patients who were managed in our Epilepsy clinic, child guidance clinic, sleep clinics and de-addiction clinics are 1100, 490, 167 and 33 respectively. The figures for de-addiction is low since a majority of the patients needing deaddiction services are also actively seen in the general adult psychiatry OPD.

Till date 413 patients needed admission. The department also has a fully functional ECT unit that provides modified ECT to patients needing them in active collaboration with the department of anaesthesiology.

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

Dr Susanta Kumar Padhy

1. Presented a symposium on "The Rights and Laws related to persons with Mental Illness : International & Indian Scenario" at Annual National Conference of Indian Psychiatric Society (ANCIPS), held at Lucknow, from 31st Jan to 3rd Feb 2019.

2. Presented a symposium on “Mental Health at Workplace: Are we practicing enough in India? at Annual National Conference of Indian Psychiatric Society (ANCIPS), held at Lucknow, from 31st Jan to 3rd Feb 2019.
3. Conducted a workshop on “Brief Interventions in Medically Unexplained Symptoms (MUS): Principles and practical applications” at Annual National Conference of Indian Psychiatric Society (ANCIPS), held at Lucknow, from 31st Jan to 3rd Feb 2019.
4. Presented a paper on “Are Doctor Parents open-minded to understand stress vulnerability model in their offspring’s mental health? at Annual National Conference of Indian Psychiatric Society (ANCIPS), held at Lucknow, from 31st Jan to 3rd Feb 2019.
5. Presented a paper on “Impact of schizophrenia on parenting” at Annual National Conference of Indian Psychiatric Society (ANCIPS), held at Lucknow, from 31st Jan to 3rd Feb 2019.
6. Presented a paper on “Media exposure shaping psychopathology in a Child contributing to diagnostic dilemma” at Annual National Conference of Indian Psychiatric Society (ANCIPS), held at Lucknow, from 31st Jan to 3rd Feb 2019.
7. Presented a paper on “Atypical Presentation of Kluverbucy syndrome in a Young Male child” at Annual National Conference of Indian Psychiatric Society (ANCIPS), held at Lucknow, from 31st Jan to 3rd Feb 2019.
8. Presented a paper on “Profile of subjects attending Children and Adolescents Psychiatry (CAP) clinic at AIIMS, Bhubaneswar at Annual National Conference of Indian Psychiatric Society (ANCIPS), held at Lucknow, from 31st Jan to 3rd Feb 2019.”
9. Presented a paper on “Tofisopam as an alternative intervention in organic catatonia: An open label study” at Annual National Conference of Indian Psychiatric Society (ANCIPS), held at Lucknow, from 31st Jan to 3rd Feb 2019.
10. Department of Psychiatry, AIIMS, Bhubaneswar was represented at World Congress of Psychiatry organized by World Psychiatry Association (WPA) by presenting a paper on “Bridging the mental health gap (mhGAP) in the country: Challenges and opportunities for psychiatrists working in new AIIMSes” .
11. Moderated an invited talk at Rama Devi Women’s University on “Youth psychology and mental health problems in changing times” as a part of World Mental health Week celebration on October 7th, 2018.
12. Delivered key note address on the World Suicide Prevention Day on 10th September 2018, organized at Steel city of Bokaro.
13. Invited as an expert panelist for a panel discussion on “Mental Health at Workplace” organized by Indian Psychiatry Society –East Zone and Central Institute of Psychiatry (CIP), Ranchi, held at Ranchi, on 15th March 2019.
14. Delivered a talk on “follow up and maintenance management of subjects with nicotine dependence at a State level training of medical officers on Tobacco cessation.
15. Presented a paper on usefulness of Digital Technology in the mental health and application of GMHAT: Odisha Experience, held at Jaipur, organised by IIHMR University in association with Indian Council of Medical Research (ICMR), World Psychiatric Association (WPA) and John

Hopkins University, USA

16. Co-organized (with the support of all faculty and staff of department of Psychiatry) a CME on "Institutional rehabilitation: issues and challenges organised by Peoples forum and MHI Cuttack, on 9th March 2019.
17. Co-organised (with the support of all faculty and staff of department of Psychiatry a national CME on Child Sexual Abuse Prevention, held at KIMS, Bhubaneswar.
18. Organised in association with department of CM&FM training the medical officers of Govt of Odisha on Tobacco cessation.
19. Organized (with the support of Dr Swapnajeet Sahoo, all faculty and staff of Department of Psychiatry) in association with college of Nursing, The World Mental Health Day at Mini Auditorium, AIIMS Bhubaneswar in association for a week in the 1st week of October 2018.
20. Invited to chair a session at national CME on "Co-morbidities in Substance use Disorder (SUD)" organised by PGIMER, Chandigarh, held on 14-15th September 2018.

Dr Biswa Ranjan Mishra

1. Organized a CME on "Clinical updates in ADHD", and presented as a key note speaker on "Holistic approach in management of ADHD", on 26th April, 2018, at AIIMS, Bhubaneswar.
2. Participated in the Mid- term CME of IPS, Odisha state branch held on 22nd and 23rd June, 2018 at KIMS, Bhubaneswar and presented as a key note speaker on "EEG for Psychiatrists." CME credit award of 4 hours has been awarded by OCMR.
3. Presented as a key note speaker on "Suicide prevention", in awareness campaign for SUICIDE PREVENTION organized by Manam Foundation in collaboration with Indian Express, on the World Suicide prevention day 10th September, 2018.
4. 4. Delivered a lecture on "Sleep Disorders", in the Inter departmental academic programme organized by Dept. Of Pulmonary Medicine along with Psychiatry, on 26th September, 2018.
5. Presented as a key note speaker on " Experiences so far: AIIMS, Bhubaneswar perspective", in the CME organized by the Dept. Of Psychiatry, AIIMS, Bhubaneswar in collaboration with College of Nursing, CM and FM, on 10th October, 2018, on the occasion of World Mental health day.
6. Presented a guest lecture on "Psychiatric morbidities in Neurological disorders" in the 22nd Annual conference of IPS- Bihar state branch on 6th Jan, 2019 at Patna, Bihar.
7. Conducted a workshop on " EEG- Hands-on-training", in the Department of Psychiatry, IMS and SUM Hospital, Bhubaneswar on 16th Feb, 2019.
8. Participated as a resource person and delivered a lecture on " Overview of Tobacco Addiction", in the State level Tobacco cessation programme, organized by Govt. Of Odisha, and Dept. Of Psychiatry, AIIMS, Bhubaneswar from 26th- 28th March, 2019.
9. Participated as a delegate in the Faculty Development Programme on Assessment organized by the Medical Education Unit on 29th and 30th March, 2019 at AIIMS, Bhubaneswar.

Dr. Suravi Patra

1. Invited as guest faculty for the session 'Psychiatric Evaluation of Children and Adolescents' at 12th Post Graduate Continuing Medical Education, IPS East zone at Assam Medical College and Hospital, Dibrugarh from 16th to 18th Aug 2018.
2. Attended Global Autism Convention from 10th to 12th Dec 2018 at St Johns Medical College, presented paper on: "Autism services at AIIMS Bhubaneswar: New hopes, new horizons."
3. Attended ICMR project review meeting for the extramural funded project titled: Managing depression in diabetes: A multicentre randomized controlled efficacy trial comparing fluoxetine and mindfulness in primary care setting. on 12th and 13th march 2019 at New Delhi.

Dr. Shree Mishra

1. "The 2018 biennial conference of the international marce society for perinatal mental health", from 26-28th Sept 2018, at NIMHANS Bangalore, India.
2. "CME on Prevention of Child Sexual Abuse" on date: 13th April -2019 at KIMS Bhubaneswar, India.
3. "Institutional rehabilitation: issues and challenges" on date: 09th -march-2019 at Bhubaneswar, India.
4. Workshop on "Faculty development Program, AIIMS BBSR" on dates: 29-30th march 2019 at AIIMS Bhubaneswar.
5. Workshop on "Effective medical literature search", on date: 27th April -2019 at AIIMS Bhubaneswar.
6. Workshop on "Application of biostatistics in clinical research" on dates: 22-25th April 2019 at AIIMS Bhubaneswar.

Lecture delivered:

1. State level training of medical officers on Tobacco cessation on dates: 26th to 28th March 2019 at AIIMS Bhubaneswar.
2. Induction of nursing officers: lectures on stress management and burnout; conflict management and handling crisis (Jan, Feb, March 2019) at AIIMS Bhubaneswar.

Dr Swapnajeet Sahoo

(Contractual Assistant professor)(July to December 2019)

1. Dr Swapnajeet Sahoo Delivered a invited talk on " Privacy and Rights of persons with addictive disorders" on 4th November, 2018 in the Mid-Term CME of the Odisha State branch Psychiatric Society.
2. Delivered an invited talk at Rama Devi Women's University on "Youth psychology and mental health problems in changing times" as a part of World Mental health Week celebration on October 7th, 2018.

3. Organized the World Mental Health Week at Mini Auditorium, AIIMS Bhubaneswar.

RESEARCH

Funded Projects:

Ongoing :

1. Title of the project: "Comparison of maintenance ECT versus Clozapine on psychopathology and cerebral hemodynamics in treatment-resistant schizophrenia: A randomized controlled trial".
Funding agency: AIIMS, BBSR, Intramural
Funds: Rs.3, 62,000/-
Duration: Start year: 2018
IEC approval number: T/IM-F/18-19/08
Name of the PI: Dr Biswa Ranjan Mishra
2. Title of the project: Managing depression in diabetes: A multicentre randomized controlled efficacy trial comparing fluoxetine and mindfulness in primary care setting.
Name of the principal investigator: Dr Suravi Patra
Funding agency: Indian Council of Medical Research
Duration: three years, start year: 2018 Funds: Rs. 40,21,700
IEC approval number: TEM-F-/Psy/16/19

Departmental:

Completed:

1. Title of the project: Prevalence and correlates of depression in outpatients with type 2 diabetes mellitus at AIIMS Bhubaneswar.
Name of principal investigator: Dr Suravi Patra
Funding agency: AIIMS Bhubaneswar. Duration: 18 months, start year; 2017, funds: 1,80,000
IEC approval: T/IM-F/Psych/15-23
2. Non-funded: Title of the project: Pathway to care in autism: Service provision for autism in Odisha.
Name of the principal investigator: Dr Suravi Patra
Funding agency: nil Duration: One year, start year: 2017 Funds: Nil, IEC approval number: T/IM-NF/Psych15/2.

Collaborative projects:

1. Title of the project. Long term course and outcome of bipolar disorder: A multicentric study.
Name of the principal investigator: Dr Suravi Patra

Funding agency: nil Duration, start year: 2018 Funds: nil, IEC approval number: T/EMF/Psychi/18-09

PUBLICATIONS

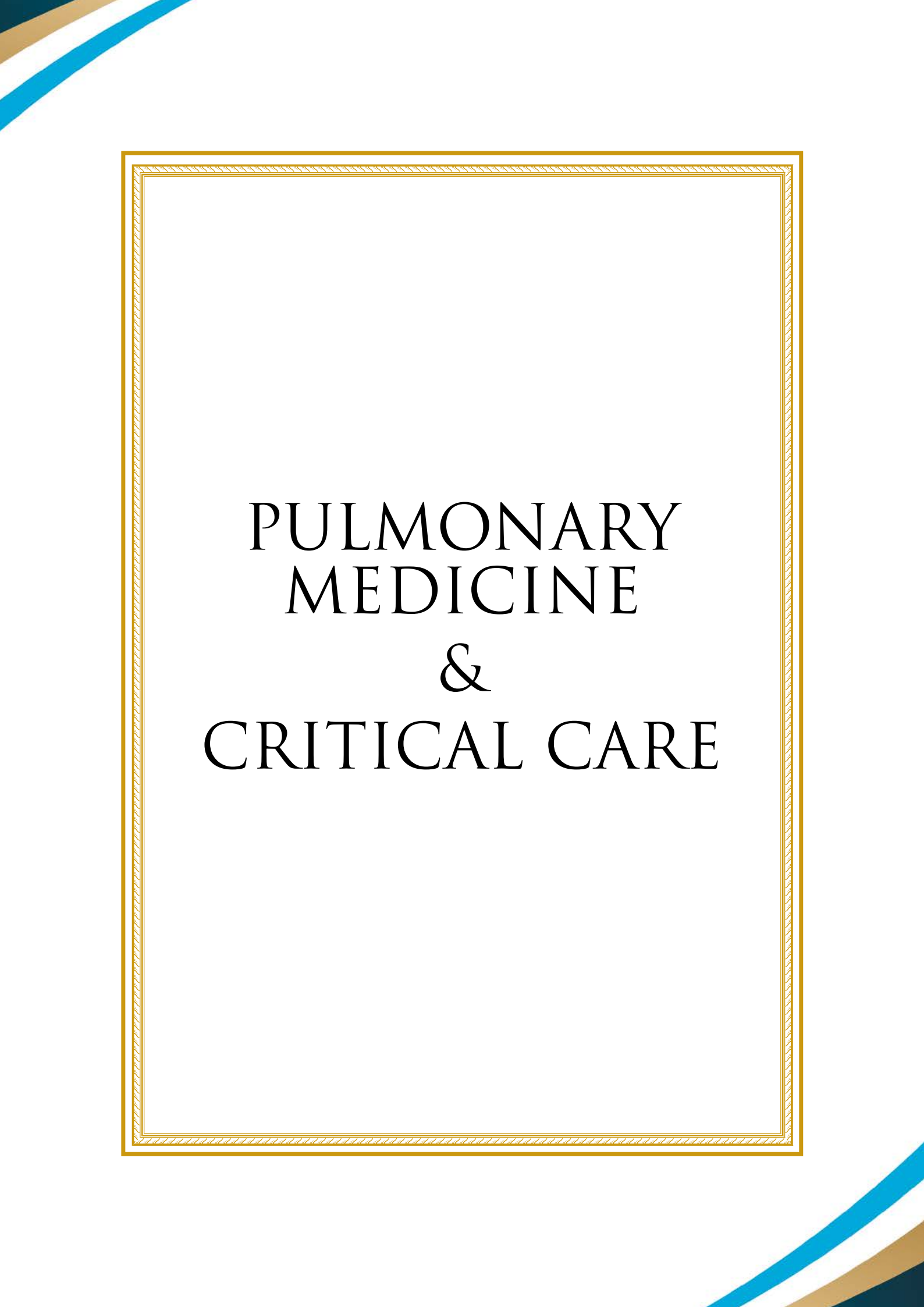
1. SK Padhy, P Sapkota, A Somani. Triparesis: an unusual presentation of factitious disorder. *BMJ Case Reports* CP 12 (5), e226869 (PMID: 31076490)
2. S Sahoo, SK Padhy, B Padhee, N Singla, S Sarkar. Role of Personality in Cardiovascular diseases: An issue which needs to be focused too!. *Indian heart journal* (PMID:30595309)
3. A Kohli, S Sharma, SK Padhy. Authors' Response to the Comments on "Specific Learning Disabilities: Issues that Remain Unanswered". *Indian journal of psychological medicine* 40 (6), 591 (PMID: 30533964)
4. A Kohli, S Sharma, SK Padhy. Specific learning disabilities: Issues that remain unanswered. *Indian journal of psychological medicine* 40 (5), 399 (PMID: 30275613)
5. VL Valaparla, S Sahoo, SK Padhy. Selective mutism in a child with autism spectrum disorder: A case report and an approach to the management in such difficult to treat scenario in children. *Asian journal of psychiatry* 36, 39-41 (PMID: 29960134)
6. A Kohli, S Jhanda, SK Padhy. The utility of modified version of sentence completion test for children and adolescents. *Industrial Psychiatry Journal* 27 (2), 231 (PMID: 31359977)
7. K Gandhi, N Sahni, SK Padhy, PJ Mathew. *Journal of postgraduate medicine* 64 (3), 145. Comparison of stress and burnout among anesthesia and surgical residents in a tertiary care teaching hospital in North India (PMID: 29067929)
8. S Sahoo, SK Padhy, N Singla, A Singh. Psychosis in a child with atypical autism: A Case report and a brief review of the association of psychosis and autism. *Innovations in clinical neuroscience* 15 (3-4), 33 (PMID: 29707425)
9. N Chauhan, SK Padhy, R Shah, S Malhotra. Vitamin D deficiency in children with psychiatric illness in a tertiary care hospital in North India. *Journal of neurosciences in rural practice* 10 (1), 16 (PMID: 30765965)
10. Maiti R, Mishra BR, Jena M, Mishra A, Nath S, Srinivasan A. Effect of anti-seizure drugs on serum S100B in patients with focal seizure: a randomized controlled trial. *J Neurol.* 2018 Nov;265(11):2594-2601. (PMID: 30173303)
11. Pradhan S, Sirka CS, Mishra BR, Mohapatra D. Cutaneous Munchausen syndrome by proxy: A diagnostic challenge for dermatologist. *Indian Dermatology Online Journal* 2018; 9(6):435-437. (PMID: 30505786.)
12. Mishra BR, Das S, Nath S. An adolescent crush or delusion of erotomania? Dissecting the normal from the pathological. *Indian J Psychiatry.* 2019 Jan-Feb; 61(1):107-108. (PMID: 30745668)
13. Jena M, Ranjan R, Mishra BR, Mishra A, Nath S, Sahu P, Meher BR, Srinivasan A, Maiti R. Effect

- of lurasidone vs olanzapine on neurotrophic biomarkers in unmedicated schizophrenia: A randomized controlled trial. *J Psychiatr Res.* 2019;Feb 12;112:1-6. (PMID: 30782512)
14. Patra S. Absolute mRNA levels of inflammatory cytokines as treatment predictors in depression: Time for personalized medicine. *Asian J Psychiatr.* 2018;32:110-111. (PMID: 29222985)
 15. Patra S. Nosology and subtypes of conduct disorder. *Indian J Psychiatry.* 2018;60(2):253-254. (PMID: 30829237)
 16. Patra S, Patro BK. Collaborative care for depression in diabetes: Challenges, opportunities and strategies. *Natl Med J India* 2018; 31(2)124. PMID: (30829237)
 17. Patra S, Nebhinani N, Viswanathan A, Kirubakaran R. Atomoxetine for attention deficit hyperactivity disorder in children and adolescents with autism: A systematic review and meta-analysis. *Autism Res.* 2019;12(4):542-552. (PMID: 30653855)
 18. Kapur V, Nadella RK, Sathur Raghuraman B, Saraf G, Mishra S, Srinivasmurthy N, Jain S, Del Zompo M, Viswanath B. Clinical factors associated with lithium treatment response in bipolar disorder patients from India. *Asian J Psychiatr.* 2019;39:165-168. (PMID: 29636228.)
 19. Mishra S, Nath S, Mishra BR, Pattnaik JI. Euprolactinemic Galactorrhea with Paroxetine: Exploring the Missing Link. *Indian J Psychol Med.* 2019;41(4):395-397. (PMID: 31391677)
 20. Grover S, Sahoo S, Chakrabarti S, Basu D, Singh SM, Avasthi A. ECT in the Postpartum Period: A Retrospective Case Series from a Tertiary Health Care Center in India. *Indian J Psychol Med.* 2018;40(6):562–567. (PMID: 30533953)
 21. Malik YK, Sahoo S, Avasthi A. Olanzapine-induced leucopaenia and thrombocytopenia in an elderly patient: a case report and review of the evidence. *Gen Psychiatr.* 2018;31(2):e000013. (PMID: 30582126)
 22. Ghosh A, Sahoo S, Menon V, Tharayil HM, Thakurdeshai A, Andrade C. Antenatal Depression, Epigenetic Gestational Age, Childhood Psychiatric Symptoms, and the Need to Consider the Possible Effects of Unaccounted Confounders. *J Am Acad Child Adolesc Psychiatry.* 2018 Oct;57(10):796-797. (PMID: 30274657)

AWARDS, HONORS & SIGNIFICANT EVENTS

1. Dr Jigyansa Ipsita Pattnaik received award (third) in the young innovation award category at national CME on “home-based intervention in care of individuals with Schizophrenia” organized by AIIMS, New Delhi in March 2019 .
2. Dr Jigyansa Ipsita Pattnaik selected as Executive member, Indian Psychiatry Society—Odisha State Branch (IPS-OSB).
3. Dr S.A Iddress received Gold Medal in Diplomate of National Board Examination (DNB) Psychiatry

4. Dr Tanay Maiti was awarded early career psychiatrist fellowship of World Psychiatry Association (WPA) at New Mexixo, USA.
5. Dr Swapnajeet Sahoo received Smt. Shweta Tiwari memorial Award for the year 2018 of Indian Association of Geriatric Mental Health at Imphal Manipur on 6th-8th September,2018.
6. Dr. Suravi Patra won the best paper award at the Global Autism Convention, 2018 at Bengaluru.
7. Dr Suravi Patra is the Associate Editor of Indian Journal of Child and Adolescent Mental Health.
8. Dr Susanta Padhy Selected as Organizing Chair for conducting 26th National conference of Indian Association for Social Psychiatry (IASP) 2019 .
9. Dr Susanta Padhy selected as Executive Council Member, Indian Association for Child and Adolescent mental Health (IACAM).
10. Dr Susanta Padhy won national award for best paper (Prof. M. Murugappan Award) for a scientific presentation on "Influence of Religiosity and Spirituality on suicide attempts in patients with first episode depression " for the year 2018 of Indian Psychiatry Society.



PULMONARY
MEDICINE
&
CRITICAL CARE

PULMONARY MEDICINE & CRITICAL CARE

FACULTY

Prasanta Raghab Mohapatra	Professor & Head
Dr. Sourin Bhuniya	Associate Professor
Dr. Manoj Kumar Panigrahi	Associate Professor
Dr. Shakti Kumar Bal	Assistant Professor

HIGHLIGHTS

The department of Pulmonary Medicine and Critical Care has established itself as a centre for comprehensive respiratory care, catering to patients from all parts of Odisha and the neighbouring states. It is also the only department from Eastern India to provide Super speciality degree course in 'Pulmonary Critical Care and Sleep Medicine.' The department is equipped with Endobronchial Ultrasound (EBUS) and 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 department has published eight 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. The Department could start important services like Ultrasound-guided thoracic interventions, Allergen skin test and six-minute walk test for the benefit of patients with respiratory ailments. A 30-bedded comprehensive Respiratory care indoor facility also became functional. During this year, the Department organized two guest lectures by eminent International faculty at the Institute.

EDUCATION

The department is actively involved in providing quality undergraduate and post-graduate teaching. 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.

Super speciality degree course (DM) in 'Pulmonary Critical Care and Sleep Medicine' in the pattern of AIIMS, New Delhi has started from July 2017 and two batches of students have joined this year. Apart from regular bedside clinical teaching, seminars are held thrice every week in the form of Journal club, case presentations and topic seminars for the post graduate students. Besides, inter-departmental education programmes like clinico-pathological meet and radiology meet are also held with the department of Pathology and Radiodiagnosis from time to time. Besides, review of mortality is done on monthly basis, in order to find answers to the unanswered questions and, as a quest to improve the services provided to the patients.

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

Prasanta Raghav Mohapatra, Professor

1. Dr P R Mohapatra attended "EM-PULMOCON-HP – 2018" on 29-04-2018 at IGMC Shimla. He delivered a lecture titled, 'Targeted Therapy in Lung Cancer'.
2. Dr P R Mohapatra attended 'TB Update' on 12-07-2018 at AIIMS Bhopal. He delivered a lecture titled, 'Challenges in management of Extra-Pulmonary Tuberculosis'.
3. Dr P R Mohapatra attended the 38th annual Conference of Odisha APICON from 10-11-2018 to 11-11-2018 at VIMSAR Burla. He delivered a lecture titled, 'Tuberculosis: New Challenges in Diagnosis including CBNAAT'.
4. Dr P R Mohapatra attended the annual IMA day celebrations on 9th March 2019, at Ispat General Hospital, Rourkela. He delivered a lecture titled, 'Newer Diagnosis and Management on Tuberculosis'.
5. Dr P R Mohapatra attended the meeting of Odisha Chest Society on 15.7.2018 at IMA House, Cuttack. He delivered a lecture titled, 'Management of Extra-Pulmonary Tuberculosis'.
6. Dr P R Mohapatra attended the 'White Paper on Adult Vaccination (Joint Guideline by Association of Physicians India (API) including representative form MoHFW, Govt of India) meeting on 16.03.2019 under chairmanship of N K Ganguli (Ex Director General ICMR and Secretary Medical Research Govt of India), at 16.3.2019.
7. Dr P R Mohapatra attended the National Conference on Pulmonary Diseases (NAPCON) 2018 from 29th November to 2nd December 2018, at Ahmedabad. He was a Faculty Chair during the talk on recent advances in immunotherapy of lung cancer. He delivered a lecture on 'Clinical clues of lung cancer diagnoses in the Workshop of the conference. He was also one of the Panellists in the Panel discussion and tumour board for lung cancer workshop during the conference.
8. Dr P R Mohapatra attended the 8th Biennial Conference of the Indian Society for Study of Lung Cancer (ISSLC), from 6th to 7th October 2018, at AIIMS Patna. He was the Moderator for the panel discussion on 'Small Cell Lung cancer'.
9. Dr P R Mohapatra attended the CME by Odisha Chest Society on 25th November 2018, at Cuttack. He delivered a lecture on 'Diagnosis of MDR TB- Clinician's Perspective'.
10. Dr P R Mohapatra attended the 'World TB Day' observation by IMA on 24th March 2019, at IMA House, Bhubaneswar. He delivered a lecture on 'Diagnosis and Management of Tuberculosis'.
11. Dr P R Mohapatra attended the National Conference of Tuberculosis and Respiratory Diseases, 73rd NATCON (73rd National Conference on Tuberculosis and Chest Diseases) from 4th to 6th January 2019, at Nagpur. He was a Panellist for the panel discussion on 'Lung Cancer Management in India'.

12. Dr P R Mohapatra participated the State Conference on Chest Diseases, CHESTCON 2019, Odisha from 13th to 14th January 2019, at Anugul. He delivered a lecture titled, 'Lung Cancer; Recent advances.'
13. Faculty (as panellist in the session on Management of Lung cancer) in National Conference on Management of Thoracic Diseases at institute of Medical Sciences, Bhubaneswar on 2nd March 2019.
14. Dr P R Mohapatra attended the IASLC 19th World Conference on Lung Cancer from 23rd to 26th September 2018, at Toronto, Canada. He presented a paper titled, 'Concomitant EML4-ALK Rearrangement and EGFR Mutation in Non-Small Cell Lung Cancer Patients: Data from Eastern Indian Hospital.'

Dr Sourin Bhuniya, Associate Professor

1. Dr Sourin Bhuniya attended the Workshop on Thoracoscopy and pleural techniques from 16th to 18th April 2018, at CMC Vellore.
2. Dr Sourin Bhuniya attended the IASLC 19th World Conference on Lung Cancer from 23rd to 26th September 2018, at Toronto, Canada. He presented a paper titled, 'Concomitant Plasma-Genotyped T790M Positivity and Small Cell Carcinoma Transformation in EGFR-Mutated NSCLC.'
3. Dr Sourin Bhuniya attended the National Conference on Pulmonary Diseases, NAPCON 2018 from 1st to 2nd December 2018, at Ahmedabad. He delivered a lecture titled, 'E-Cigarettes and future cigarette use – increases smoking initiation or helps as a smoking cessation tool.'
4. Dr Sourin Bhuniya attended the State Conference on Chest Diseases, CHESTCON 2019, Odisha from 13th to 14th January 2019, at Anugul. He delivered a lecture titled, 'Approach to Bronchiectasis.'

Dr Manoj Kumar Panigrahi, Associate Professor

1. Dr M K Panigrahi attended the Second National Workshop on R for Basic Biostatistics from July 25-27, 2018, at AIIMS Bhubaneswar.
2. Dr M K Panigrahi attended the National conference on pulmonary diseases – NAPCON 2018 from 29th -2nd December, at Ahmedabad. He delivered a lecture titled, 'Empirical antifungal therapy in ICU in preventing Invasive fungal infection.'
3. Dr M K Panigrahi attended the National conference on fungal diseases, MYCOCON from 22nd -23rd September 2018, at Delhi.
4. Dr M K Panigrahi attended the 'Methods in Epidemiologic Clinical Observational Research' (MECOR) Level 2 Workshop from January 28th to 2nd February 2019, at Chennai.
5. Dr M K Panigrahi attended the State conference on chest diseases CHESTCON 2019, from 13th - 14th January 2019, at Anugul, Odisha. He delivered a lecture titled, 'Is it the right way to approach post-tubercular obstructive airway disease like COPD?'

Dr Shakti Kumar Bal, Assistant Professor

1. Dr S K Bal attended the Second National Workshop on R for Basic Biostatistics from July 25-27, 2018, at AIIMS Bhubaneswar.
2. Dr S K Bal attended the PG Assembly, ISA East Zone, organized by Dept. of Anaesthesiology & Critical Care, SCB Medical College, on 11th November 2018, at SCB Medical College, Cuttack as a faculty. He delivered a lecture on 'Arterial Blood Gas Analysis.'
3. Dr S K Bal attended the National Allergy Conference, Allergocon 2019, from 10th – 11th January 2019, at CMC Vellore.

Funded Projects

Ongoing :

1. Title of the project: Association of Human Papilloma Virus (HPV) in lung cancer patients and correlations of type of lung cancer with HPV genotypes among smokers and non-smokers
Name of the principal investigator : Prasanta Raghav Mohapatra
Funding agency: Indian Chest Society
Duration, start year: 3 years
Funds: Rs.7lacs
IEC approval number: T/EM-F/Pulm 16/25 dated 10.2.2017
2. Title of the project: Comparison between self-reported smoking and objective assessment of smoking in patients with COPD
Name of the principal investigator: Dr Sourin Bhuniya
Funding Agency: AIIMS Bhubaneswar
Duration: Two years
Funds: Rs. 2,00,000/-
IEC Approval No.: T/IM-F/Pmed/15/32
3. Title of the project: Relationship between the radiologic severity of bronchiectasis and pulmonary hypertension among adults with bronchiectasis
Name of the principal investigator: Manoj Kumar Panigrahi
Funding agency: AIIMS, Bhubaneswar
Duration, start year: 2019
Funds: Rs. 3,77,320/-
IEC approval number: T/IM-F/18-19/04 DATED 22ND JANUARY 2019

Departmental projects:

Ongoing :

1. Title of the project (DM Thesis of Mujeeb Rahaman KK): Comparison of Endobronchial Ultrasound (EBUS) guided transbronchial needle aspiration (TBNA) Cell block versus cytology smear in diagnosis of mediastinal lymphadenopathy in adults
Name of the principal investigator: Dr P R Mohapatra
Name of the funding agency: Not applicable
Duration, start year: 2 years 6 months
Funds: Not applicable
IEC approval No: IEC/AIIMS BBSR/PG Thesis/2017-18/25
2. Title of the project: Morning Testosterone level in male patients with OSAHS compared to those without OSAHS and its relation with apnoea-hypopnoea index, nocturnal hypoxia, obesity and other metabolic parameters – a case control study
Name of the principal investigator: Dr Sourin Bhuniya
Name of the funding agency: Not applicable
Duration, start year: 2018
Funds: Not applicable
IEC approval No: IEC/AIIMS BBSR/PG Thesis/2018-19/17
3. 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 randomized controlled trial.
Name of the principal investigator: Dr Manoj Kumar Panigrahi
Name of the funding agency: Not applicable
Duration, start year:
Funds: Not applicable
IEC approval No: IEC/AIIMS BBSR/PG Thesis/2018-19/28

Collaborative 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 : Prasanta Raghav Mohapatra (Site PI of ICMR multicentric project)
Funding agency: Indian Council of Medical Research
Duration, start year: 2019

Funds: Rs.2 crore

IEC approval number: T/EMF/PulMed/19/01 dated 13.6.2019

PUBLICATIONS BY THE DEPARTMENT

A. List of papers published in Journals:

1. Sahoo S, Panigrahi MK, Bhuniya S, Mohapatra PR. Unusual cause of opaque hemithorax. *Thorax*. 2018 Apr;73(4):395-396. doi: 10.1136/thoraxjnl-2017-210418. Epub 2017 Oct 13. PubMed PMID: 29030408.
2. Panigrahi MK, Pradhan G, Sahoo N, Mishra P, Patra S, Mohapatra PR. Primary pulmonary synovial sarcoma: A reappraisal. *J Cancer Res Ther*. 2018 Apr-Jun;14(3):481-489. doi: 10.4103/0973-1482.204883. PubMed PMID: 29893303.
3. Pradhan G, Bhuniya S, Susama, Patra S, Sahoo N, Mohapatra PR. Lymphoepithelioma-like Carcinoma of Lung: An Important Albeit Uncommon Diagnosis. *Indian J Chest Dis Allied Sci* 2018;60:249-252

B. List of abstracts published in Journals:

1. Concomitant EML4-ALK Rearrangement and EGFR Mutation in Non-Small Cell Lung Cancer Patients: Data from Eastern Indian Hospital. Mohapatra PR, BhuniyaS, Panigrahi MK, Patra S, Mishra S, Purkait S, Dasmajumdar S, Mohakud S, Naik S, Sahoo S, JagatyS, Mohankudo S, Dhanurdhar Y, Panigrahi S, Rahman M, Muduly D. *Journal of Thoracic Oncology*. 2018; 13 (10), S982, 2018.
2. SBRT of Lung Primary After Complete Resolution of Metastatic Disease in Case of EGFR Mutated Adenocarcinoma Lung: A Case Report. Majumdar S, Dhar S, Mishra S, Patra S, Mohakud S, Mohapatra PR, Parida D. *Journal of Thoracic Oncology* 2018;13 (10), S1029-S1030.
3. Metastatic Lung Carcinoma—An Institutional Experience from Eastern India. Mishra S, Das D, Dhar S, Begum N, Das S, Patra S, Mohakud S, Mohapatra PR, D Parida D, Das Majumdar S. *Journal of Thoracic Oncology* 2018. 13 (10), S875.
4. Concomitant Plasma-Genotyped T790M Positivity and Small Cell Carcinoma Transformation in EGFR-Mutated NSCLC S Bhuniya, P Mohapatra, P Mishra, S Patra, M Panigrahi, G Pradhan, Sahoo S, Samal S. *Journal of Thoracic Oncology* 2018. 13 (10), S869.
5. Relationship Between Sleep Quality, Asthma Control and Quality of Life in Adults with Asthma. MK Panigrahi, M Padhan, PR Mohapatra *Am J Resp Crit Care Med* 2018. 197Abstract

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 an average about 100-120 patients visit every day with various respiratory ailments. Besides, special clinics like Sleep

clinic and lung cancer clinic runs on weekly basis. The Pulmonary Medicine ward with 30 beds at H+4 level became functional since October 2018. 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 central ICU 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 and the number of lung cancer patients exceeded 400 in this year. Lung cancer chemotherapy is being administered under the guidance of 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, 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 diagnosis and staging of lung cancer and other non-malignant conditions. The new services started during this year includes:

- Ultrasound-guided pleural and lung mass biopsy
- Ultrasound-guided tube thoracostomy
- Six-minute walk test
- Allergen skin test
- Therapeutic whole lung lavage for Alveolar proteinosis
- Intra-OPD Influenza and Pneumococcal vaccination

Visiting scientists:

1. The Department organized a Guest faculty lecture by an International Medical Oncologist, Dr. Sayed Shahnawaz Ali - Adjunct Associate Professor and Head of Medical Oncology, St. John of Gods Hospital, Midlands, Perth, Western Australia. He delivered a guest lecture titled, 'Stage III Non-small cell lung cancer - progress and challenges, a Medical Oncology perspective' on 3rd January 2019.
2. The Department organized a Guest faculty lecture by an International Nephrologist and Intensivist, Dr. Pramod Kumar Guru - Associate Professor of Medicine, Mayo Clinic College of Medicine, Jacksonville, FL, USA. He delivered a guest lecture titled "Role of Extracorporeal Carbon dioxide Removal in patient with Hypercapnic Respiratory failure" on 21st January 2019

AWARDS, HONORS & SIGNIFICANT EVENTS

Prasanta Raghav Mohapatra

1. Scientific Advisory Committee Member of Regional Medical Research Centre -Indian Council of Medical Research, Bhubaneswar
2. Invited as Member of Project Review on Tuberculosis, Meeting of Implementation Research of ITRC-ICMR (25.4.2018) by ICMR New Delhi
3. Editorial Board Member of the official Journal of the Indian Chest Society 'Lung India'

4. Editorial Board Member of the official Journal of the National College of Chest Physicians (Indian Journal of Chest Diseases and Allied Sciences)
5. Elected as Vice President of Indian Society of Study of Lung Cancer and Executive member of National College of Chest Physicians
6. Elected executive body member of National College of Chest Physicians, Vallabhbhai Patel Chest Institute (VPCI), University of Delhi.
7. Member of formulation of Indian Guidelines for Nebulization Therapy 2018
8. Member of White Paper on Adult Vaccination (Jointly representative from Association of Physician of & MoHFW)

Prasanta Raghab Mohapatra continues to be Fellow of following Scientific Societies

1. Diploma of Fellowship, Fellow of Royal College of Physicians (Glasgow), FRCP(Glasg)
2. Fellow of American College of Chest Physicians (FCCP), USA
3. Fellow of Indian College of Physicians (FICP) - Membership
4. Fellow of National College of Chest Physicians (India), FNCCP
5. Fellow of Indian Association for Bronchology (Life Fellow-016) FIAB
6. Fellow of International Medical Sciences Academy (FIMSA)
7. Fellow of Indian College of Allergy Asthma and Applied Immunology (FCAI)
8. Fellow of Indian Chest Society (FICS)
9. Fellow of Academy of Pulmonary Sciences (FAPS)
10. Member National Academy of Medical Sciences (MAMS)

Dr. Sourin Bhuniya

1. Assistant editor, the Journal of Association of Chest Physicians

Dr. Sourin Bhuniya

Continues to be the Fellow and member of the following Scientific societies:

1. Fellow of the American College of Chest Physician (FCCP)
2. Fellow of the Asian Pacific Society of Respirology (FAPSR)
3. Member of National Academy of Medical Sciences (MAMS)
4. Member of European Respiratory Society (ERS)
5. Member of Indian Chest Society (ICS)
6. Member of National College of Chest Physicians (NCCP)
7. Member of Indian Sleep disorders Association (ISDA)
8. Member of Indian Association of Bronchology (IAB)

- 9. Member of Indian Association of the Study of Lung Cancer (IASLC)

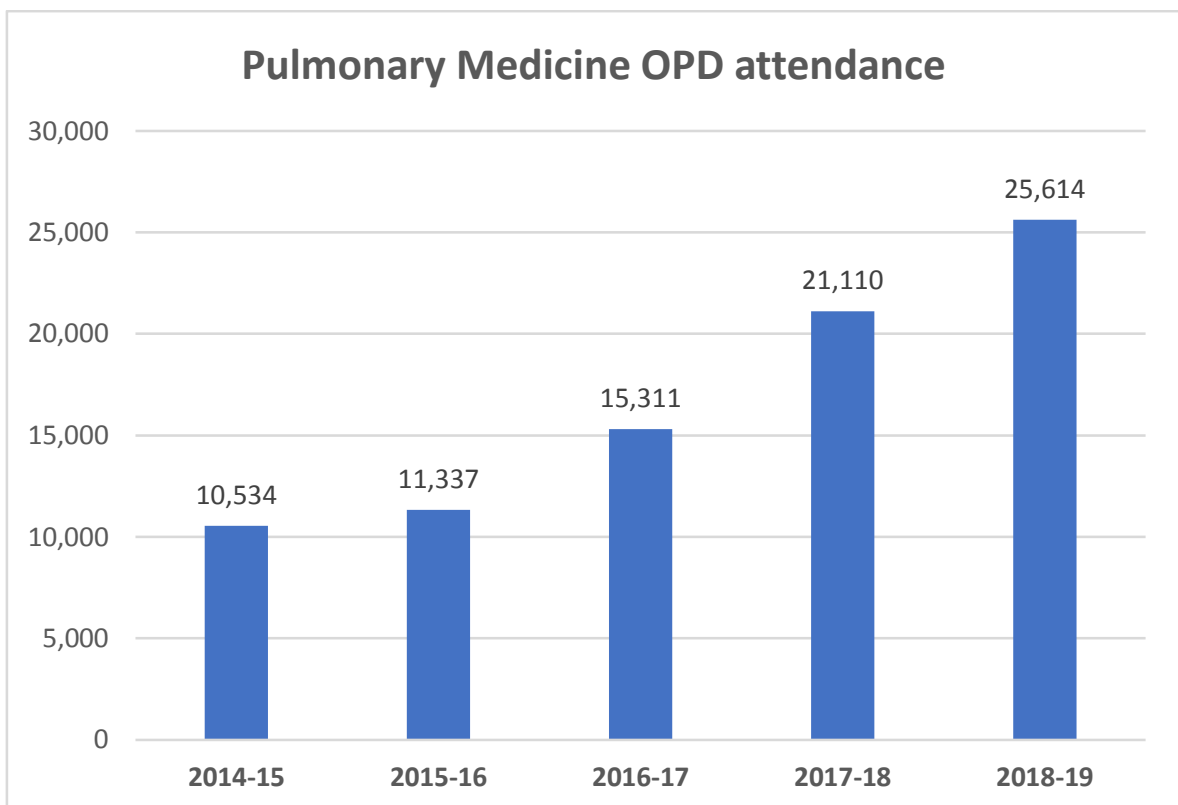
Dr. Manoj Kumar Panigrahi

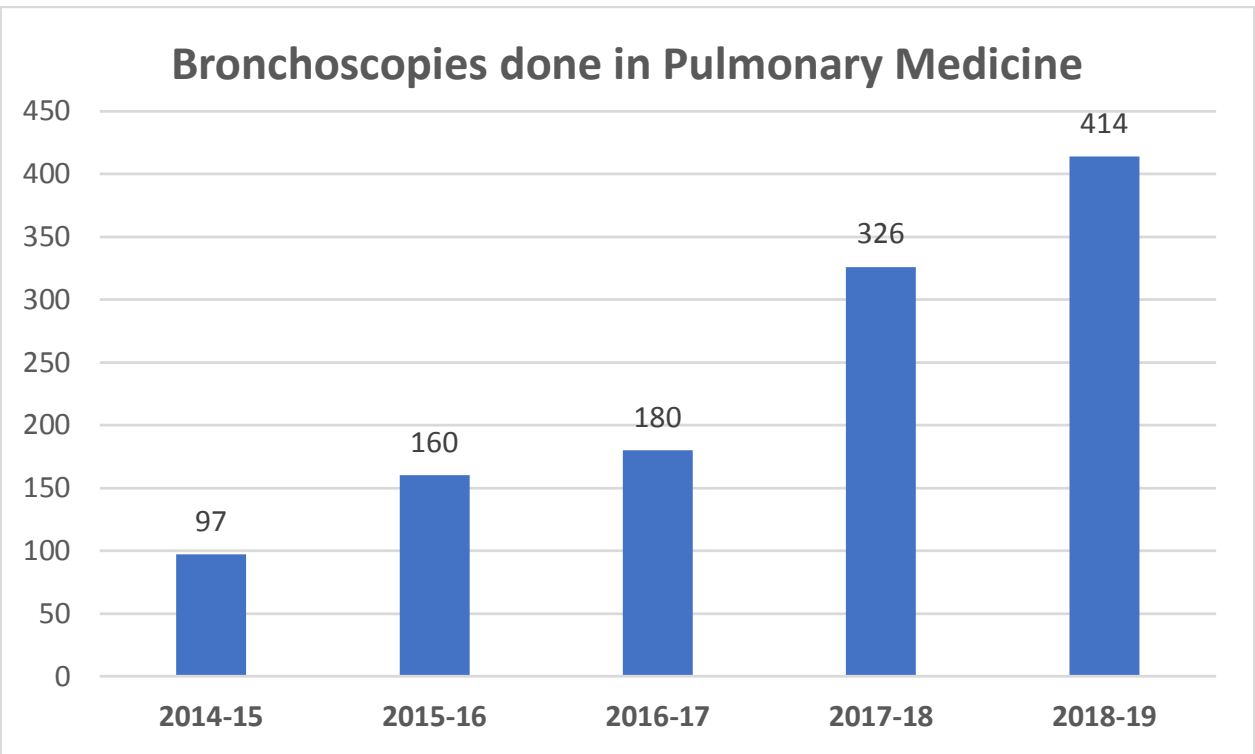
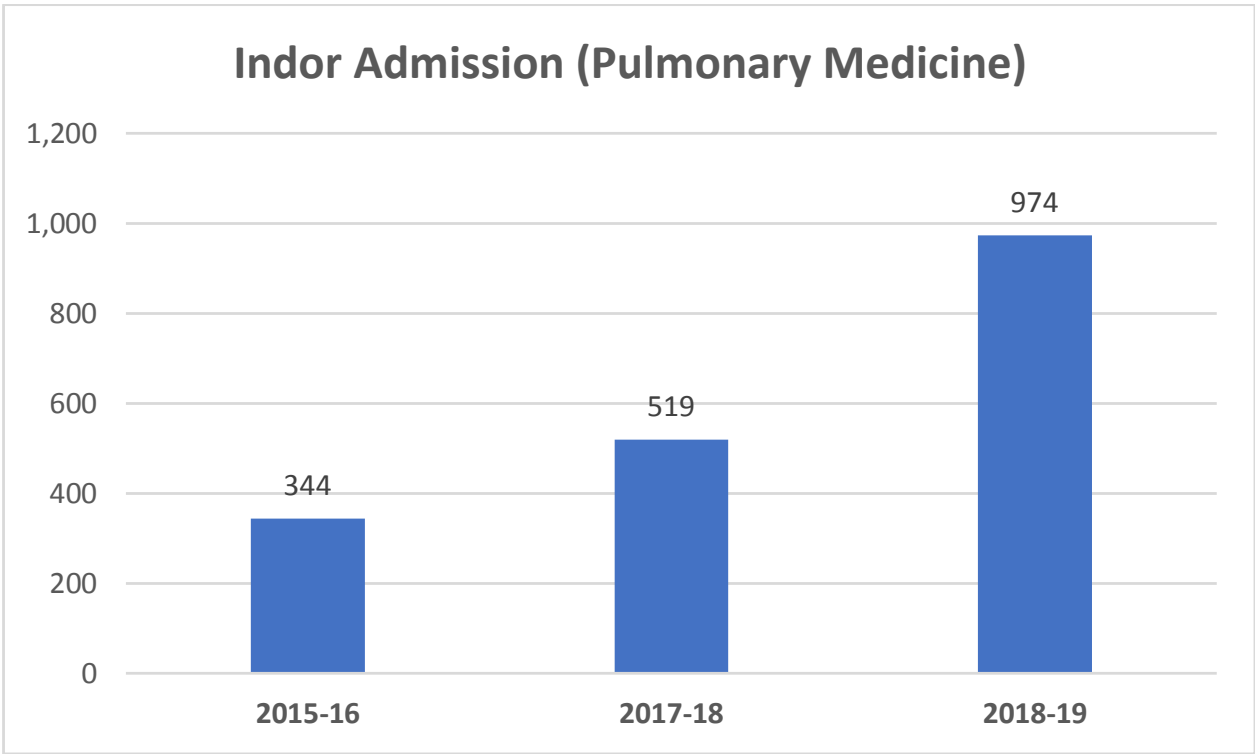
Continues to be the Fellow and member of the following Scientific societies:

- 1. Fellow of the American College of Chest Physician (FCCP)
- 2. Fellow of the Asian Pacific Society of Respirology (FAPSR)
- 3. Member of National Academy of Medical Sciences (MNAMS)
- 4. Member American Thoracic Society
- 5. Member of European Respiratory Society (ERS)
- 6. Member of Indian Chest Society (ICS)
- 7. Member of International Association for Study of Lung Cancer
- 8. Member of European Society of Intensive Care Medicine
- 9. Member of Infectious Disease Society of America
- 10. Member of Indian Society for Study of Lung Cancer (ISSLC)

Dr. Shakti Kumar Bal

Conferred the Diploma in Allergy & Asthma, by Christian Medical College, Vellore & International Asthma Services, USA, 2018



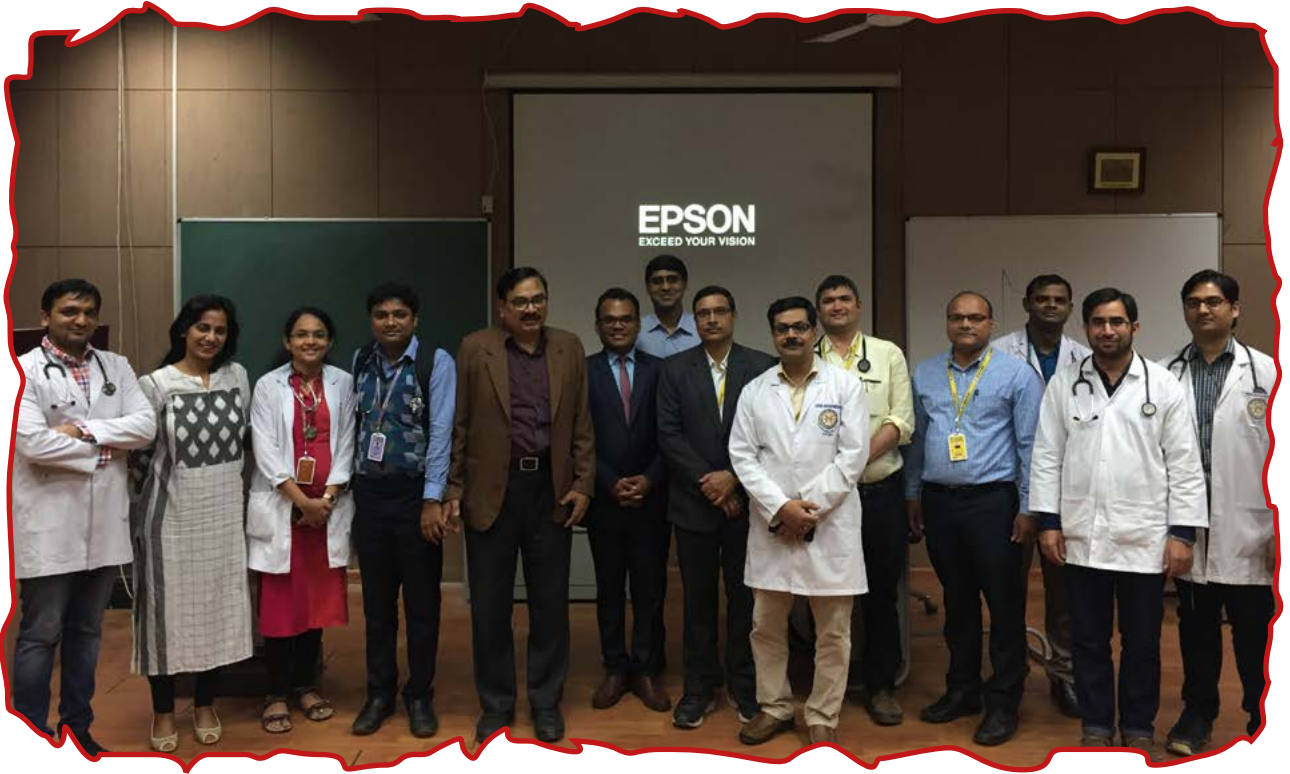




Inauguration of Pulmonary Medicine Ward at H4 level in AIIMS Bhubaneswar on 10th Oct 2018



Participation of P R Mohapatra in forming and finalization of Indian Guidelines on Nebulization Therapy on 3rd & 4th November 2018



Guest Lecture by Dr Pramod Guru, Associate Professor, Mayo Clinic, USA



Guest lecture by Dr Sayed Shahnawaz Ali - Adjunct Associate Professor and Head of Medical Oncology, St. John of Gods Hospital, Perth, Australia



RADIODIAGNOSIS

RADIO DIAGNOSIS

FACULTY

Dr. N Deep (Bag)	Professor and Head
Dr. Suprava Naik	Associate Professor
Dr. Sudipta Mohakud	Assistant Professor
Dr. Mantyu Chhatria	Assistant Professor

HIGHLIGHTS

The Department is well equipped with all state-of-the art facilities for diagnosis & therapeutic purpose. The Department is providing 24 x 7 hrs services to the patients attending AIIMS Bhubaneswar of Odisha as well as from neighbouring states with its advanced & modern equipments.

At present one Professor (HOD) and one Associate Professor and two Assistant Professors are there in the Department of Radiodiagnosis. Nine senior residents and four junior resident (PG student) are also part of the departmental work force. The department is actively engaged in diagnostic & interventional procedures, research & training of (undergraduate, postgraduate, BSc Radiography) students. The various diagnostic procedures performed in the department are mentioned under patient care section.

EDUCATION

At Present the Department is involved in postgraduate (MD), undergraduate (MBBS) and BSC radiography teaching. All theory and practical classes are going on according to schedule. Academic schedule is being followed according to the course curriculum. Regular seminars, case discussions, journal clubs and interdepartmental conferences are going on as per schedule.

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

1. Dr. Suprava Naik attended 3rd international Tuberculous Meningitis (TBM) consortium meeting on 1st March 2019 at Sanjay Gandhi Postgraduate Institute of Medical Sciences, Lucknow.
2. Dr. Suprava Naik attended 58th Annual Conference of National Academy of Medical Sciences (NAMSCON 2018) from 26th to 28th October 2018 at Sri Balaji Vidyapeeth, Puducherry.
3. Dr. Suprava Naik attended 31st Annual conference of Rhinology Society of India, RHINOCON-2018 as invited speaker and delivered a lecture on "MRI of paranasal sinuses" on 6th October at Hotel Mayfair Bhubaneswar.
4. Dr. Sudipta Mohakud attended Faculty development programme on Assessment organised by Medical Education Unit of AIIMS, Bhubaneswar from 29th to 30th March 2019.

5. Dr. Sudipta Mohakud attended as an invited faculty for the 9th foundation course of Neurological Society of India (NSI) organized by the Neurosurgery Department of SCB Medical College, Cuttack, on 12th January, 2019.
6. Dr. Mantyu Chhatria attended CME "Management of chronic calcific pancreatitis associated diabetes" at Swasti premium, Bhubaneswar on 19th dec 2018
7. Dr. Mantyu Chhatria attended CME "Management of cardiovascular risk factor" at Marion Hotel, Bhubaneswar on 4th March 2019.

RESEARCH

Funded Projects (intramural):

Ongoing :

1. Title of the project: Role of multiparametric MRI in differentiating benign and malignant causes of nonspecific gall bladder wall thickening
Name of the principal investigator: Dr Sudipta Mohakud
Funding agency: AIIMS, Bhubaneswar
Duration, start year: 2018 (two years)
Funds: Rs. 229600.00
IEC approval number: T/IM-F/18-19/21
2. Title of the project: MR Imaging of CNS tuberculosis
Name of the principal investigator: Dr Suprava Naik
Funding agency: AIIMS, Bhubaneswar
Duration, start year: 2017 (two years)
Funds: Rs. 3,36,000.00
IEC approval number: T/IM-F/17-18/41

Non-Funded Projects (intramural):

1. Title of the project- Perfusion MRI in Intracranial space occupying lesions
Name of the principal investigator- Dr Suprava Naik
Duration, Start year: 2018 (for two years)
IEC approval number: T/IM-NF/Radiodia/18/35
2. Title of the project- MDCT evaluation of normal variation in thymus size in different ages
Name of the principal investigator- Dr Suprava Naik
Duration, Start year: 2018
IEC approval number: T/IM-NF/Radiodia/18/26

PUBLICATIONS

1. Naik S, Ray B, Mohakud S, Deep N. Pulmonary sequestration with aberrant arterial supply from right renal artery. *Lung India*. 2018 Nov-Dec;35(6):535-536. PMID: 30381571
2. Naik S, Bhoi SK. Association of venous varix and developmental venous anomaly: report of a case and review of literature. *BMJ Case Rep*. 2019 Mar 12;12(3). PMID: 30862669
3. Mohakud S, Juneja A, Lal H. Abdominal cocoon: preoperative diagnosis on CT. *BMJ Case Rep* 2019;12: e229983. PMID: 31154350.
4. Mohakud S, Ray B, Naik S, Deep N. Isolated sacral vertebral hydatid presenting with pathological fracture. *J Neurosci Rural Pract* 2019 (accepted)
5. Barman A, Mukherjee S, Sahoo J, Maiti R, Rao PB, Sinha MK, Sahoo D, Tripathy SK, Patro BK, Bag ND. Single Intra-articular Platelet-Rich Plasma Versus Corticosteroid Injections in the Treatment of Adhesive Capsulitis of the Shoulder: A Cohort Study. *Am J Phys Med Rehabil*. 2019 Jul;98(7):549-557. PMID: 30676339
6. Jain M, Sahu NK, Naik S, Bag ND. Symptomatic Tarlov cyst in cervical spine. *BMJ Case Rep*. 2018 Dec 4;11(1). PMID: 30567194
7. Patra S, Naik S, Jha M. Corpus Callosum Agenesis: Neuroanatomical Model of Autism Spectrum Disorder? *Indian J Psychol Med*. 2019 May-Jun;41(3):284-286. PMID: 31142933
8. Bhoi SK, Naik S, Jha M, Sahu L. Delayed onset dancing hand syndrome following thalamic hemorrhage. *Neurol Sci*. 2019 Jan;40(1):189-191. PMID: 30155652
9. Parija S, Lalitha CS, Naik S. Weber syndrome secondary to brain stem tuberculoma. *Indian J Ophthalmol*. 2018 Jul;66(7):1036-1039. PMID: 29941767
10. Jain M, Sarkar S, Naik S, Behera S. Iliac bone tuberculosis with bicompartamental abscess. *BMJ Case Rep*. 2018 Aug 4;2018. PMID: 30077985
11. Kumar Sinha M, Mohakud S, Mishra TS, Barman A. An Unusual Presentation of Gastric Fistula following Peptic Perforation Repair: A Case Report. *Int J Surg case Rep*. 2019; 56:29-31. doi: 10.1016/j.ijscr.2019.01.032. Epub 2019 Feb 1. PMID: 30818159
12. Singh S, Patnaik A, Sahu RN, Jena SS, Mohakud S, Purkait S. Rare case of meningeal tuberculoma mimicking meningioma in term pregnancy and its management. *Surg Neurol Int* 2018; 9:178. PMID: 30221023
13. Pattnaik SA, Mitra S, Mishra TS, Purkait S, Kumar P, Naik S. A Vasculitis-Associated Neuromuscular and Vascular Hamartoma Presenting as a Fatal Form of Abdominal Cocoon. *Int J Surg Pathol*. 2019 Feb;27(1):108-115. PMID: 29992844
14. Bhoi SK, Naik S, Kalita J, Misra UK. Pellets in the Eye: Cerebral Aneurysm and Encephalomyeloneuropathy as Presenting Syndromes. *J Stroke Cerebrovasc Dis*. 2018 Dec;27(12):3670-3672. PMID: 30078762

List of abstract published in journals

1. Das Majumdar S, Dhar S, Mishra D, Patra S, Mohakud S, Mohapatra PR, Parida D. SBRT of Lung Primary After Complete Resolution of metastatic Disease in Case of EGFR Mutated Adenocarcinoma Lung: A Case Report. J Thorac Oncol.2018;13(10):S1029-S1030.
2. Mohapatra PR, Bhuniya S, Panigrahi M, Patra S, Mishra P, Purkait S, Das Majumdar S, Mohakud S, Naik S, Sahoo S, Jagaty S, Mohankudo S, Dhanurdhar Y, Panigrahi S, Rahman M, Muduly D. Concomitant EML4-ALK Rearrangement and EGFR Mutation in Non-Small Cell Lung Cancer Patients: Data from Eastern Indian Hospital. J Thorac Oncol.2018;13(10):S982.
3. Mishra S, Das D, Dhar S, Begum N, Das S, Patra S, Mohakud S, Mohapatra P, Parida D, Das Majumdar S. Metastatic Lung Carcinoma—An Institutional Experience from Eastern India. J Thorac Oncol.2018;13(10):S875.

PATIENT CARE / HOSPITAL SERVICES:

Various imaging modalities & procedures done in the department are-

1. Ultrasonography & Colour Doppler study - Transabdominal, transvaginal, transcranial, transrectal, High resolution Ultrasonography for musculoskeletal system, thyroid, breast and superficial organs, Doppler USG of carotid, renal and abdominal vessels, upper and lower extremity vessels.
2. CT scan (64 slice and 256 slice) - plain & contrast CT- Abdominal, brain, head and neck, thorax and various other parts. Triphasic CT scans of abdomen, CT angiography of cranial, neck vessel, limb vessel, abdominal, renal, pulmonary angiography, aortogram. Cardiac CT and coronary angiography, CT enterography and Virtual endoscopy.
3. 3-Tesla and 1.5 T MRI scan- MRI of brain & spine, MRCP, Musculoskeletal MRI, MR angiography (cranial, neck vessel, limb vessel, abdominal, renal angiography), MR Mammography, Perfusion MRI, MR spectroscopy, Dynamic contrast enhanced MRI of pituitary and prostate, Fetal MRI, Brachial plexus and Cardiac MRI are being done.
4. State-of-the art Digital mammography with computer added tomosynthesis
5. Biplane Digital subtraction angiography
6. Interventional procedures - USG Guided FNAC, Fluid aspiration, Percutaneous drain placement for diagnostic and therapeutic purpose, CT Guided FNAC, Biopsy, Fluoroscopic and USG guided interventions like Percutaneous nephrostomy and transhepatic biliary drainage and Sclerotherapy under DSA are being done routinely.
7. X ray- routine, emergency and bed side
8. Special investigations like IVU, Barium studies, T TUBE Cholangiogram, nephrostogram, loopogram, RGU, fistulogram. & Sinogram

The department provides 24X7 emergency services for OPD, IPD and ICU patients. Number of investigations performed from april 2018 to march 2019 are as follows.

The department has performed 78120 X-rays, 25986 CT scans, 5066 MRIs, 13792 USGs, 679 interventions and 627 mammographies.



RADIOTHERAPY

RADIOTHERAPY

FACULTY

Prof. Dillip Kumar Parida

Professor & Head

Dr. Saroj Kumar Das Majumdar

Additional Professor

Highlights

High Dose Rate Brachytherapy Commissioned

EDUCATION

1. MBBS
2. B.Sc. Nursing
3. B.Sc. MLT
4. MD Residents
5. Seminars and Bedside clinics
6. Multidisciplinary Cancer Clinics

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

Prof. D. K. Parida

1. Presented "Global Scenario of Cancer with particular reference to India & Odisha", national Health Mission Directorate, Bhubaneswar on the eve of World Cancer Day on 3rd Feb 2019.
2. Presented "Cancer Screening" organized by Women Forum, Bhubaneswar on the eve of World cancer Day on 4th Feb 2019.
3. Panelist on "Sharing Data Protocol; Real World Radiotherapy and management of Algorithms from the Clinic". At RGCON-2019 on 8th to 10th Feb 2019, Delhi.
4. Panelist on Lung Cancer; Thoracic Master Classes at SoA University, Bhubaneswar on 2nd March 2019.
5. Chaired a session on "How to bring up combined Breast cancer Clinics in developing countries" at Best of ASTRO meeting on the 5th and 6th of May 2018, Delhi.
6. Live demonstration of brachytherapy in cancer Tongue at Brachytherapy Workshop on 21st and 22nd Sept 2018, IGMC, Shimla.
7. Organised Rotary-AIIMS collaborative Cancer Awareness and Health Camp, Bantali Village, Puri.
8. Attended CME on Breast Cancer on 27th Oct 2018 at Utkal Institute of Medical Sciences, Bhubaneswar

9. Attended Community Health Program on Cancer Awareness Program organized by Women Forum, Satya Nagar, Bhubaneswar on the eve of World No Tobacco Day.

Dr. S. K. Das Majumdar

1. Chaired a session on "Thoracic malignancy" in Indo-American conference, Bhubaneswar, February 2-4, 2018
2. Chaired a session on "Radiobiology and safety in advanced radiotherapy practices" in National symposium on High precision radiation oncology: Quality and Safety perspectives (HiPRO 2018) on March 24th to 25th 2018, New Delhi.
3. Panelist in the 5th Midterm CME of Paediatric Haematology & Oncology Chapter of IAP on 30th June AIIMS-BBSR.
4. Attended Lung Cancer Conference Yokohama, Japan on the 15th to 18th October 2018.
5. Attended Hospital Based Cancer Registry workshop at Bengaluru on 12th January 2019.

RESEARCH

Funded Extramural Projects

Ongoing

PI: Prof. D. K. Parida

1. Post Marketing Trial (Phase IV) on the Safety, Tolerability and Efficacy of Eribulin Mesylate in Treating Patients with Locally Advanced or Metastatic Breast Cancer. Funding Agency: ESAI Pharmaceutical. Multicentric Trial. Reference No: T/EMF/Radio/17/3

PI: Dr. S. K. Das Majumdar

1. International multicenter randomized double blind phase III trial comparing safety and efficacy of BCD-021 and paclitaxel + carboplatin to Avastin® (F. Hoffmann-La Roche Ltd, Switzerland) and paclitaxel + carboplatin in inoperable or advanced non-squamous non-small-cell lung cancer (NSCLC) patients. Funding Agency: BIOCAD India. Multicentric Trial. Reference No: T/EM-F/Radio/17/23
2. Prospective single arm post marketing phase IV study to assess the safety and efficacy of lenvatinib in subjects with locally recurrent or metastatic, progressive, radioiodine refractory differentiated thyroid cancer. Funding Agency: ESAI Pharmaceutical. Multicentric trial. Reference No: T/EM/Radioth/18/03

PUBLICATIONS

1. Sirka CS, Pradhan S, Patra S, Padhi S, Das Majumdar SK, Debjani Panda Haemophagocytic lymphohistiocytosis: A rare potentially fatal complication in subcutaneous panniculitis like T-cell Lymphoma. Ind J of Dermatol Venerol Leprol 2018; PMID: 30289114

2. Das Majumdar SK, Muduly DK, Mishra S, Mohapatra CRR, Bungler D, Khan MA. Management of primary squamous cell carcinoma of the pancreas with a nanosomal paclitaxel lipid suspension-based regimen: A case report. Mol. and Clinic Oncol 10: 430-434, 2019. PMID: 30931112.

List of abstracts published in journals

3. Das Majumdar SK, Mishra S, Das D, Dhar SS, Begum N, Das S, Patra S, Mohakud S, Mohapatra PR, Parida D. Metastatic lung carcinoma-an institutional experience from eastern India. P3.01-21. J Thor Oncol 2018
4. Das Majumdar SK, Dhar SS, Mishra S, Patra S, Mohakud S, Mohapatra PR, Parida DK. SBRT of lung primary after complete resolution of metastatic disease in case of EGFR mutated adenocarcinoma lung. P3CR-02. J Thor Oncol 2018

PATIENT CARE / HOSPITAL SERVICES

1. Total no. of New Patients	: 4210
2. Total no. of Patients registered for OPD	: 16625
3. Total no. of patients registered for Day-care	: 5829
4. Total no. of Chemotherapy cycles administered	: 5100
5. Total no. of patients received Supportive Care	: 676
6. Total no. of patients received Blood Transfusion	: 53
7. Total no. of patients admitted to IPD	: 966
8. Total no. of departmental Seminars organised	: 45
9. Total no of interdepartmental consultations done	: 315
10. Total no of minor procedures performed	: 310

AWARDS, HONORS & SIGNIFICANT EVENTS

Prof. D. K. Parida

1. Advance Clinical Training on Volumetric Arc Treatment, University of Mannheim, Germany from 25th to 30th July 2018
2. Invited to attend Collaborative Research Group Meeting International Atomic Energy Agency, Vienna from 18th to 24th July 2018.



SURGICAL ONCOLOGY

SURGICAL ONCOLOGY

Faculty

Dr Madhabananda Kar	Professor & Head
Dr Dillip Kumar Muduly	Associate Professor
Dr Mahesh Sultania	Assistant Professor

HIGHLIGHTS:

Presently there are three faculty members, eight Senior Residents in the department of Surgical Oncology. The Department has started its Mch course and presently with two seats per session. In addition to patient care, teaching, research and audit of cases operated in the department is taking place regularly. A total of 474 major surgeries following different procedures, have been successfully carried out in the last year. Advanced Minimal invasive oncosurgical procedures including thoracic, GI and Gyn are being performed regularly in the department. Department's independent ward was formally inaugurated on 06.09.2018 by Director, AIIMS Bhubaneswar. The department has an independent database of all cancer patients treated in the department, which is extremely beneficial for treatment and research.

EDUCATION

At present the department of surgical oncology is involved in training of undergraduate (MBBS, BSc Nursing and Operation Theatre Technology), Post-graduate (MS) and MCh Surgical oncology and training of non-academic senior residents. The teaching curriculum of MCh Surgical Oncology has made here in consultation with experts from this institute and other reputed institutes. Students are evaluated regularly regarding the progress according to the guidelines made by the curriculum committee of AIIMS, Bhubaneswar. We perform regular academic activities, like case presentation, journal club, seminars, invited lectures, tumor board, radio-conference, gastro-onco meet, operation theatre learning, in addition to regular weekly, monthly and long-term departmental audit.

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

Dr Madhabananda Kar

1. Attended International workshop on Fluorescent in situ Hybridization at KIIT University as Faculty from 06th to 08th April 2018.
2. Attended Annual Meeting of National Cancer Grid (NCG) at Tata Memorial Centre, Mumbai as Faculty from 05th to 06th May 2018.
3. Attended 7th Hands on Cadaver Laparoscopic Workshop-Colorectal Surgery at MS Ramaiah University of Applied Science, Bengaluru as Faculty from 07th to 08 May 2018.

4. Attended Best of ASCO Conference, Coimbatore as Panelist on 07th July 2018.
5. Attended 1st Health City Cancer Symposium at Health City Hospital, Guwahati as external expert from 08th to 09th September 2018.
6. Attended 32nd Annual National Conference of IASO (NATCON IASO 2018) at Trivandrum as Panelist from 21st to 23rd September 2018.
7. Attended CME on CT Bronchoscope & CT Colonoscopy at Sun Diagnostic Centre, Cuttack as guest on 10th October 2018.
8. Attended ABSICON 2018 & AIIMS-UHNM (UK) Cadaver Course on Breast Oncoplasty & Reconstruction at AIIMS New Delhi as Faculty from 09th to 12th November 2018.
9. Attended Lung Cancer Management in Indian Context at AIIMS New Delhi as an expert faculty from 01st to 02nd December 2018.
10. Presented oral video presentation during 16th Annual Congress of India Association Gastrointestinal Endosurgeons at IAGES 2019, Bhubaneswar as on 07th-08th February 2019 on topic 'VATS Thymectomy'.
11. Attended 18th National Conference- "Thoracic Oncology Translating Research into Practice" at RGCON 2019, New Delhi as faculty/Panelist on 09th February 2019.
12. Attended Current question and controversies in the Management of Early Breast Cancer at Bengal Oncology Centre, Kolkata as Speaker on 23rd March 2019

Dr Dillip Kumar Muduly

1. Attended "International Federation of Head and Neck Oncology and Surgery Conference" from 25th to 28th October 2018 at Kolkata, India.
2. Attended "Annual Conference of Association of Breast Surgeons of India" from 9th to 12th November 2018 at AIIMS, New Delhi, India. Chairperson in Breast Oncoplasty session and Faculty in the Cadaveric Oncoplasty Workshop.
3. Attended 'XVII Annual Conference of Evidence Based Cancers in India' held from 1st March to 3rd March 2019 at Tata Memorial Hospital, Mumbai.
4. Attended 'Annual National Conference of Indian Musculoskeletal oncology-society 2019' held from 8th to 9th March 2019 at Kolkata.

Dr. Mahesh Sultania

1. Attended International Federation of Head and Neck Oncology and Surgery Conference from 25th to 28th October 2018 at Kolkata, India.
2. Attended Annual Conference of Association of Breast Surgeons of India from 9th to 12th November 2018 at AIIMS, New Delhi, India. Chairperson in Breast Oncoplasty session.

3. Attended the Ganga Microsurgery Course at Ganga Medical Center and Hospital from 11th to 15th February 2019 at Coimbatore, India.

Dr Tim Houghton (Senior Resident)

1. Presented poster during ESSO, September 2018 at Budapest, Hungary on 'Is there any role of adding entire pharmacologic thromboprophylaxis for gastric cancer surgery in Indian patients.'

Dr Imad (Senior Resident)

1. Presented oral video presentation in innovative session category during 16th Annual Congress of India Association Gastrointestinal Endosurgeons at IAGES 2019, Bhubaneswar scheduled on 8th-09th February, 2019 on the topic 'VATS esophagectomy: Azygous vein preservation'.

Dr Vigneshwaran (Senior Resident)

1. Attended TESCON-2019 jointly with ISTSCON-2019, Kolkata scheduled on 19-20.01.2019 on 'Outcomes after video assisted thoracoscopic (VATS) thymectomy'.
2. Presented oral video presentation in innovative session category during 16th Annual Congress of India Association Gastrointestinal Endosurgeons at IAGES 2019, Bhubaneswar scheduled on 8th-09th February, 2019 on the topic 'You put on ICD. Why not put a scope when needed?'

RESEARCH

Intramural Non-funded:

Ongoing:

1. 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

Funding Agency – Non-funded

Duration, Start Year – 2 years, May 2019

IEC Approval Number – T/IM-NF/Surg.Onco/18/75

Intramural Funded

Ongoing:

1. Title of the Project: Pattern of Cancer in Odisha: A retrospective Multi-institutional Study

Name of the Principal Investigator – Dr. Dillip Kumar Muduly

Funding Agency – Intramural, AIIMS, BBSR

Duration: 2 years, Start Year – 2019

Fund Cost: 1 lakh

IEC Approval Number – T/IM-F/18-19/44

Extramural Funded:

1. Title of the Project: Understanding the disease biology and epigenetic diversity of oral cancer in India: Virtual National Oral Cancer Institute
Name of the Principal Investigator – Prof. Madhabananda Kar
Funding Agency – Department of Biotechnology, Govt of India
Duration: 5 years, Start Year – 2018
Fund Cost: 1.61 cr
IEC Approval Number – EMF/12/2018

Departmental Projects: (Thesis / Dissertations)

1. Title of the project: Post-Operative Complications in Gastric Cancer surgery- prospective longitudinal study
Principal Investigator: Dr Imad
Name of the funding agency: None
Duration, start year: 2 years, 2018
Funds: None Total cost: None
IEC Approval Number: IEC/AIIMSBBSR/PF Thesis/2018-19/35
2. Title of the project: Short term outcomes after Video assisted Thoracoscopic Thymectomy (VATS) in patients with Myasthenia Gravis.
Principal Investigator: Dr Vigneshwaran
Name of the funding agency: None
Duration, start year: 2 years, 2018
Funds: None Total cost: None
IEC Approval Number: IEC/AIIMSBBSR/PG Thesis/2018-19/05

PUBLICATIONS

1. Sultania M, Muduly D, Jha S, Kar M, Mitra S. Primary colonic liposarcomatosis: report of a case with review of literature. *Autops Case Rep* [Internet].2019;9(1): e2018056. PMID: 30863730
2. Majumdar, S.K., Muduly, D.K., Mishra, S., Mohapatra, C.R., Bungar, D., & Khan, M.A. (2019). Management of primary squamous cell carcinoma of the pancreas with a nanosomal paclitaxel lipid suspension-based regimen: A case report. *Molecular and Clinical Oncology*, 10, 430-434. PMID: 30931112
3. Kumar S, Sunil Kumar, Sandeep Bhorawal, Dillip Muduly, Madhabananda Kar, Atul Sharma, Sushmita Pathy, Notan Kumar Shukla, SV Suryanarayana Deo. Multimodality management of incidentally detected gall bladder cancer: long term results from a tertiary care cancer centre. *J Gastrointest Oncol*. 2018; PMID: 30788168

4. T Houghton, M Sultania, D Muduly, M Kar. Is there any role of adding routine Thromboprophylaxis for gastric cancer surgery in Indian patients? *European Journal of Surgical Oncology*, 2019-02-01, Volume 45, Issue 2, page c76 (Abstract)
5. Souvic Roy, Madhabananda Kar, Shomereeta Roy, Arka Saha, Swatishree Padhi, Birendranath Banerjee. Role of β -catenin in cisplatin resistance, relapse and prognosis of head and neck squamous cell carcinoma: *Springer* April 2018, Vol 41, Issue 2, pp 185-200. PMID: 29243047
6. Bikram K Behera, Satyajeet Misra, Madhabanada Kar. Severe angioedema of laryngeal inlet in a woman receiving telmisartan therapy undergoing breast conservation surgery, *Indian J Anaesth*, 2018 May; 62(5): 393-395. PMID: 29910501
7. Arka Saha, Souvic Roy, Madhabananda Kar, Shomereeta Roy, Shweta Thakur, Swatishree Padhi, Yusuf Akhtar, Birendranath Banerjee. Role of telomeric TRF2 in Orosphere formation and SCS phenotype maintenance through efficient DNA repair pathway and its correlation with recurrence in OSCC: *Springer* December 2018, Vol 14, Issue 6, pp 871-887. PMID: 29872959
8. Adhya AK, Kar M, Mohanty R. Touch imprint cytology: A rapid and accurate method for diagnosis of oral cancer: *Acta Cytologica* 2019. PMID: 31121588
9. Kumari Anuja, Amit Roy Chowdhury, Rka Saha, Souvik Roy, Arabinda Kumar Rath, Madhabananda Kar. Radiation-induced DNA damage response and resistance in colorectal cancer stem-like cells: *International Journal of Radiation Biology*, Vol 95, Issue 6, pages 667-679. PMID: 30753097
10. Souvik Raoy, Madhabananda Kar, Shomereeta Raoy, Swatishree Padhi, Arka Saha, Birendranath Banerjee. KLF4 expression in the surgical cut margin in associated with disease relapse of oral squamous cell carcinoma. *Oral Surg Oral Med Oral Pathol Oral Radiol*. 2019 Aug;-154:(2)128-165. Elsevier 2019. PMID: 31078500

PATIENT CARE / HOSPITAL SERVICES

Dedicated surgical OPDs are running 3 1/2 days week consisting of Head & Neck, breast, thoracic, GI and miscellaneous onco surgical OPDs. Twenty-two bedded dedicated surgical oncology in-patient department is in function. Follow up clinics for such operated patients are being conducted in every day in OPDs. One dedicated minor OT is running on all OPD days in OPD area to provide a better and fast patient care. Treatment decisions of cancer patients are based on the discussion in the multidisciplinary tumor board. All inter-departmental referrals for all onco-surgical consultations are being taken on regular basis.

AWARDS, HONORS & SIGNIFICANT EVENTS

1. Dr Imad felicitated with 1st Prize during 16th Annual Congress of India Association Gastrointestinal Endosurgeons at IAGES 2019, Bhubaneswar held on 7th to 9th February 2019 for topic on VATS Esophagectomy: Azygous vein preservation.
2. Dr Madhabananda Kar felicitated with 2nd Prize during 16th Annual Congress of India Association Gastrointestinal Endosurgeons at IAGES 2019, Bhubaneswar held on 7th to 9th February 2019 for topic on VATS Thymectomy.



TRANSFUSION MEDICINE

TRANSFUSION MEDICINE

FACULTY

Dr. Somnath Mukherjee

Associate Professor

Dr. Satya Prakash

Assistant Professor

HIGHLIGHTS:

Department of Transfusion Medicine achieved a landmark as the department has been established as full-fledged Blood Transfusion service centre after getting blood component licence from Central Drugs control in September 2018 and the component section was officially inaugurated on 4th October, 2018. Presently the department is collecting blood both in house as well by conducting blood donation camps in the department. The department also regularly observes World Thalassemia Day and World AIDS Day and World Blood Donor Day each year, by regularly conducting camps and creates awareness on blood donation and blood safety by conducting and participating in CMEs in the Institute. Furthermore, the departmental blood component section is already functional and providing all kinds of blood components like Packed red cell, Platelet concentrates, FFP, cryoprecipitate to patients. In addition, department is also providing paediatric blood components and leukodepleted packed red cells to selective group of patients. The department, besides platelet pheresis, has also expanded the apheresis services and already started performing procedures like therapeutic plasmapheresis, leukapheresis as indicated in different clinical conditions. The department has also established as referral centre of immunohematology services and many unresolved cases of immunohaematology are now referred to the Department for resolution. Most importantly, the department is now going to start MD course in Transfusion Medicine from July 2019 session as this has been approved by the Standing Academic Committee of the Institute.

EDUCATION

The departmental faculties are involved in teaching following category of students.

1. Under graduate:
 - a. MBBS students: especially 4th and 6th semester MBBS students.
 - b. BSc (Hons) nursing: 2nd year BSC nursing students.
 - c. BSc Medical Laboratory Technology: 2nd year BSc students.
2. Postgraduate: Teaching Pathology residents who come on rotation basis in the Department.

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

Dr Somnath Mukherjee

1. Invited as guest speaker in Odisha Haematology Chapter conference, on 10th and 11th November, 2018 at Berhampur, Odisha.
2. Attended the ISTM national conference in Kochi, Kerala from 23rd to 25th November 2018 and presented poster.
3. Invited to chair a session in Indian Society Transfusion Medicine national conference on 25th November 2018.
4. Delivered a lecture in CME cum Workshop in Basic and Advanced Immunohematology in collaboration with Asian Association Transfusion Medicine (AATM) on 1st March 2019 on ABO discrepancy and D variants and its clinical significance at AIIMS, BBSR.

Dr. Satya Prakash

1. Invited to chair a session in ASH Highlights 2019 organised by Eastern Hematology group on 19th January 2019.
2. Delivered a lecture in CME cum Workshop in Basic and Advanced Immunohematology in collaboration with AATM on 1st March 2019 on Antibody screening and Identification.
3. Attend the workshop on "Statistical Methods in Health Data Analytics using R" organized by ICMR-NIMS, New Delhi from 12th-15th March 2019.

Dr. Dibyajyoti Sahoo (Senior Resident)

1. Attended Workshop on Stem Cell Processing and RBC Glycerolisation at Transmedcon 2018 on 22nd Nov 2018.
2. Presented Poster on "Analysis of Demographic and Clinical variables on influencing blood loss and transfusion requirement in unilateral total Hip Arthroplasty" at Transmedcon 2018 on 23rd Nov 2018.
3. Attended CME cum wet work shop on "Basic & Advanced immunohematology" on 1st March 2019 organized by Department of Transfusion Medicine, AIIMS, Bhubaneswar
4. Attended CME on "Enhancing Blood safety - the need of the hour" on 16th March 2019 organized by Department of Transfusion Medicine, SCB, MCH, Cuttack.

Dr. Pankaj Kumar Das (Senior Resident)

1. Attended 7th Annual National Conference of Indian Society of Transfusion Medicine, at Transmedcon 2018 on Nov 23rd -25th 2018.
2. Attended CME cum wet-laboratory work shop on "Basic & Advanced immunohematology" on 1st March 2019 organized by Department of Transfusion Medicine, AIIMS, Bhubaneswar .

Dr. Debashish Mishra (Senior Resident)

1. Attended Workshop on Stem Cell Processing and RBC Glycerolisation at Transmedcon 2018 on 22nd Nov 2018.
2. Presented Poster on “prevalence of A1 and A2 along with anti-A1 in donor and patients in a tertiary care center” at Transmedcon 2018 on 24th Nov 2018.
3. Attended CME cum wet work shop on “Basic & Advanced immunohematology” on March 1, 2019 organized by Department of Transfusion Medicine, AIIMS, Bhubaneswar.
4. Attended CME on “Enhancing Blood safety - the need of the hour” on March 16, 2019 organized by Department of Transfusion Medicine, SCB, MCH, Cuttack.

Dr. Gopal Krushna Ray (Senior Resident)

1. Attended ASH-Asia-Pacific Conference in Hematology on 22nd to 24th February, 2019 in Bangkok.
2. Attended CME cum wet-laboratory work shop on “Basic & Advanced immunohematology” on March 1, 2019 organized by Department of Transfusion Medicine, AIIMS, Bhubaneswar.
3. Attended CME on “Enhancing Blood safety - the need of the hour” on March 16, 2019 organized by Department of Transfusion Medicine, SCB, MCH, Cuttack.
4. Presented Poster on “Role of adsorption in resolution of multiple alloantibodies in a patient of thalassemia: a case report” in International CME on Hematology and 10th Annual meet of Odisha Hematology on 10th, 11th November, 2018 in MKCG Medical college, Berhampur.

Dr. Suman Routray (Senior Resident)

1. Attended CME cum wet work shop on “Basic & Advanced immunohematology” on March 1, 2019 organized by Department of Transfusion Medicine, AIIMS, Bhubaneswar
2. Attended Workshop on “Augmentation of teaching skill for senior residents” organized by Medical Education Unit of AIIMS, Bhubaneswar on 30th Nov to 1st Dec 2018.

RESEARCH

Funded Projects

Departmental

Ongoing:

1. Title of the project: A study on adverse reactions during voluntary blood donations: a scenario from Tertiary Care Center.

Name of the principal investigator: Dr Somnath Mukherjee

Funding agency: NIL Duration, start year: 02 years, April 2018 Funds: Rs. NA

IEC approval number/IM-NF/Transmed/17/30 dated February 19, 2018

2. Title of the project: Prevalence of A1 and A2 subgroup along with Anti-A1 antibody in Donor and patient population in a tertiary care center.

Name of the principal investigator: Dr Somnath Mukherjee

Funding agency: NIL Duration, start year: 01 years, August 2018 Funds: Rs. NA

IEC approval number: T/IM-NF/Transmed/18/10 dated July 16, 2018

Completed

1. Title of the project: Prevalence of Transfusion transmitted infections in healthy blood donors and their correlation with different blood groups.

Name of the principal investigator: Dr Satya Prakash

Funding agency: NIL Duration, start year: 01 year, October 2018 Funds: NA

IEC approval number: T/IM-NF/Transmed/18/35, dated October 15, 2018

Collaborative projects:

PUBLICATIONS

1. Mahajan PB, Mukherjee S. Role of point of care Hb diagnostic devices in getting the right picture of anemia control: Tangi Rural Anemia Diagnostic Accuracy Study. J Drug Assess. 2018 Jun 21;7(1):34-42. PMID: 29963327
2. Barman A, Mukherjee S, Sahoo J, Maiti R, Rao PB, Sinha MK, Sahoo D, Tripathy SK, Patro BK, Bag ND. Single Intra-articular Platelet-Rich Plasma Versus Corticosteroid Injections in the Treatment of Adhesive Capsulitis of the Shoulder: A Cohort Study. Am J Phys Med Rehabil. 2019 Jul;98(7):549-557. PMID: 30676339

PATIENT CARE / HOSPITAL SERVICES

Hospital activity

1. Blood Collection and Blood donation camp:

The department had collected 5893 units of whole blood collection from 1st April 2018 and till 31st March 2019 through in-house blood donation. The department is regularly conducting blood donation camp in the campus to create awareness on safe and voluntary blood donation and the importance of blood and blood products. The department has conducted five (05) Blood Donation camps during this session and collected 120 units of blood.

2. Cross Match and Issue of blood and blood component:

Till 31st March 2019, a total of 7764 units of Red cell component were cross matched and 5700 units of Red Cell component have been issued to patients belonging to different clinical discipline. The department got licence to prepare blood components services and our component lab was inaugurated by honourable director on 5th October 2018, since then a total of 1794 platelets, 799 Fresh frozen Plasma and 69 cryoprecipitate had also been issued to various discipline.

3. Laboratory diagnostic workup:

The department is also conducting routine blood grouping for both the patients as well donors on regular basis. Till 2019 31st March a total of 9854 blood grouping were done including both patients and donors. The department also performs extended Rh typing in some special cases. Besides this, the department also performs special diagnostic tests especially coombs test (Direct and Indirect) regularly. From April 2018 till March 2019, total number of Direct Coombs Test (DCT) performed were 874 and total number of indirect coombs tests (ICT) performed were 548. 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 started immune-hematological services like antibody screening, identification and antigen typed and matched Packed red cells to alloimmunised needy patients. In- future department has a plan to start molecular blood grouping and antigen typing for multi-transfused patients in which serological test generally gives inconclusive result. In addition, the department is also on the process of starting platelet functions test and set up transplant immunology services in near future.

4. Transfusion Transmitted testing services:

The department also regularly conducts ELISA tests for five mandatory transfusion transmitted infectious disease markers on regular basis. The regular ELISA tests are: HBsAG, Anti-HCV, Anti-HIV, Malaria and Elisa for Syphilis. Till March 2019, a total of 5893 units of blood have been tested by ELISA for the above five mandatory infectious disease markers. Department has finalized the process of procurement of Chemiluminescence and it will be started very soon. In addition, molecular testing for TTI i.e Nucleic Acid Testing for screening of donated blood for mandatory testing for infectious diseases is also under the process of procurement.

5. Apheresis services:

Apheresis Donation: Till March 2019 the department has also collected 33 single donor platelets with apheresis cell separator and providing apheresis blood component services required mainly for leukaemia and other haematological indications.

Therapeutic Apheresis Services

Therapeutic plasma Exchange (TPE): Till March 2019, The department had performed a total of 24 TPE procedure in 5 patients for various neurological and haematological indications. Most of the Patients were from department of paediatrics and Internal medicine.

Therapeutic Leukapheresis: The Department had also performed two emergency therapeutic leukapheresis procedure successfully in symptomatic leukaemia patients.

6. e-Blood Banking and Integration of Hospital Information System:

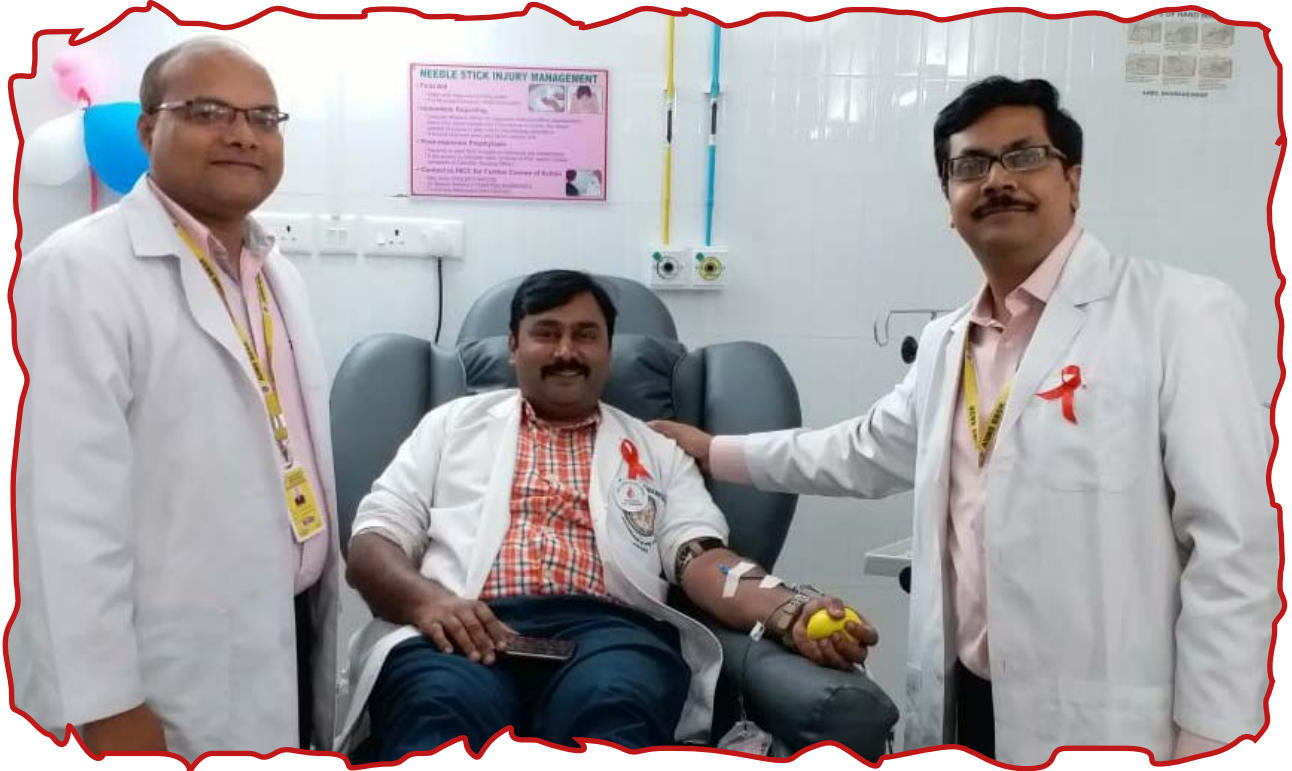
The department has started e blood banking system and started incorporating all data in Blood Bank software and it has also integrated with Hospital information system.

AWARDS, HONORS & SIGNIFICANT EVENTS

1. Dr. Gopal Krushna Ray, Senior Resident, awarded Travel Grant as ASH Asia-Pacific Sponsored Trainee: ASH Highlights, dated 22-24 February, 2019 in Bangkok.



Inauguration of Blood Component Separation Unit by Honorable Director of AIIMS, Bhubaneswar



Voluntary blood donation celebrated on 1 st December on the occasion of World AIDS day



Inaugural Presentation by Dr. Somnath Mukherjee in a CME cum Workshop organized by Department of Transfusion Medicine, AIIMS, Bhubaneswar on 1 st March 2019.



TRAUMA AND EMERGENCY

TRAUMA AND EMERGENCY

FACULTY

Dr. Prabeer C Mohanty	Professor & Head
Dr. Chitta Ranjan Mohanty	Assistant Professor
Dr. Upendra Hansda	Assistant Professor
Dr. Sangeeta Sahoo	Assistant Professor
Dr. Satyabrata Guru	Assistant Professor
Dr. Sadananda Barik	Assistant Professor
Dr. Chinmaya Dash	Assistant Professor
Dr. Boyina Kiran Kumar	Assistant Professor
Dr. Shiv Shankar Paswan	Assistant Professor
Dr. Ritesh Panda	Assistant Professor
Dr. Saroj Kumar Patra	Assistant Professor

HIGHLIGHTS

Inspection to start MD in Emergency Medicine has been done by the faculty from AIIMS New Delhi. Public awareness lecture on road accidents was organized at OPD foyer of AIIMS Bhubaneswar. The Public lecture was given by Dr Kiran Kumar B. The lecture was attended by around 200 people. The program was graced by Medical Superintendent Dr S.N.Mohanty, Prof & Head of Trauma and Emergency, Dr. P.C. Mohanty, Additional Medical Superintendent Dr Jawahar S.K. Pillai and Deputy Medical Superintendent Dr Mukunda Chandra Sahoo. Different aspects of road traffic accidents like facial injuries and its preventive strategy using helmet and seatbelt was discussed. The interactive session was very helpful in addressing the doubts of the public. Public participated in the lecture with lots of eagerness and enthusiasm to know about the same. The lecture was concluded with thanking the participants and speakers.

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

Dr Chitta Ranjan Mohanty

1. 2nd National Workshop on R for Basic Biostatistics from 25th to 27th July 2018 at AIIMS Bhubaneswar.
2. Hospital Disaster Management Plan from 4th to 8th February 2019 at New Delhi

Dr. Upendra Hansda

1. Workshop on “ultrasonography in emergency and critical care” during “Best of Brussels” conference on 4th and 5th July 2019 at Pune.
2. WISSEN 2018 from 18th to 20th August 2018 at AIIMS Bhubaneswar.
3. Faculty in-charge of Basic Life Support training.
4. Odisha Annual Critical Care Conference on 10th and 11th November 2018 at Bhubaneswar. Attended the mechanical ventilation workshop. Presented the poster titled “Ruptured abdominal aortic aneurysm masquerading as gall bladder” and secured third prize.
5. IAP BLS course on 2nd December 2018 at AIIMS Bhubaneswar. Obtained the “Instructor Potential” in this course.
6. National Emergency Medicine Board Review of India Course from 16th February to 20th February 2019 at New Delhi.
7. IAP ALS course on 30th and 31st March 2019 at AIIMS Bhubaneswar.

Dr Sangeeta Sahoo

1. IAP BLS course on 27th January 2019 at IMS SUM Hospital Bhubaneswar. She got the “Instructor Potential” in this course.
2. ECG workshop on 24th February 2019 at AIIMS Bhubaneswar.
3. IAP ALS course on 30th and 31st March 2019 at AIIMS Bhubaneswar.

Dr Satyabrata Guru

1. 2nd National Workshop on R for Basic Biostatistics from 25th to 27th July 2018 at AIIMS Bhubaneswar.
2. 20th annual conference of Society for Emergency Medicine in India from 15th to 18th November 2018 at Bengaluru.

Dr Sadananda Barik

1. 2nd National Workshop on R for Basic Biostatistics from 25th to 27th July 2018 at AIIMS Bhubaneswar.
2. IAP BLS course on 27th January 2019 at Bhubaneswar.
3. IAP ALS Course on 30th and 31st March 2019 at AIIMS, Bhubaneswar.

Dr Chinmaya Dash

1. APCSS 2018 from 15th to 17th November 2018 at New Delhi.

2. 15th Instructional and 9th Foundation course of Neurological Society of India (NSI) on 11th and 12th January 2019 at SCB Medical College, Cuttack. Presented paper titled “craniotomy flaps” and “pedicle screws-anatomy and insertion techniques”.
3. SGPGI MISSCON 2019 from 22nd to 24th February 2019 at SGPGI Lucknow.
4. SCEUTH from 27th to 31st March 2019 at Goa. Delivered a talk titled “Cost effective use of technology in neurosurgery-concepts, research and recent articles”.

Dr Kiran Kumar Boyina

1. 2nd National Workshop on R for Basic Biostatistics from 25th to 27th July 2018 at AIIMS Bhubaneswar.
2. AOCMF Seminar—Advances in Management of Sleep Apnea on 3rd and 4th November 2018 at Chennai.
3. AOMSI masterclass Bhubaneswar 2019 from 13th to 16th March 2019 at Bhubaneswar. He delivered lecture on “Primary management of facial trauma in tertiary set up”.

Dr Shiv Shankar Paswan

1. WISSEN- student skill development programme on 18th August 2018 at AIIMS Bhubaneswar.
2. Faculty Development Programme on 29th and 30th March 2019 at AIIMS Bhubaneswar.
3. Basic Research Methodology from 22nd to 25th January 2019 at ICMR, Noida.
4. Wound Care on 23rd March 2019 at AIIMS Bhubaneswar.

Dr Ritesh Panda

1. 42nd Annual Conference of the Indian Society for Surgery of the Hand (ISSH) from 5th to 7th October, 2018 at Coimbatore.
2. 8th Annual Conference of Indian Society of Peripheral Nerve Surgery from 8th to 10th February, 2019 at Chennai.
3. 8th BRACHIALCON conference from 29th to 31st March 2019 at Mahabalipuram, Chennai.

Dr Saroj K Patra

1. CME on “Saw bone workshop on distal radius and proximal tibia fracture” on 29th September 2018 at AIIMS Bhubaneswar. Presented paper on “Anatomical consideration and column concept of proximal tibial condyle fracture”.
2. Ranawat Orthopaedic Conference from 21st February to 23rd February 2019 at New Delhi.
3. Ganga Operative Arthroscopy Course from 22nd March to 24th March 2019 at Coimbatore.

RESEARCH

Departmental:

Ongoing:

1. Title of the project: Analysis of utility, number and radiation dose of post operative CT scans in cranial surgery patients.

Principal investigator: Dr Chinmaya Dash

Start year: 2018

IEC approval number: T/IM-NF/T&EM/18/41

2. Principal investigator: Dr Saroj K Patra

Title of the project: Post ACL reconstruction rehabilitation: A comparative study between early accelerated vs delayed conservative regimen.

Start year: 2019

IEC approval number: T/IM-NF/T&EM/18/45

3. Principal Investigator: Dr Shiv Shankar Paswan

Title of the project: Correlation between clinical parameters and intra-abdominal pressure and their effect on the non-operative management of patients with blunt abdominal trauma at trauma center AIIMS Bhubaneswar.

Start year: 2019

IEC approval number: T/IM/-NF/SURG./TEM/19/02

Completed:

1. Principal investigator: Dr Chitta Ranjan Mohanty

Title of the project: Effectiveness of ethyl chloride spray in the prevention of venipuncture induced pain in patients undergoing different anesthetic and non-anesthetic procedures.

Start year: 2018

IEC approval number: T/IM-NF-/T&EM /17/27 28 Mar 2018

2. Principal investigator: Dr Chitta Ranjan Mohanty

Title of the project: Clinico-epidemiological study of patients with trauma admitted to trauma and emergency medicine department of AIIMS Bhubaneswar.

Start year: 2018

IEC approval number: T/IM-NF/T&EM /17/31 26 June 2018

3. Principal investigator: Dr Chitta Ranjan Mohanty

Title of the project: Assessment of ease of intubation and incidence of orofacial injury at direct laryngoscopy: a randomized controlled trial comparing five different makes of laryngoscope blades (Miller, Reduced Flange, Macintosh, Flangeless and Blechmann blades)

Start year: 2018

IEC approval number: T/IM-NF/T&EM /17/27 28 Sept 2018

4. Principal investigator: Dr Upendra Hansda

Title of the project: Assessment of knowledge regarding Basic Life Support (BLS) among the ambulance personnel coming to Emergency Department of a tertiary care hospital.

Start year: 2019

IEC approval number: T/IM-NF/T&EM/18/67/06 Mar 2019

5. Principal Investigator: Dr Shiv Shankar Paswan

Title of the project: To study the impact of yoga on pulmonary functions, immune response and quality of life in chest trauma patients at Level-I Trauma center

Start year: 2018

IEC approval number: T/IM-NF/T&EM/18/15

PUBLICATIONS

1. Mohanty CR, Panda R. Fracture and embolization of intravenous cannula placed in external jugular vein: A rare complication. Saudi J Anaesth 2018; 12:504-5. PMID: 30100865.
2. P.S. Dikhit PS, Srivastava A and Boyina KK. Injury to the oral mucosa by organophosphates without systemic toxicity: a rare case. British Journal of Oral and Maxillofacial Surgery 2018; 56:755–7. PMID: 30093185.
3. Mohanty CR, Ahmad SR. Drop in oxygen supply pressures: Misleading gas cylinder color coding to be blamed for nearing a mishap? J Clin Anesth. 47-50:46;2018. PMID:29979998
4. Ahmad SR, Mohanty CR, Elayat A. Under-dosing of drug due to inaccurate syringe markings: Vigilance and Quality control-the need of the hour J Clin Anesth. 2018;52:121.PMID:30273921
5. Jain M, Das SS, Gantaguru A, Panda R, Behera S. A Rare Case of Extra-abdominal Desmoid-type Fibromatosis Arising from the Popliteal Fossa. Cureus. 2018;10(11): e3651. PMID:30723650
6. Mohanty CR, Panda R. Fracture and embolization of intravenous cannula placed in external jugular vein: A rare complication. Saudi J Anaesth. 2018;12(3):504–5. PMID: 30100865.
7. Mohanty CR, Singh N, Mehta S, Das S. Point-of- care ultrasound as an aid to upper esophageal foreign body removal. Saudi J Anaesth 2019; 13:89-90. PMID: 30692902.
8. Mohanty CR, Ahmad SR, Bhukya MN, Raju RB. Breaking of airway exchange device during endotracheal intubation-An avoidable catastrophe. J Clin Anesth. 2019; 55 :50-51. PMID: 30594681.

PATIENT CARE / HOSPITAL SERVICES

Round the clock emergency services is being provided in the Department. There are 18 beds in the Emergency Room (ER) and 28 beds in the Trauma Ward. In the ER, there are four resuscitation beds and 14 observation beds. High end equipments like Defibrillator, ABG machine, Ultrasonography machine, Mechanical ventilator, Fluid warming cabinet, ECG machine and Cardiac monitors are there in the ER. With these lifesaving equipment, necessary interventions are being done at the arrival of the patient.

Patient load at Emergency Room (April 2018 to March 2019)

Month	No of Patients
April (2018)	2062
May (2018)	2109
June (2018)	2130
July (2018)	2123
August (2018)	2426
September (2018)	2580
October (2018)	2677
November (2018)	2684
December (2018)	2646
January (2019)	2888
February (2019)	2786
March (2019)	3043
Total	30154

Number surgeries done in Emergency Operation Theatre

Month	No of surgeries
April (2018)	167
May (2018)	187
June (2018)	173
July (2018)	198
August (2018)	171
September (2018)	183
October (2018)	184
November (2018)	190
December (2018)	160
January (2019)	160
February (2019)	151
March (2019)	154
Total	2078

First minimally invasive spine surgery for transforaminal lumbar interbody fusion (MISS-TILIF) has been done at emergency operation theatre of AIIMS Bhubaneswar.



UROLOGY

UROLOGY

FACULTY

Dr. PRASANT NAYAK	Associate Professor
Dr. SWARNENDU MANDAL	Assistant Professor
Dr. MANOJ KUMAR DAS	Assistant Professor

HIGHLIGHTS

The Department of Urology is providing yeoman service to patients in need of Urologic care in the form of outpatient services, advanced urologic surgeries and inpatient services. Various types of advanced laparoscopic and other surgeries are being performed in our Department, which are first of its kind in this part of India. 3-D laparoscopy machine has been installed in the current year for better patient care and better resident teaching in minimal invasive surgeries. The Department also has started special clinics in Reconstructive Urology, Andrology and Uro-oncology. Super-specialty degree course (M.Ch.) has been started in our department. Three of our papers were recently accepted in the international Urology conference of SIU-2019 to be held at Athens, Greece in October, 2019. Ongoing Research Projects in the Department: 2 funded (intramural) projects and 5 RCTs (non-funded). The Department of Urology is committed to excel in clinical and academic activities and is committed to foster and develop innovations in the field of Urology. We are determined to provide evidence-based treatment to our patients with a mission to be a comprehensive one-stop destination for all urological health problems. We strive towards providing standard of care in all Urological sub-specialities including Renal Transplantation and Robotic surgeries.

We ultimately aim to establish the Department of Urology, AIIMS, Bhubaneswar as amongst the very best in our country in providing state of the art treatment facilities, education and research.

EDUCATION

The Department is involved in teaching of M.Ch., PGs, M. S (General Surgery) candidates on rotation, OTAT, M. Sc & B. Sc nursing students. All theory and clinical ward teaching classes are conducted as per a schedule based on the curriculum. Clinical ward rounds by faculties are held regularly. Further, the Department is involved in taking six-monthly internal assessment examination for M.Ch. students. Seminars, Journal clubs and special guest lectures are held regularly in the Department for Academic and non-academic SRs and General surgery PGs. Surgical teaching of SRs and PGs are done as per the curriculum under supervision and assistance by faculties.

CONFERENCES/CME/Workshop ATTENDED & LECTURES DELIVERED/PAPERS PRESENTED

Dr. Prasant Nayak

1. Invited for presentation in "Symposium on Urethral Tract Infection" at USICON 2019 conducted at Bhubaneswar on 23rd to 26th January.

2. Attended URETHRA @ AINU at Hyderabad on 3rd -4th March 2019,
3. Invited for presentation on Minimal Access Guide in PCNL – PCNL Access Workshop @ AINU, 2019.

Dr Swarnendu Mandal

1. Attended PERCON 2018 held at Delhi on 29th to 30th September 2018.
2. Attended MASTER CLASS IN URO-ONCOLOGY WITH LIVE OPERATIVE WORKSHOP at Safdurjung Hospital, 18-19th August 2018
3. Presented in NZUSICON, Ludhiana 15 -18th November 2018 – “our experience in ventral BMGU for female urethral stricture”.
4. Attended USICON 2019 conducted at Bhubaneswar on 23rd to 26th January.

Dr Manoj Kumar Das

1. Attended “RIRS@AINU” BEYOND BASICS- Operative workshop on 2nd September 2018.
2. Attended “URETHRA@AINU” operative workshop on 2nd to 3rd March 2019.

RESEARCH

Funded Projects:

1. Title of the project: Role of oncobiome in carcinoma bladder etiopathogenesis- a prospective analysis.

Name of the principal investigator: Dr Manoj Kumar Das

Funding agency: AIIMS Bhubaneswar intramural project

Duration: 1 years

start year: 2019

Funds: Rs. 4,65,000/-

IEC approval number: IMF/38/2018.

Non-Funded Projects:

Departmental:

1. Title of the project.: “A randomized controlled trial comparing calyceal access by mini access guide (MAG) guided bull’s eye vs traditional bull’s eye vs gradual descensus technique during percutaneous nephrolithotomy (PCNL)”

Name of the principal investigator: Dr. Gautam Kumar

AIIMS Bhubaneswar M.Ch. thesis project

Duration :2 years

Start year: 2018

2. Title of the project: "To evaluate the efficacy of narrow band imaging in the detection of additional malignant lesions after endoscopic therapy of transitional cell carcinoma of urinary bladder – a prospective, interventional study."

Name of the principal investigator: Dr. Ankit Misra

AllIMS Bhubaneswar M.Ch. thesis project

Duration :2 years

Start year: 2019

3. Title of the project: "Transurethral enucleation of prostate with bipolar (TUEB) vs bipolar transurethral resection of the prostate(B-TURP): a single-center randomized controlled trial"

Name of the principal investigator: Dr. Sumit Agrawal

AllIMS Bhubaneswar M.Ch. thesis project

Duration :2 years

Start year: 2019

4. Title of the project: "Ejaculation preserving versus conventional transurethral resection of prostate - a randomized controlled trial"

Name of the principal investigator: Dr Shritosh Kumar

AllIMS Bhubaneswar post graduate project

Duration :2 years

Start year: 2019

5. 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

Faculty research Project

Start year: 2019

PUBLICATIONS

1. Mathin Jaffer, Mitra S, Mandal S, Das M, Mahalingam R, Prasant Nayak; Cystadenoma of the Seminal Vesicle: A Case Report of Rare Seminal Vesical Tumor and Review of Literature. Urology. 2019 Jan;123: e11-e14. PMID: 30599918.
2. Mandal S, Nayak P, Purkait S, Das M, Mahalingam R. Rare Images of Urethral Hemangioma and its Management. Urology. 2019 Feb;124: e9-e11. PMID:30389484.

PATIENT CARE / HOSPITAL SERVICES

The Department has started special clinics in Reconstructive Urology, Andrology and Uro-oncology. Performing all complex open and laparoscopic urological procedures including Uro-radiological procedures.

AWARDS, HONORS & SIGNIFICANT EVENTS

Department of Urology has performed Advanced Laparoscopic and Endourologic procedures like Laparoscopic Radical Cystoprostatectomies, Laparoscopic Radical Prostatectomies, en-bloc resection of bladder tumour, B-TUEP, etc which are first to be done in this part of our country. Our department has drawn immense trust from all of our patients from Odisha and neighbouring states.



Dr. Prasant Nayak deliberating his Invited talk "Symposium on Urethral Tract Infection" at USICON 2019 conducted at Bhubaneswar.



INTERNAL COMPLAINTS
COMMITTEE (ICC)
ON SEXUAL HARASSMENT ACT

INTERNAL COMPLAINTS COMMITTEE (ICC) ON SEXUAL HARASSMENT ACT

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 (Asso.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 2018-2019

1. Number of complaints received: 01 (one)
2. Number of complaint disposed of within stipulated period: 01(one)
3. Number of complaint pending- Nil
4. Details of sensitization programme arranged: One sensitisation programme was held for newly joined faculty members and staff of AIIMS Bhubaneswar during the said period.

Details of the programme :

Internal Complaints Committee (ICC) of AIIMS Bhubaneswar conducted 5th sensitization program on "sexual harassment of women at work place" on 17th April 2018 from 2:30 to 5:00 PM for newly joined faculty members of AIIMS Bhubaneswar. The program was attended by more than 70 newly joined faculty and staff. Some of the previously joined faculty who had not attended the program before also attended. Mr Bhima Surendra Babu, member of ICC, welcomed the august gathering. Dr Baijayantimala Mishra, Chairperson of ICC welcomed the newly joined faculty members and apprised them about the prevailing law and how it is conceived. Director, AIIMS Bhubaneswar, Professor Gitanjali Batmanabane, addressed the gathering and appraise them about the concern of AIIMS, BBSR, the steps taken towards the safety of women in the institute and urged the faculty members to

utilize the opportunity to understand the law. The hand-outs related to Procedural aspects of sexual harassment at workplace were distributed among the participants followed by the deliberations of the external member and Deputy Director admin(DDA). The event concluded with a vote of thanks offered by Dr Suchitra Kumari, Member Secretary, ICC, AIIMS Bhubaneswar.

The key speakers were:

1. Mrs. Namrata Chadda, Social Activist enlightened the faculty members regarding the Sexual harassment of women at work place (Prevention, prohibition and redressal) Act 2013. She explained the law with various examples from different walks of life.
2. Mr P K Ray, Deputy Director Admin (DDA) of AIIMS Bhubaneswar discussed about the administrative issues in sexual harassment of women in work place following which open discussion was conducted highlighting the CCS service and conduct rules with the participants.

Any other activities undertaken by the ICC:

1. ICC installed signage boards at different places of AIIMS premises to display Zero tolerance to 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.
3. ICC also gathered information regarding various measures existing for the security and safety of women at workplace and have suggested measures to administration. Some of it has already been executed by the administration



The Fifth session (April, 2018) of the sensitization Program
Director AIIMS,BBSR addressing the august gathering



The Fifth session (April, 2018) of the sensitization Program
The Organizing team (ICC members) with DDA AIIMS, BBSR & DDA AIIMS Raipur



Participants attending the Fifth session (April, 2018) of the sensitization Program



FEEDBACK

Mera Aspataal Performance Report

For the period: 26-Nov-2017 to 06-Jul-2019

As On: 29-Jul-2019

06:47:30

State: All

Facility: AIIMS

Bhubaneswar

Indicator: All

Dissatisfaction

Indicator: Staff

behaviour

Report Type: Cumulative Report

Sr. No	Indicators	Total
1	Patient Visits	9,87,570
2	Patients with Valid Phone Numbers	7,34,612
	Patients with valid phone numbers (%)	74
3	Total Responses	43,637
	Total responses (%)	6
3.1	Very Satisfied	17,006
	Very Satisfied (%)	39
3.2	Satisfied	16,373
	Satisfied (%)	38
3.3	Not Satisfied	10,258
	Not Satisfied (%)	23
4	Total responses for dissatisfaction	8,085
4.1	Staff behaviour	2,867
	Staff behaviour (%)	35
4.2	Cleanliness	1,080
	Cleanliness (%)	13
4.3	Cost of treatment	1,293
	Cost of treatment (%)	16
4.4	Quality of treatment	12
	Quality of treatment (%)	0

4.5	Other reasons	2,833
	Other reasons (%)	36
5	Total responses for dissatisfaction with staff behaviour	2,635
5.1	Doctor	964
	Doctor (%)	37
5.2	Nurse	475
	Nurse (%)	18
5.3	Laboratory/X-Ray technician	386
	Laboratory/X-Ray technician (%)	15
5.4	Pharmacist	120
	Pharmacist (%)	5
5.5	Ward boy	1
	Ward boy (%)	0
5.6	Other Staff	689
	Other Staff (%)	25
6	Total responses for dissatisfaction with cleanliness	960
6.1	Patient registration and waiting area	229
	Patient registration and waiting area (%)	24
6.2	wards	3
	wards (%)	0
6.3	Examination room and table	146
	Examination room and table (%)	15
6.4	Corridors	161
	Corridors (%)	17
6.5	Toilet	306
	Toilet (%)	32
6.6	Bed sheets	1
	Bed sheets (%)	0
6.7	General surrounding	114
	General surrounding (%)	12

7	Total responses for dissatisfaction with cost of treatment	958
7.1	Medicines and Supplies	394
	Medicines and Supplies (%)	41
7.2	Investigations	304
	Investigations (%)	32
7.3	Informal payment	260
	Informal payment (%)	27
8	Total responses for dissatisfaction with quality of treatment	7
8.1	No relief in symptoms	2
	No relief in symptoms (%)	29
8.2	Health condition worsened	0
	Health condition worsened (%)	0
8.3	Doctor did not listen carefully	4
	Doctor did not listen carefully (%)	57
8.4	Inadequately skilled nurses	0
	Inadequately skilled nurses (%)	0
8.5	Poor quality of food	1
	Poor quality of food (%)	14
9	Total responses for dissatisfaction with other reasons	2,618
9.1	Long waiting time	1,187
	Long waiting time (%)	45
9.2	Inadequate information	172
	Inadequate information (%)	7
9.3	Lack of amenities	189
	Lack of amenities (%)	7
9.4	Lack of support	4
	Lack of support (%)	0
9.5	Overcrowding	429
	Overcrowding (%)	16
9.6	Any other	637
	Any other (%)	25



ANNUAL ACCOUNT

ALL INDIA INSTITUTE OF MEDICAL SCIENCES, BHUBANESWAR
SIJUA, PATRAPARA, BHUBANESWAR-751019

BALANCE SHEET AS AT 31st MARCH, 2019

(Amount Rs.)

PARTICULARS	Schedule	Current Year (2018-19)	Previous Year (2017-18)
CORPUS/CAPITAL FUND AND LIABILITIES:			
CAPITAL FUND	1	3,09,93,76,846.59	3,29,21,04,737.12
RESERVES AND SURPLUS	2		
EARMARKED/ENDOWMENT FUNDS	3	7,00,000.00	8,05,694.00
SECURED LOANS AND BORROWINGS	4		
UNSECURED LOANS AND BORROWINGS	5		
DEFERRED CREDIT LIABILITIES	6		
CURRENT LIABILITIES AND PROVISIONS	7	49,64,60,403.65	31,46,11,678.91
TOTAL:		3,59,65,37,250.24	3,60,75,22,110.03
ASSETS:			
FIXED ASSETS	8	2,81,95,48,279.38	2,39,43,76,818.26
INVESTMENTS-FROM EARMARKED/ENDOWMENT FUNDS	9	7,00,000.00	7,00,000.00
INVESTMENTS-OTHERS	10		
CURRENT ASSETS, LOANS, ADVANCES ETC.	11	77,62,88,970.88	1,21,24,45,291.79
MISCELLANEOUS EXPENDITURE (to the extent not written off or adjusted)			
TOTAL:		3,59,65,37,250.24	3,60,75,22,110.03
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, 2019
(Amount Rs.)

PATICULARS	SCHEDULE	Current Year (2018-19)	Previous Year (2017-18)
INCOME			
Income from Sales/Services	12		
Grant/Subsidies	13*	2,11,02,41,623.00	88,74,56,156.00
Fees/Subscription	14*	40,06,014.00	2,59,39,368.45
Income from Investments (Income on Investment from earmarked/endow funds transferred to Funds)	15	1,58,820.00	-
Income from Royalty, Publication etc.	16	-	-
Interest Earned	17*	4,39,48,429.00	7,14,78,189.00
Other Income	18*	8,56,62,695.00	7,61,82,763.56
Increase/(decrease) in stock of Finished goods on works-in-progress	19	-	-
TOTAL (A)		2,24,40,17,581.00	1,06,10,56,477.01
EXPENDITURE			
Establishment Expenses	20*	1,37,02,73,227.00	86,76,15,137.00
Other Administrative Expenses etc.	21*	1,00,96,17,099.53	57,35,71,002.40
Expenditure on Grants, Subsidies etc.	22*	69,00,648.00	14,30,114.00
Interest	23		
Depreciation (Net Total at the year-end-corresponding to Schedule 8)		25,49,54,497.00	10,47,18,271.00
TOTAL (B)		2,64,17,45,471.53	1,54,73,34,524.40
Balance being excess of Income over Expenditure (A-B)		(39,77,27,890.53)	(48,62,78,047.39)
Transfer to Endowment Fund for Medal		-	-
Transfer to /from General Reserve		-	-
BALANCE BEING SURPLUS/(DEFICIT) CARRIED TO CORPUS/CAPITAL FUND		(39,77,27,890.53)	(48,62,78,047.39)
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, 2019

RECEIPTS	Schedule	Current Year (2018-19)	Previous Year (2017-18)	PAYMENTS	Schedule	Current Year (2018-19)	Previous Year (2017-18)
L. Opening Balances				I. Expenses			
a) Cash in Hand		54,799.00		a) Establishment Expenses	20	1,28,13,98,471.00	79,95,37,183.01
b) Bank Balances				b) Administrative Expenses	21	95,22,16,454.47	53,50,21,343.48
i) In Current A/C No-5564201100000345							
ii) In Current A/C No-5578201100000006		(1,56,64,874.48)	(1,03,24,119.04)	ii. Payment made against funds for various projects	22	69,00,648.00	14,35,114.00
iii) On Auto Sweep Account		88,11,00,311.00	1,45,65,24,434.00				
iv) On Patient Treatment A/c-5578201100000019		25,37,806.00	25,39,178.00				
v) In Deposit Account		7,00,00,000.00	7,00,00,000.00				
On Research Account-5578201100000020		27,12,177.94					
On Endowment A/c-5578201100000021		17,674.00					
On GPF A/c-5578201100000022		12,73,356.00					
On IR A/c-5578201100000032		18,08,98,272.50					
On Application A/c-5578201100000026		2,36,19,993.50					
On Pension Fund A/c-5578201100000023		25,20,106.00					
II. Grants Received				III. Investments and Deposits made			
a) From Government of India	13	20,50,00,000.00	80,00,00,000.00	a) Out of Earmarked/Endowment Funds			
Capital	13	2,07,18,00,000.00	88,16,00,000.00	b) Out of Own Funds (Investment others)			
Revenue							
b) From State Government				IV. Expenditure on Fixed Assets	8	27,34,81,468.12	50,42,38,204.62
c) From Other Sources	13	3,84,41,623.00	58,54,156.00	a) Purchase of Fixed Assets			
				b) Expenditure on Capital Work-In-Progress	8	37,64,01,496.00	37,10,53,547.38
III. Income on Investments from:				V. Refund of Surplus Money/Loans			
a) Earmarked/Endowment Funds				a) To the Government of India			
i) Student Benevolent Fund		19,813.00	19,402.00	b) To the State Government			
ii) Caution Money from Students		32,750.00		c) To Other providers of fund			
iii) Interest out of Endowment fund - Gold Medal	15	53,126.00	53,126.00				
b) Own Funds (Other than investment)				VI. Finance Charges			
c) Research Grant - unutilised		1,02,41,561.68	46,05,437.95				
f) CME Fund - Pending Utilisation		29,400.00					
g) External Agencies- Pending Utilisation		72,000.00					
IV. Interest Received				VII. Other Payments (Specify)	11		
a) On Bank Deposits	17	3,90,18,875.00	6,68,41,445.00	a) Advance for Capital Expenses		2,34,50,557.00	1,89,94,021.00
				b) Advance for Expenses Employees		16,912.00	19,32,405.00
				c) Advance for Expenses (Others)		20,01,600.00	3,00,000.00

Contd...

RECEIPTS & PAYMENTS FOR THE PERIOD/YEAR ENDED 31st MARCH, 2019

RECEIPTS	Schedule	Current Year (2018-19)	Previous Year (2017-18)	PAYMENTS	Schedule	Current Year (2018-19)	Previous Year (2017-18)
V. Other Income (Specify)							
a) Application Fees	14	13,59,570.00	2,47,82,721.45	VIII. Closing Balances	11	66,345.00	54,799.00
b) Admission Fees (Students)	14	11,45,199.00	10,93,307.00	a) Cash in Hand			
c) Examination Fees	14	34,410.00	36,665.00	b) Bank Balances			
d) Other Fees	14	14,66,835.00	26,675.00	On Current Accounts			
				Bank of India A/c No-557820110000006		(6,43,69,688.28)	(1,56,64,874.48)
				Deposit Accounts (includes margin money)		7,00,00,000.00	7,00,00,000.00
				On Research Account-557820110000020		8,89,135.62	27,12,177.94
				On Patient Treatment A/c-557820110000019		25,52,299.00	25,37,806.00
				On Endowment A/c-557820110000021		-	17,674.00
				On GPF A/c-557820110000022		24,58,366.00	12,73,366.00
				On IR A/c-557820110000032		(1,05,86,618.09)	18,08,98,272.50
				On Application A/c-557820110000026		2,36,19,993.50	2,36,19,993.50
VI. Amount Borrowed/Advance				On Pension Fund A/c-557820110000023		25,20,106.00	25,20,106.00
EMD from Contractors		(50,65,795.00)	17,68,108.00	On Auto Sweep Account		38,06,73,477.00	88,11,00,311.00
				On Auto Sweep Account - Research		2,40,40,033.00	
				On Auto Sweep Account -19		25,06,408.00	
				On Auto Sweep Account -23		9,75,000.00	
				On Auto Sweep Account -32		22,40,89,335.00	
				On Auto Sweep Account -44		10,05,379.00	
				On CME A/c-557820110000033		39,900.00	
				OnRAN Pateint A/c-45		20.00	
				On RBSK-557820110000046		1,94,798.00	
				On Extranal Funded Project A/c-1144		1,91,49,120.80	
				On Poor Pateint A/c-55782011000044		25,58,425.00	
				On Debit Card		19,351.00	
VII. Any Other Receipts	18	8,55,49,793.00	7,61,60,903.56				
TOTAL:		3,59,82,68,782.14	3,38,15,81,439.92	TOTAL:		3,59,82,68,782.14	3,38,15,81,439.92

For and on behalf of All India Institute of Medical Sciences, Bhubaneswar



Financial Advisor



Director

SCHEDULE FORMING PART OF BALANCE SHEET AS AT 31st MARCH, 2019

DETAILS OF SCHEDULE-1 : CORPUS/CAPITAL FUND

PARTICULARS	Current Year (2018-19) (In Rs.)	Previous Year (2017-18) (In Rs.)
Balance as at beginning of the year as on 01.04.2018	3,29,21,04,737.12	2,97,83,82,784.52
Add: Contribution towards Corpus/Capital Fund	20,50,00,000.00	80,00,00,000.00
Add/(Deduct): Balance of net income/(expenditure) transferred from the Income and Expenditure Account	(39,77,27,890.53)	(48,62,78,047.40)
	-	
Balance as at the year end	3,09,93,76,846.59	3,29,21,04,737.12

For and on behalf of All India Institute of Medical Sciences, Bhubaneswar


Financial Advisor


Director

DETAILS OF SCHEDULE-2 : RESERVES AND SURPLUS

PARTICULARS	CURRENT YEAR (2018-19) (In Rs.)		PREVIOUS YEAR (2017-18) (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

DETAILS OF SCHEDULE-3 : EARMARKED/ENDOWMENT FUNDS

PARTICULARS	FUND-WISE BREAK UP	TOTAL	
	Fund for Medals	Current Year (2018-19)	Previous Year (2017-18)
a) <u>Opening balance of the funds</u>			
b) <u>Addition to the Funds:</u>			
i. Donation/grants	7,00,000.00	-	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			1,05,694.00
TOTAL: (a+b)	7,00,000.00	-	8,05,694.00
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)	7,00,000.00	-	8,05,694.00
Notes			
<p>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.</p>			

For and on behalf of All India Institute of Medical Sciences, Bhubaneswar


Financial Advisor


Director

DETAILS OF SCHEDULE-4 : SECURED LOANS AND BORROWINGS

PARTICULARS	CURRENT YEAR (2018-19) (In Rs.)		PREVIOUS YEAR (2017-18) (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

DETAILS OF SCHEDULE-5 : UNSECURED LOANS & BORROWINGS

PARTICULARS	Current Year (2018-19)	Previous Year (2017-18)
	(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

DETAILS OF SCHEDULE-6 : DEFERRED CREDIT LIABILITIES

PARTICULARS	Current Year (2018-19)	Previous Year (2017-18)
	(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

DETAILS OF SCHEDULE-7 : CURRENT LIABILITIES AND PROVISIONS

PARTICULARS	CURRENT YEAR (2018-19) (In Rs.)		PREVIOUS YEAR (2017-18) (In Rs.)	
A. CURRENT LIABILITIES				
1. Acceptances			-	-
2. Sundry Creditors:				
a) For Goods				-
b) Others		12,34,74,631.00		7,26,75,714.94
A K Dey & Night Medicine Store	11,90,728.00		89,746.00	
A K Distributors			34,440.00	
American Society of Clinical Oncology			2,21,637.62	
Alakananda Advertiserment Pvt. Ltd	11,31,222.00		-	
Ananda Industrial Gases			3,24,014.00	
Dr.Ashok Kumar Mohanty - Liability			3,692.00	
Ashutosh Pratihari - Liability			13,660.00	
Axxess Medicom Private Limited	1,22,316.00		6,17,220.00	
Adeline Pharma P Ltd	33,090.00			
Advocates	50,670.00			
Ajay Kumar Mohanty	18,32,570.00			
Apex. Mumbai	8,603.00			
Aatiq Power Solution India P ltd	21,838.00			
Dr.Baijayantimala - Liability			10,000.00	
Balmer Lawrie & Co Ltd (Travel Exp.)	10,02,489.00		4,35,772.00	
Dr.Binod Behera - Liability			5,972.00	
BMJ Publication Group Limited			16,17,349.00	
Board of Radiation & Lsotope Technology	14,479.00		2,36,285.00	
Bombay Intelligent Security Services	1,36,23,836.00		1,16,26,911.00	
Book Allowances Payable	30,000.00			
Batra Swain & Associates	15,753.00			
Capital Traders	1,33,501.00		1,33,501.00	
Dr.Chandamayee Mohanty - Liabilities			5,45,439.00	
CESU (Electricity Charges)	6,81,69,470.00		72,30,225.00	
CL Micromed Pvt Ltd	4,93,553.00		3,71,100.00	
Cash Prize Payable	5,000.00			
Crop Meditech Private Limited			6,22,308.00	
Care & care	5,43,217.00			
Creative Communications	9,408.00			
Crystal Vision	23,541.00			
CEA	81,000.00			
Debasis Behera -Newspaper for Cental Library			12,795.00	
Dr.Debasis Hota - Liabilites			10,000.00	
Durga Supply Agencies	15,58,898.00		78,770.00	
Discovery			2,15,515.00	
Examination Expenses - Liabilites	5,05,806.00		37,800.00	
Extra Duty Allowance Payable	83,300.00			
Eureka Forbes Ltd	64,416.00			
Godrej & Boyce Co ltd			90,581.00	
Happy Travels (Hiring Charges of Vehicle)	12,86,998.00		10,55,607.00	
Hari Om Enterprise			1,34,299.00	
Harsh Tour & Travels			6,020.00	
Healthcare Associates Private Limited			12,49,450.00	
HLL Infratech Services Pvt Ltd	35,041.00			
HLL lifecare Limited	14,25,690.00			
Indo Gulf Pest Control P Ltd			1,34,127.00	
Instrumedix (India) Private Limited			14,280.00	
International Subscription Agency			1,37,82,846.00	
Intramural Research Exp payable	4,660.00			
Imprest of officer payable	36,226.00			
Indian Instrument	8,909.00			
Jackson Limited			28,60,097.00	
Johanson Lifts P limited	11,66,576.00			
Kalayani Contractor & Suppliers			47,200.00	
Kamal Enterprises Bhubaneswar	1,72,210.00			

C

DETAILS OF SCHEDULE-7 : CURRENT LIABILITIES AND PROVISIONS

PARTICULARS	CURRENT YEAR (2018-19) (In Rs.)	PREVIOUS YEAR (2017-18) (In Rs.)
Lab Pro Odisha		47,902.00
Lab Solutions		2,28,295.00
Legal Charges Payable		45,405.00
Luminous infoways p ltd	4,98,600.00	
Manish Taywade - Liabilities		7,390.00
Medical Gas Payable		44,200.00
Medilloyd Medicament P Ltd	2,60,548.00	30,400.00
Meeting Expenses Payable		65,396.00
Maa Kanak Durga	27,50,521.00	-
Mukunda Chandra Sahoo - Liabilities		27,440.00
Mahapatra Scientific Supply		46,491.00
Maa Laxmi Fabricator	14,500.00	
Nishakar Sahoo - Liabilities	35,899.00	17,500.00
Natraj Pharmaceuticals	7,23,673.00	54,738.00
NIFT (Mess Charges)	91,575.00	91,575.00
Noble Enterprises	41,377.00	1,32,829.00
Nodal officer balasore satlite center	50,501.00	
Odisha Scientific House		3,86,400.00
Orissa Diesel Engineers P Ltd		23,402.00
Ovid Technology INC		58,88,739.32
Orican Systems P Limited	10,390.00	
Pradeep Ku Mahallik-Liabilities	1,03,724.00	27,380.00
Pradeep Ku Ray-Laibilities		31,221.00
Prasanta Nayak- Laibilities		3,344.00
Prime Tech Enterprise		24,550.00
Pattanaik Scientific Supply Syndicate	12,044.00	1,88,897.00
Phoenix Medical Systems Pvt Ltd		-
Postal Charges Payable	9,750.00	17,128.00
Prem kumar Mohanty	2,340.00	2,340.00
Prachi Computers	5,200.00	
Ppremlata Tyres	2,37,840.00	
Rajesh Mohanty	4,14,611.00	-
Rabinarayan Pattnaik- Laibilities		40,710.00
Rabindra Surgicals Private Limited		4,26,636.00
Ranjan Printer & Suppliers	2,03,000.00	4,55,825.00
Reimburshment of News paper Bill Payable	61,460.00	-
Repair & Maintenance Work payable		24,700.00
Rana Enterprise	26,99,406.00	
Sanjay Kumar Mohanty- Laibilities		10,525.00
Satvision		74,967.00
Sani clean private limited	1,63,363.00	-
Sayoni		1,40,467.00
Sanjukta Enterprise	596.00	
Security & Intelligence Services (I) Ltd	63,44,367.00	53,99,117.00
S M Enterprise	2,62,845.00	2,62,845.00
Soumendra Nath Adhikari- Laibilities		22,030.00
Shree Sai Service	15,82,454.00	4,355.00
Siemens Healthcare P Ltd	86,671.00	
Sourya Medical System		3,28,125.00
Smruti Ranjan Rout	33,50,094.00	-
Sulabh Surgicals		43,380.00
Sulabh International (Cleaning Charges)	53,82,859.00	41,39,395.00
Swosti Premium Limited	8,520.00	24,295.00
S M Water Solutions	4,67,577.00	
Sukanti Behera	17,567.00	
Sunshine E office Solutions	4,568.00	
The Master Suppliers		2,79,780.00
Total Library Solutions		74,75,117.00
Travelling Expenses Payable	20,27,271.00	3,51,448.00
Telephone Charges Payable	2,23,372.00	3,07,502.00
Unique Distributors	1,20,392.00	12,73,457.00
Vooz		2,35,069.00
Vijaya Gas	2,83,403.00	
Water Charges Payable	36,739.00	54,349.00

Cc

DETAILS OF SCHEDULE-7 : CURRENT LIABILITIES AND PROVISIONS

PARTICULARS	CURRENT YEAR (2018-19) (In Rs.)		PREVIOUS YEAR (2017-18) (In Rs.)	
		1,30,95,572.00		90,33,385.00
A 2 Z Traders-Assets	24,343.00			
A K Dey & Night Medicine Store - Assets			4,19,390.00	
Ahuja Books Company - Assets			18,31,124.00	
Adage Medical Systems- Assets	1,48,000.00			
Benson Medical Equipment - Assets			1,62,870.00	
Cosmotec Medicament Private Limited-Assets			3,69,000.00	
Caltech Life Sciences-Assets	5,70,000.00			
Chromlife INC-Assets	1,63,800.00			
Edumedics-Assets			2,04,288.00	
Furnikare - Assets			2,32,210.00	
Gaurav Enterprises	26,900.00			
Global Associates - Assets			2,05,000.00	
Gita Infovision private limited-assets	2,02,772.00			
Healthware Private Limited-assets			2,56,809.00	
Insta Traders	3,84,232.00			
Jitendra Baroda - Assets			1,81,613.00	
Jubilant DraxImage P Limited - Assets			49,608.00	
Jay Computer & Communication, Cuttack-Assets	1,14,342.00			
Jaypee Brother Medical Publishers- Assets	17,397.00			
K K Infrastructure	20,700.00			
KP Technology	34,734.00			
Lab India - Assets			4,89,000.00	
Life Security - Assets			1,56,800.00	
Methodex Private Limited-Assets			18,90,720.00	
Marik Sound & Music - Assets			2,22,289.00	
Maa Durga Assocites	66,39,020.00			
Medonix Surgicare- Assets	29,150.00			
Omtron Power System - Assets			22,500.00	
Power Max- Assets	2,41,000.00			
Premier Surgicals-Assets	2,45,000.00			
Pristine bio chemical- Assets	74,750.00			
Proglity Technology p ltd-assets	1,62,923.00			
Rabindra Surgical Pvt Ltd - Assets	16,28,185.00			
Research Books & Periodicals Private Limited - Assets			2,98,318.00	
Swosti Computers- Assets	2,28,920.00			
Sushruta Hospital Solutions - Assets	13,87,592.00		2,48,372.00	
Sign Infosys - Assets			42,000.00	
Techniz Books-Assets			4,405.00	
Tan Prints India Private Limited-Assets			21,803.00	
United Surgical Industries-Assets	35,597.00			
Vijoya Subscription & Distribution Services-Assets			1,75,319.00	
Vintex Medical Corporation - Assets			2,48,640.00	
Vishal Surgical Equipment Co - Assets	4,58,975.00		10,93,680.00	
Vishat Diagnostics P Limited - Assets	2,57,240.00		2,07,627.00	
3. Advances Received			-	
4. Interest accrued but not due on:			-	
a) Secured Loans/borrowings				
b) Unsecured Loans/borrowings				
5. Statutory Liabilities:		4,53,53,126.02		2,23,16,213.02
a) Overdue				
b) Others				
TDS-Income Tax Payable-Non-Salary	66,24,060.00		22,331.00	
TDS- On GST Payable	28,07,390.00			
Professional tax payable	(1,200.00)		(1,200.00)	
NPS Deduction	1,67,19,570.02		91,20,095.02	
CPF & EPF Contributions	12,70,578.00		9,54,133.00	
E H S Contributions	90,80,508.00		56,37,183.00	
Licence Fees/ LIC/ CGHS/GIS/GSLI	2,14,840.00		2,13,081.00	
Misc. Recovery/Electricity/ PF Recovery	37,78,899.00		22,60,104.00	
GPF Fund	13,78,353.00		5,98,353.00	
DFW(O) SMCSC			17,030.00	
Pension Fund	34,95,103.00		34,95,103.00	

DETAILS OF SCHEDULE-7 : CURRENT LIABILITIES AND PROVISIONS

PARTICULARS	CURRENT YEAR (2018-19) (In Rs.)		PREVIOUS YEAR (2017-18) (In Rs.)	
Security Deposit From student	(14,975.00)			
6. Other Current Liabilities		1,73,899.00		1,21,336.00
a) Fees Refundable to students	45,856.00		45,856.00	
Student Benevolent Fund	55,998.00		36,185.00	
Caution Money from Students	72,045.00		39,295.00	
b) Earnest Money Deposit		95,29,427.00		1,45,95,222.00
c) Salary Payable		17,40,57,806.00		10,16,18,234.00
Regular Staff	13,79,61,088.00		9,91,74,833.00	
Contractual Staff	14,75,278.00		-	
Stipend Payable	30,48,274.00		18,36,600.00	
Remuneration Payable	1,15,980.00			
LRA Payable	3,14,57,186.00		6,06,801.00	
d) Other Payables		10,71,47,267.00		8,09,66,460.00
Internal Electrical BOQ	20,88,693.00		20,88,693.00	
Recovery of Mobilisation Advance - Principal	2,33,09,739.00		2,23,09,741.00	
Recovery of Mobilisation Advance - Interest	36,09,175.00		35,92,189.00	
Recovery of Secured Advance	3,30,46,817.00		3,03,85,104.00	
Performance Security	2,12,606.00			
Security Kept from Contractors	1,57,39,351.00		1,33,77,537.00	
Withheld Amount from Contractors	2,91,40,886.00		92,13,196.00	
e) Research Grant - Pending Utilisation		2,35,26,675.63		1,32,85,113.95
f) CME Fund - Pending Utilisation		30,000.00		
g) External Agencies- Pending Utilisation		72,000.00		
TOTAL: (A)		49,64,60,403.65		31,46,11,678.91
B. PROVISIONS				
1. For Taxation				
2. Gratuity				
3. Superannuation/Pension				
4. Accumulated Leave Encashment				
5. Trade Warranties/Claims				
6. Others (Specify)				
TOTAL: (B)				-
TOTAL: (A+B)		49,64,60,403.65		31,46,11,678.91

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-751018

DETAILS OF SCHEDULE-8 : FIXED ASSETS

DESCRIPTION	GROSS BLOCK (in Rs.)			DEPRECIATION (in Rs.)			NET BLOCK			
	Cost/Valuation as at beginning of the year	Addition during the year	Deduction during the year	Cost/Valuation at the year-end	As at the beginning of the year	On Additions & Opening During the year	On Deductions During the year	Total up to the year-end	As at the current year-end	As at the previous year-end
FIXED ASSETS:										
LAND										
a) Freehold	-	-	-	-	-	-	-	-	-	-
b) Leasehold	2.00	-	-	2.00	-	-	-	-	2.00	2.00
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										
FURNITURE & FIXTURES										
OFFICE EQUIPMENTS										
SCIENTIFIC EQUIPMENTS										
a) Scientific Equipments-AIIMS										
b) Scientific Equipments-HLL										
c) Scientific Equipments-AIIMS life saving										
d) Scientific Equipments-HLL life saving										
COMPUTER PERIPHERALS										
ELECTRIC INSTALLATIONS										
ELECTRIC Gas Pipe Line System										
LIBRARY BOOKS/JOURNALS										
TOTAL OF CURRENT YEAR (A)	1,48,99,90,006.12	64,43,08,478.52	9,03,45,120.00	2,04,39,43,384.64	37,61,45,932.74	25,49,54,497.00	-	63,11,00,429.74	1,41,28,42,934.90	1,11,38,34,073.38
Capital Work In Progress										
Building Works										
a) Building Work										
b) Central AC										
c) Electrification										
d) Project Fund										
e) Boundary wall work at Baleswar										
f) Milestone Bill										
g) Building at Baleswar Satellite Centre										
For Equipments from HLL	21,42,74,786.88	23,30,82,998.00	27,64,19,703.40	17,09,38,081.48	-	-	-	-	17,09,38,081.48	21,42,74,786.88
TOTAL OF CURRENT YEAR(B)	1,28,05,42,744.88	40,25,92,303.00	27,64,19,703.40	1,40,67,05,344.48	37,61,45,932.74	25,49,54,497.00	-	63,11,00,429.74	1,40,67,05,344.48	1,28,05,42,744.88
TOTAL OF CURRENT YEAR(A+B)	2,77,05,22,751.00	1,04,68,90,781.52	36,67,64,823.40	3,45,06,48,708.12	75,23,019.48	25,49,54,497.00	-	126,214,859.48	2,81,96,48,279.38	2,39,43,76,818.26

For and on behalf of All India Institute of Medical Sciences,

Financial Advisor

Director

**ALL INDIA INSTITUTE OF MEDICAL SCIENCES, BHUBANESWAR
SIJUA, PATRAPARA, BHUBANESWAR-751019**

DETAILS OF SCHEDULE-9 : INVESTMENTS FROM EARMARKED/ENDOWMENT FUNDS

PARTICULARS	Current Year (2018-19)	Previous Year (2017-18)
	(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 (2018-19)	Previous Year (2017-18)
	(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,


 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 (2018-19)		Previous Year (2017-18)	
	(In Rs.)		(In Rs.)	
A. CURRENT ASSETS:				
1. <u>Inventories:</u>				
a) Stores and Spares	-			
b) Loose Tools				
c) Stock-in-trade				
Finished Goods				
Work-in-progress				
Raw Materials				
	-		-	
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)	66,345.00	66,345.00	54,799.00	54,799.00
4. <u>Bank Balances:</u>				
a) <u>With Scheduled Banks:</u>				
On Current - Flexi Account (Auto Sweep)				
Bank of India A/c No-557820110000006	(6,43,69,688.28)		(1,56,64,874.48)	
-On Deposit Accounts (TDR)	7,00,00,000.00		7,00,00,000.00	
On Current - Flexi Account (Auto Sweep)				
-On Research Account-557820110000020	8,89,135.62		27,12,177.94	
-On Patient Treatment A/c-557820110000019	25,52,299.00		25,37,806.00	
-On Endowment A/c-557820110000021			17,674.00	
-On GPF A/c-557820110000022	24,58,356.00		12,73,356.00	
-On Internal Resources A/c-557820110000032	(1,05,86,618.09)		18,08,98,272.50	
-On Application A/c-557820110000026	2,36,19,993.50		2,36,19,993.50	
-On Pension Fund A/c-557820110000023	25,20,106.00		25,20,106.00	
-On Auto Sweep Account - Research	2,40,40,033.00		1,12,27,708.00	
-On Auto Sweep Account - General	38,06,73,477.00		86,98,72,603.00	
-On Auto Sweep Account -19	25,06,408.00			
-On Auto Sweep Account -23	9,75,000.00			
-On Auto Sweep Account -32	22,40,89,335.00			
-On Auto Sweep Account -44	10,05,379.00			
-On CME A/c-557820110000033	39,900.00			
-On RAN Pateint A/c-557820110000045	20.00			
-On RBSK-557820110000046	1,94,798.00			
-On Poor Pateint A/c-557820110000044	25,58,425.00			
On Saving Bank Account				
-On Externally Funded Project A/c-557810110001144	1,91,49,120.80			
-On Debit Card	19,351.00			
	68,23,34,830.55	68,23,34,830.55	1,14,90,14,822.46	1,14,90,14,822.46
b) <u>With Non-Scheduled Bank:</u>				
-On Current Accounts				
-On Deposit Accounts				
-On Savings Accounts				
5. <u>Other Receivable</u>				
RBSK Receivable		87,262.00		4,360.00
Rent Receivable from Bank		22,500.00		22,500.00
TDS Receivable		1,17,800.00		87,000.00
TOTAL (A)		68,26,28,537.55		1,14,91,83,481.46

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 (2018-19)		Previous Year (2017-18)	
	(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	4,84,43,369.00		2,49,92,812.00	
b) Prepayments				
c) Others:				
Advance for Expenses (Employees) - Annexure-B	25,05,316.00		24,88,404.00	
Advance to Other Parties - Annexure - C	23,07,456.00		3,05,856.00	
Security Deposits - Annexure - D	87,13,058.00		87,13,058.00	
3. <u>Income Accrued:</u>		6,19,69,199.00		3,65,00,130.00
a) On Investments from Earmarked/Endowment Funds				
b) On Investments-Others				
c) On Deposit with Bank	3,16,91,234.33		2,67,61,680.33	
d) On Rent from Bank				
4. <u>Claims Receivable</u>		3,16,91,234.33		2,67,61,680.33
TOTAL (B)		9,36,60,433.33		6,32,61,810.33
TOTAL (A+B)		77,62,88,970.88		1,21,24,45,291.79

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 ANNEXURE-A TO SCHEDULE 11: ADVANCE TO OTHER PARTIES

NAME OF THE PARTIES	Current Year (2018-19)	Previous Year (2017-18)
	(In Rs.)	(In Rs.)
Advance to CPWD		
a) Executive Engineer BCD-II CPWD, BBSR	3,54,77,800.00	60,00,000.00
Advance to State PH Division		
b) E E P.H Division-iii (for water line pipe connection)	32,124.00	32,124.00
c) Bhambra Service Center		3,20,000.00
d) EDCIL (India) Limited		1,69,20,000.00
e) Power Grid Corporation of India	17,20,688.00	17,20,688.00
f) EE CPWD BCDD-II Petronet LNG	50,00,000.00	
g) EE BCD-1 CPWD Bhubanewar-Kayakalpa	62,12,757.00	
TOTAL	4,84,43,369.00	2,49,92,812.00

DETAILS OF ANNEXURE-B TO SCHEDULE 11: ADVANCE TO EMPLOYEES

NAME OF THE PARTIES	Current Year (2018-19)	Previous Year (2017-18)
	(In Rs.)	(In Rs.)
1 Dr Manoj Kumar Mohanty		1,16,110.00
2 Dr.Pravas Ranjan Mishra	353.00	20,353.00
3 Sri Sanjaya Ku. mohanty (EE civil)	10,450.00	-
4 Dr.Prabeer Chandra Mohanty	42,300.00	42,300.00
5 Dr Prashant Nayak	5,000.00	-
6 Dr.Soubhagya Kumar Jena		2,000.00
7 Dr Baijayanta Mala Mishra	5,000.00	-
8 Dr.Sushil Chandra Mohapatra	15,000.00	1,80,000.00
9 Dr Rituparna Maiti	2,120.00	-
10 Dr Somanath Mukharjee	15,000.00	-
11 Dr.Vikash Bhatia	1,00,465.00	31,645.00
12 Dr Jawashar SK Pillai	3,03,675.00	-
13 Dr.C Preetam		1,72,000.00
14 Pay & accounts officer	700.00	-
15 Dr.Jayant Kumar Mitra	28,140.00	28,140.00
16 Shine stephen	20,000.00	-
17 Dr Amit Ghosh	11,800.00	-
18 Dr. Rabi narayan Sahoo	5,000.00	-
19 Dr. Manoj Kumar Mohanty (Prof)	1,00,000.00	-
20 Dr.Mukunda Chandra Sahoo	9,910.00	23,000.00
21 Dr.Somnath Padhi	15,000.00	15,000.00
22 Dr Prabadha ku Das	20,000.00	-
23 Dr Prabhash ranjan Tripathy	90,000.00	-
24 Dr Prabhash ranjan Tripathy-RBSK	1,29,000.00	
25 Dr.Swagat Tripathy	8,300.00	32,300.00
26 Dr. Arvind Singh	41,200.00	25,000.00
27 Dr. Binod Kumar Behera		5,500.00
28 Dr. Sukdev Nayak		40,000.00
29 Dr Ananda Srinivasta		15,000.00
30 Dr Asha P Shetth	45,000.00	21,000.00
31 Dr kanhayalal Agrawal		20,000.00
32 Dr Ram Chandra Barik HOD Cardiology	10,000.00	10,000.00
33 Dr Sachidananda Mohanty	5,000.00	5,000.00
34 Dr Sourav Sarkar	47,960.00	7,960.00
35 Dr. Sweta Singh	3,000.00	3,000.00
36 Mr Nishakar Sahoo	(99,509.00)	10,000.00
37 Mr Shyama Prasad	6,06,852.00	-
38 P & AO Board of Radiation & Isotop technology		97,000.00

Contd...

DETAILS OF ANNEXURE-B TO SCHEDULE 11: ADVANCE TO EMPLOYEES

39 Sanction of LTC Advance	6,46,056.00	11,10,322.00
40 Mr. Bidhu Bhusana Mishra	2,54,144.00	3,34,859.00
41 Mr. Sujan Kumar Mohanty		22,000.00
Imprest Advance		-
1 Chief Warden & Chairman Hostel Committee		4,995.00
2 HOD Dermatology & Venercology		5,000.00
3 HOD Gynecology & Obstretics		5,000.00
4 HOD Surgical Oncology		5,000.00
5 Chairman Medical Education Unit		4,450.00
6 Executive Engineer Civil		340.00
7 Dr M C Sahoo Baleswar Satlite Center		20,000.00
8 Dr Prasant Nayak Dept. of Urology		5,000.00
9 HOD Anaesthesiology		5,000.00
10 HOD- Burn & Plastic Surgery		5,000.00
11 HOD Medical Oncology		5,000.00
12 HOD- Endocrinology	5,000.00	3,892.00
13 HOD Orthopedics		5,000.00
14 Medical Superintendent		20,000.00
15 Superintendent Engineer		238.00
16 Sr. Procurement -Cum- Store Officer		5,000.00
17 HOD- Dept. of Redio Diagnosis	(1,600.00)	
18 HOD- Neurology	5,000.00	
TOTAL	25,05,316.00	24,88,404.00

DETAILS OF ANNEXURE-C TO SCHEDULE 11: ADVANCE TO OTHER PARTIES

NAME OF THE PARTIES	Current Year (2018-19)	Previous Year (2017-18)
	(In Rs.)	(In Rs.)
1 Admission Fees receivable from Students - AIIMS Patna	5,856.00	5,856.00
2 AIIMS Students welfare Fund	3,00,000.00	3,00,000.00
3 AIIMS Guwahati	20,01,600.00	
TOTAL	23,07,456.00	3,05,856.00

DETAILS OF ANNEXURE-D TO SCHEDULE 11: SECURITY DEPOSIT

NAME OF THE PARTIES	Current Year (2018-19)	Previous Year (2017-18)
	(In Rs.)	(In Rs.)
1 CESU - Security Deposit	85,88,058.00	85,88,058.00
2 Security Deposit with NIFT	1,25,000.00	1,25,000.00
TOTAL	87,13,058.00	87,13,058.00

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 (2018-19)	Previous Year (2017-18)
	(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)		
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-13: GRANTS/SUBSIDIES

PARTICULARS	Current Year (2018-19)	Previous Year (2017-18)
	(In Rs.)	(In Rs.)
(Irrevocable Grants & Subsidies Received)		
1. Central Government		
Capital Grants	20,50,00,000.00	80,00,00,000.00
Revenue Grants	2,07,18,00,000.00	83,15,00,000.00
Swachha Bharat Grant		5,01,00,000.00
2. State Government (s)		
3. Government Agencies		
4. Institutions/Welfare Bodies		
5. International Organisations		
6. Others (Specify)		
a) Grant Amount received		
AIIMS BBSR CME A/C	-	20,000.00
For Clinical Trial From Biocard India P Ltd	-	51,400.00
ICMR Grant	16,92,358.00	6,00,000.00
NTPC Grant	2,84,00,000.00	98,000.00
Patient Treatment Fund	6,40,799.00	13,48,000.00
Shri Ganga Trust	50,000.00	-
UNICEF Grant	13,54,255.00	-
Institutional Overhead	15,799.00	-
Rastriya Arogya Nidhi	1,50,000.00	-
RBSK- Grant	-	20,00,000.00
RNTCP Prog- Govt Of Odisha	-	1,10,000.00
Workshop & Seminar Programme	-	24,500.00
CRPF Grant	4,98,000.00	-
b) Assistant Amount received		
from CM Relief Fund	2,38,000.00	1,67,000.00
from PM Relief Fund	54,02,412.00	14,35,256.00
		-
TOTAL	2,31,52,41,623.00	1,68,74,54,156.00

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-13*: GRANTS/SUBSIDIES

PARTICULARS	Current Year (2018-19)	Previous Year (2017-18)
	(In Rs.)	(In Rs.)
(Irrevocable Grants & Subsidies Received)		
1. Central Government		
Revenue Grants	2,07,18,00,000.00	83,15,00,000.00
Swachha Bharat Grant	-	5,01,00,000.00
2. State Government (s)		-
3. Government Agencies		
4. Institutions/Welfare Bodies		
5. International Organisations		
6. Others (Specify)		
a) Grant Amount received		
AIIMS BBSR CME A/C		20,000.00
For Clinical Trial From Biocard India P Ltd		51,400.00
ICMR Grant	16,92,358.00	6,00,000.00
NTPC Grant	2,84,00,000.00	1,00,000.00
Patient Treatment Fund	6,40,799.00	13,48,000.00
Shri Ganga Trust	50,000.00	
UNICEF Grant	13,54,255.00	
Institutional Overhead	15,799.00	
Rastriya Arogya Nidhi	1,50,000.00	-
RBSK- Grant	-	20,00,000.00
RNTCP Prog- Govt Of Odisha	-	1,10,000.00
Workshop & Seminar Programme	-	24,500.00
CRPF Grant	4,98,000.00	
b) Assistant Amount received		
from CM Relief Fund	2,38,000.00	1,67,000.00
from PM Relief Fund	54,02,412.00	14,35,256.00
	-	
TOTAL	2,11,02,41,623.00	88,74,56,156.00

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-14: FEES/SUBSCRIPTIONS

PARTICULARS	Current Year (2018-19)	Previous Year (2017-18)
	(In Rs.)	(In Rs.)
1. Application Fees	13,59,570.00	2,47,82,721.45
2. Admission Fees (Students)	11,45,199.00	10,93,307.00
3. Examination Fees	34,410.00	36,665.00
4. Fine Collection	36,250.00	22,930.00
5. Re- Admission Fees	585.00	3,745.00
6. Penalty of Quitting the course during Mid-term	14,30,000.00	
TOTAL	40,06,014.00	2,59,39,368.45

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-14*: FEES/SUBSCRIPTIONS

PARTICULARS	Current Year (2018-19)	Previous Year (2017-18)
	(In Rs.)	(In Rs.)
1. Application Fees	13,59,570.00	2,47,82,721.45
2. Admission Fees (Students)	11,45,199.00	10,93,307.00
3. Examination Fees	34,410.00	36,665.00
4. Fine Collection	36,250.00	22,930.00
5. Re- Admission Fees	585.00	3,745.00
6. Penalty of Quitting the course during Mid-term	14,30,000.00	-
TOTAL	40,06,014.00	2,59,39,368.45

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-15: INCOME FROM INVESTMENTS

PARTICULARS	Investment from Earmarked Fund		Investment-Others	
	Current Year (2018-19)	Previous Year (2017-18)	Current Year (2018-19)	Previous Year (2017-18)
(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	53,126.00			
2. Dividends:				
a) On Shares				
b) On Mutual Fund Securities				
3. Rents				
4. Others (Specify)				
TOTAL	53,126.00	-	-	-
TRANSFERRED TO EARMARKED/ENDOWMENT FUNDS				

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-15*: INCOME FROM INVESTMENTS

PARTICULARS	Investment from Earmarked Fund		Investment-Others	
	Current Year (2018-19)	Previous Year (2017-18)	Current Year (2018-19)	Previous Year (2017-18)
(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	1,05,694.00			
c) On Fixed Deposit-current year	53,126.00			
2. Dividends:				
a) On Shares				
b) On Mutual Fund Securities				
3. Rents				
4. Others (Specify)				
TOTAL	1,58,820.00	-	-	-
TRANSFERRED TO EARMARKED/ENDOWMENT FUNDS				

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-16: INCOME FROM ROYALTY, PUBLICATION ETC

PARTICULAR	Current Year (2018-19)	Previous Year (2017-18)
	(In Rs.)	(In Rs.)
1. Income from Royalty 2. Income from Publications 3. Others (specify)		
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-17: INTEREST EARNED AND RECEIVED

PARTICULAR	Current Year (2018-19)	Previous Year (2017-18)
	(In Rs.)	(In Rs.)
1. On Term Deposit:		
a) With Scheduled Banks	1,54,527.00	453.00
b) With Non-Scheduled Banks		
c) With Institutions		
d) Others		
2. On Savings Accounts:		
a) With Scheduled Banks		-
b) With Non-Scheduled Banks		
c) With Institutions		
d) Others		
3. On Loans:		
a) Employees/Staff		
4. Auto Sweep A/c Interest	3,88,64,348.00	6,68,40,992.00
TOTAL	3,90,18,875.00	6,68,41,445.00

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-17*: INTEREST EARNED

PARTICULAR	Current Year (2018-19)	Previous Year (2017-18)
	(In Rs.)	(In Rs.)
1. On Term Deposit:		
a) With Scheduled Banks	50,84,081.00	46,37,197.00
b) With Non-Scheduled Banks		
c) With Institutions		
d) Others - Auto Sweep	3,88,64,348.00	6,68,40,992.00
2. On Savings Accounts:		
a) With Scheduled Banks	-	-
b) With Non-Scheduled Banks		
c) With Institutions		
d) Others		
3. On Loans:		
a) Employees/Staff		
TOTAL	4,39,48,429.00	7,14,78,189.00

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-18: OTHER INCOME

	PARTICULAR	Current Year	Previous Year
		(2018-19)	(2017-18)
		(In Rs.)	(In Rs.)
1	Tender Processing fees	73,000.00	4,66,947.00
2	Rent Charges:	-	15,22,343.35
	Rent From Auditorium	25,000.00	
	Rent from Restaurant	85,500.00	
	Rent from BOI	2,70,000.00	
	Rent from Guest House	8,27,400.00	
	Rent from Hospital Catering Service	28,692.00	
	Rent from Medicine store	1,51,700.00	
	Rent from SBI	1,20,000.00	
	Rent from Teastall	40,000.00	
	Rent received from BSNL Tower	72,000.00	
3	OPD Collection	6,79,44,017.00	5,82,34,597.21
4	Miscellaneous Receipts/ Recovery	1,23,145.00	5,028.00
5	Licence fee for quarters	7,18,748.00	1,87,568.00
6	RTI fee Received	1,376.00	1,970.00
7	Electricity & Water charges from catering service	3,86,378.00	4,93,948.00
8	Water Charges Received from BOI & Pathcare	66,612.00	-
9	Interest received on Electricity Security Deposit	3,98,831.00	5,58,363.00
10	Scrap & Waste	-	10,435.00
11	Penalty	-	4,38,000.00
12	OPD Balasore satelite Center	51,810.00	-
13	Eletricity Charges Received from Employee	10,19,942.00	1,33,081.00
14	Fine Collect From Library	34,845.00	21,835.00
15	Registration Fees Received for CME	625.00	1,125.00
16	Recovery of Salary in lieu of Notice Period	1,27,22,746.00	40,50,133.00
17	Prize Money- Swachhata Action Plan	-	1,00,00,000.00
18	Income Tax Refund	-	35,530.00
19	LD Charges	1,66,567.00	
20	Electricity charges from BSNL Tower	1,00,142.00	
21	Registration Fee	1,09,272.00	
22	Suspense Receipt	11,445.00	-
TOTAL		8,55,49,793.00	7,61,60,903.56

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

	PARTICULAR	Current Year	Previous Year
		(2018-19)	(2017-18)
		(In Rs.)	(In Rs.)
1	Tender Processing fees	73,000.00	4,66,947.00
2	Rent Charges:	-	15,74,843.35
	Rent From Auditorium	25,000.00	
	Rent from Restaurant	85,500.00	
	Rent from BOI	3,00,000.00	
	Rent from Guest House	8,27,400.00	
	Rent from Hospital Catering Service	28,692.00	
	Rent from Medicine store	1,51,700.00	
	Rent from SBI	1,20,000.00	
	Rent from Teastall	40,000.00	
	Rent received from BSNL Tower	72,000.00	
3	OPD Collection	6,80,26,919.00	5,82,38,957.21
4	Miscellaneous Receipts/ Recovery	1,23,145.00	5,028.00
5	Licence fee for quarters	7,18,748.00	1,87,568.00
6	RTI fee Received	1,376.00	1,970.00
7	Electricity & Water charges	3,86,378.00	4,93,948.00
8	Water Charges Received from BOI & Pathcare	66,612.00	-
9	Interest received on Electricity Security Deposit	3,98,831.00	5,58,363.00
10	Scrap & Waste		10,435.00
11	Penalty		4,38,000.00
12	OPD Balasore satelite Center	51,810.00	-
13	Eletricity Charges Received from Employee	10,19,942.00	1,33,081.00
14	Fine Collect From Library	34,845.00	21,835.00
15	Regisration Fees Received for CME	625.00	1,125.00
16	Recovery of Salary in lieu of Notice Period	1,27,22,746.00	40,50,133.00
17	Prize Money- Swachhata Action Plan		1,00,00,000.00
18	Interest on Income Tax Refund		530.00
19	LD Charges	1,66,567.00	
20	Electricity charges from BSNL Tower	1,00,142.00	
21	Registration Fee	1,09,272.00	
22	Electricity Charges from SBI	11,445.00	-
TOTAL		8,56,62,695.00	7,61,82,763.56

For and on behalf of All India Institute of Medical Sciences, Bhubaneswar

DBh.
Financial Advisor

P. Singh
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 (2018-19)	Previous Year (2017-18)
	(In Rs.)	(In Rs.)
1. Closing Stock		
-Finished Goods	-	
-Work-in-Progress		
2. Less: Opening Stock		
-Finished Goods		
-Work-in-Progress		
-Disposables & Consumables		
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-20: ESTABLISHMENT EXPENSES

PARTICULAR	Current Year (2018-19)	Previous Year (2017-18)
	(In Rs.)	(In Rs.)
1. Salaries		
Salary of Regular Employee	53,78,97,551.00	39,33,12,140.00
Salary to Regular appointed Nursing Sister Gr-II	28,29,70,007.00	16,33,84,203.00
Reimbursement of LTC	76,84,972.00	54,40,862.00
Tuition Fees Reimbursement	-	8,71,488.00
News Paper Bill Riembursement	7,70,990.00	22,474.00
Children Education Allowances	70,08,690.00	9,000.00
Death Gratuity	-	4,14,988.00
Deputation Staff Salary	1,71,43,125.00	1,19,90,445.00
EI- Encashment- Faculty	8,48,235.00	1,75,786.00
EI- Encashment- Others	-	16,390.00
Leave Encashment	-	3,58,501.00
Transfer TA(Composition Grant)	25,92,366.00	12,97,286.00
Tutor & Instructors	2,37,06,290.00	21,56,601.00
2. Medical Treatment		
Reimbursement of Medical Bill	1,02,45,855.00	20,57,588.00
3. Pensionary Charges		
CPF Employer contribution	-	94,718.00
Leave Salary & Pensionary Contribution	13,67,684.00	9,79,850.00
NPS Employer's Contribution	5,25,94,025.00	2,70,36,068.00
Administrative Charges	18,769.00	17,397.00
Contribution to LS & PC	2,96,871.00	6,64,975.00
EDLI	36,538.00	38,886.00
GSLI Employers Contribution	52.00	1,538.00
Provident Fund Employer's Contribution	4,71,928.00	6,23,108.00
Remittance For Staff	-	65,46,873.00
Service Charge og EDLI	5,346.00	4,539.00
4. Wages		
Salary & Wages for Contractual Employees	41,58,37,682.00	25,00,99,433.00
5. Prior Period Expenses	87,76,251.00	
Change in Current Liabilities		
Professional tax payable	-	(400.00)
TDS on GST Payable	(28,07,390.00)	
NPS Deduction	(75,99,475.00)	(64,99,860.99)
CPF & EPF Contributions	(3,16,445.00)	(6,27,306.00)
E H S Contributions	(34,43,325.00)	(21,11,725.00)
CGEGIS Contribution	-	178.00
Licence Fees/ LIC/ CGHS/GIS/GSLI	(1,759.00)	(2,13,081.00)
Scooter Advance	-	500.00
Misc. Recovery/Electricity/ PF Recovery	(15,18,795.00)	(22,60,104.00)
GPF Fund	(7,80,000.00)	(5,98,353.00)
DFW(O) SMCSC	17,030.00	(17,030.00)
Pension Fund	-	(34,95,103.00)
Salary Payable to Regular Staff	(3,87,86,255.00)	(6,37,05,069.00)
Salary Payable to Contractual Staff	(14,75,278.00)	1,30,33,601.00
Stipend Payable	(12,11,674.00)	(9,77,400.00)
Remuneration Payable	(1,15,980.00)	
LRA Payable	(3,08,50,385.00)	(6,06,801.00)
Security Deposit From student	14,975.00	
TOTAL	1,28,13,98,471.00	79,95,37,183.01



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 (2018-19)	Previous Year (2017-18)
	(In Rs.)	(In Rs.)
1. Salaries		
Salary of Regular Employee	53,78,97,551.00	39,33,12,140.00
Salary to Regular appointed Nursing Sister Gr-II	28,29,70,007.00	16,33,84,203.00
Reimbursement of LTC	76,84,972.00	54,40,862.00
Tution Fees Reimbursement		8,71,488.00
News Paper Bill Riemburshment	7,70,990.00	22,474.00
Children Education Allowances	70,08,690.00	9,000.00
Death Gratuity		4,14,988.00
Deputation Staff Salary	1,71,43,125.00	1,19,90,445.00
E.L- Encashment- Faculty	8,48,235.00	1,75,786.00
E.L- Encashment- Others		16,390.00
Leave Encashment		3,58,501.00
Tranfer TA(Composition Grant)	25,92,366.00	12,97,286.00
Tutor & Instructors	2,37,06,290.00	21,56,601.00
2. Medical Treatment		
Reimbursement of Medical Bill	1,02,45,855.00	20,57,588.00
3. Pensionary Charges		
CPF Employer's contribution	-	94,718.00
Leave Salary & Pensionary Contribution	13,67,684.00	9,79,850.00
NPS Employer's Contribution	5,25,94,025.00	2,70,36,068.00
Administrative Charges	18,769.00	17,397.00
Contribution to LS & PC	2,96,871.00	6,64,975.00
EDLI	36,538.00	38,886.00
GSLI Employers Contribution	52.00	1,538.00
Provident Fund Employer's Contribution	4,71,928.00	6,23,108.00
Remittance For Staff		65,46,873.00
Service Charges of EDLI	5,346.00	4,539.00
4. Wages		
Salary & Wages for Contractual Employees	41,58,37,682.00	25,00,99,433.00
5. Prior Period Expenses	87,76,251.00	
TOTAL	1,37,02,73,227.00	86,76,15,137.00
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-21: ADMINISTRATIVE EXPENSES ETC.

Sl No	PARTICULAR	Current Year (2018-19)	Current Year (2018-19)	Previous Year (2017-18)
		(In Rs.)	(In Rs.)	(In Rs.)
1	Professional charges		-	
	E-TDS Return Filing		-	
	Legal expenses		4,73,568.00	2,11,440.00
	Professional charges		28,09,710.00	2,08,300.00
	Audit & Consultancy Fees		-	4,04,930.00
2	Office expenses		-	-
	Hiring of Vehicle		1,33,38,020.00	-
	News Paper & Periodicals		92,300.00	79,68,196.00
	Miscellaneous Expenses		23,27,256.00	40,099.00
	Payment towards Electricity Charges		16,07,63,008.00	18,01,375.00
	Payment towards Postage Bills		2,27,594.00	5,25,11,619.00
	Printing & Stationary		(2,28,96,459.94)	1,76,229.00
	Printing & Stationary-Internal Resources A/c		1,04,998.00	41,62,988.00
	Telephone & Internet Charges		32,65,630.00	9,70,734.00
	Water Charges		6,85,182.00	29,04,286.00
	Insurance Charges		8,467.00	5,07,237.00
	Reimbursement Of Telephone Bill		15,04,250.00	-
	Maintenance office equipment		62,301.00	10,09,537.00
	Other Office Expenses-Internal Resources A/c		-	7,10,414.00
	Web Design & Maintenance		-	11,372.00
	Conveyance Allowance		1,28,53,618.00	5,84,472.00
	Cable TV Recharge		98,635.00	1,22,30,296.00
			-	-
3	Minor Work		-	-
	Repair Work in Departments		6,01,43,624.00	4,00,19,214.00
	Repair Work in Departments-Internal Resources A/c		-	82,97,445.00
			-	-
4	Domestic Travelling Expenses		-	-
	Payment of Tour TA/DA to staff		2,08,61,227.00	2,46,83,346.00
			-	-
5	Foreign Travelling Expenses		-	-
	Payment of Tour TA/DA to staff		65,17,903.00	32,28,032.00
			-	-
6	Advertising & Publicity		-	-
	Advertisement & Press Conference Expenses		1,71,79,780.00	1,21,08,434.00
			-	-
7	Other Administrative expenses		-	-
	Payment to LRA to staff-Internal Resources A/c		-	6,23,273.00
	Payment to LRA to staff		3,78,64,842.00	75,23,014.00
	E-Journal-short term		17,22,891.68	14,21,617.32
	Misc Administrative Expenses		40,24,614.00	9,38,990.00
	Misc Administrative Expenses-Internal Resources A/c		499.00	-
	Reimbursement of Registration fees for Conference		-	15,15,444.00
	Seminar\CME\ Work shop expenses		18,99,274.00	20,51,111.00
	Special Programme and Meeting expenses		7,39,837.00	19,55,722.00
	Special Programme and Meeting expenses-Internal Resources A/c		-	3,000.00
	Stipend to B.SC Nursing Student		-	1,24,54,786.00
	Stipend to Nursing Student		33,21,153.00	13,66,000.00
	Examination Expenses		4,93,20,906.00	22,45,983.00
	GST Training Expenses		-	43,062.00
	Stipend to MBBS Student		2,87,90,941.00	-
	Bank Charges & Commission		7,579.20	47,396.40
	Pollution Control Fee		-	1,02,800.00
	Recruitment Expenses		14,64,505.00	38,02,599.00
	Students Welfare		3,47,896.00	4,82,702.00
	Membership Fee		2,72,944.00	-
	Honorarium		18,000.00	-

Sl No	PARTICULAR	Current Year (2018-19)	Current Year (2018-19)	Previous Year (2017-18)
		(In Rs.)	(In Rs.)	(In Rs.)
	Celebration		72,35,494.00	10,75,670.00
	Intramural Research Expenses		36,81,245.00	33,73,115.00
	Intramural Research Expenses-Internal Resources A/c		5,18,337.00	-
	NSDL & CRA Charges		80,592.00	53,338.00
	GST Expenses		14,54,632.00	-
	Other Office Expenses		8,12,591.00	-
	IT Development Expenses		1,52,220.00	-
8	Other Contractual expenses			-
	Payment to Outsourced staff		14,75,66,028.00	10,47,13,980.00
	Payment to Security Service Agency		7,36,37,021.00	5,83,58,950.00
	Payment to Hospital Catering Service Agency		2,57,45,660.00	1,45,11,779.00
	Payment to Laundry Service Agency		1,03,67,276.00	18,75,387.00
	Payment to Pathological Service Agency		7,11,346.00	35,87,176.00
	Payment to Bio-Medical Waste Management Service		-	9,88,765.00
	Payment to Bio-Medical Waste Management Service-Internal Resources A/c		9,19,420.00	99,302.00
	Payment to Cleaning & House Keeping Service Agency		-	4,58,38,297.00
	Payment to Hospital Information Service Agency		6,62,67,239.00	38,50,054.00
9	Publications			-
	Printing & Publication of Journal / Report /Magazine		11,94,861.00	2,97,03,445.94
10	Supplies & Materials			-
	Fuel & Lubricants for Ambulance & DG Set		33,023.00	8,58,627.00
	Hospital Linen		34,06,852.00	14,58,892.00
	Hospital Linen-Internal Resources A/c		2,46,072.00	2,31,833.00
	Medical Gas including LPG Expenses		-	42,92,568.00
	Medical Gas including LPG Expenses-Internal Resources A/c		31,45,719.00	-
	Payment for Blood & Plasma etc.		2,44,420.00	2,52,820.00
	Payment for Blood & Plasma etc. - Internal Resources A/c		49,720.00	23,540.00
	Procurement of Chemical & Reagents		3,48,43,837.00	2,30,88,643.00
	Procurement of Chemical & Reagents-Internal Resources A/c		54,00,515.00	54,78,985.00
	Procurement of Disposables & Consumables		10,11,19,004.00	3,54,48,715.00
	Procurement of Disposables & Consumables-Internal Resources A/c		3,01,89,905.00	57,97,876.00
	Procurement of Drugs,		2,95,12,620.00	1,14,64,237.00
	Procurement of Drugs-Internal Resources A/c		34,16,262.00	9,99,231.00
	Plastic & Rubberised Material		9,63,668.00	-
	Plastic & Rubberised Material-Internal Resources A/c		10,708.00	-
11	Other Expenses			-
	Debit Card Charges		90,055.59	1,57,254.69
	Kaya kalpa Expenses		3,67,04,848.00	45,63,527.00
	EDC Rent Charges		-	92,069.05
	Interest On TDS		150.00	5,431.00
12	Prior Period Expenses		96,79,266.00	-
	Change in Current Laibilities		(5,74,00,645.06)	
	Sundry Creditors	(5,07,98,916.06)		(3,85,28,098.94)
	TDS-Income Tax Payable-Non-Salary	(66,01,729.00)		(21,560.00)
	TOTAL		95,22,16,454.47	53,50,21,343.46

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.

SI No	PARTICULAR	Current Year	Current Year	Previous Year
		(2018-19) (In Rs.)	(2018-19) (In Rs.)	(2017-18) (In Rs.)
1	Professional charges			
	E-TDS Return Filling			-
	Legal expenses		4,73,568.00	2,11,440.00
	Professional charges		28,09,710.00	2,08,300.00
	Audit & Consultancy Fees			4,04,930.00
2	Office expenses			
	Hiring of Vehicle		1,33,38,020.00	79,68,196.00
	News Paper & Periodicals		92,300.00	40,099.00
	Miscellaneous Expenses		23,27,256.00	18,01,375.00
	Payment towards Electricity Charges		16,07,63,008.00	5,25,11,619.00
	Payment towards Postage Bills		2,27,594.00	1,76,229.00
	Printing & Stationary		(2,28,96,459.94)	41,62,988.00
	Printing & Stationary-Internal Resources A/c		1,04,998.00	9,70,734.00
	Telephone & Internet Charges		32,65,630.00	29,04,286.00
	Water Charges		6,85,182.00	5,07,237.00
	Insurance Charges		8,467.00	-
	Reimbursement Of Telephone Bill		15,04,250.00	10,09,537.00
	Maintenance office equipment		62,301.00	7,10,414.00
	Other Office Expenses- Internal Resources A/c			11,372.00
	Web Design & Maintenance			5,84,472.00
	Conveyance Allowance		1,28,53,618.00	1,22,30,296.00
	Cable TV Recharge		98,635.00	
3	Minor Work			
	Repair Work in Various Departments		6,01,43,624.00	4,00,19,214.00
	Repair Work in Various Departments-Internal Resources A/c			82,97,445.00
4	Domestic Travelling Expenses			
	Payment of Tour TA/DA to staff		2,08,61,227.00	2,46,83,346.00
5	Foreign Travelling Expenses			
	Payment of Tour TA/DA to staff		65,17,903.00	32,28,032.00
6	Advertising & Publicity			
	Advertisement & Press Conference Expenses		1,71,79,780.00	1,21,08,434.00
7	Other Administrative expenses			
	Payment to LRA to staff-Internal Resources A/c			6,23,273.00
	Payment to LRA to staff		3,78,64,842.00	75,23,014.00
	E-Journal-short term		17,22,891.68	14,21,617.32
	Misc Adminstrative Expenses		40,24,614.00	9,38,990.00
	Misc Adminstrative Expenses-Internal Resources A/c		499.00	
	Reimbursment of Registration fees for Conference			15,15,444.00
	Seminar\CME\ Work shop expensess		18,99,274.00	20,51,111.00
	Special Programe and Meeting expenses		7,39,837.00	19,55,722.00
	Special Programe and Meeting expenses- Internal Resources A/c			3,000.00
	Stipend to B.SC Nursing Student			1,24,54,786.00
	Stipend to Nursing Student		33,21,153.00	13,66,000.00
	Examination Expenses		4,93,20,906.00	22,45,983.00
	GST Tranning Expenses			43,062.00
	Stipend to MBBS Student		2,87,90,941.00	-
	Bank Charges & Commission		7,579.20	47,396.40
	Pollution Control Fee			1,02,800.00
	Recruitment Expenses		14,64,505.00	38,02,599.00
	Students Welfare		3,47,896.00	4,82,702.00

SI No	PARTICULAR	Current Year	Current Year	Previous Year
		(2018-19)	(2018-19)	(2017-18)
		(In Rs.)	(In Rs.)	(In Rs.)
	Membership Fee		2,72,944.00	-
	Honorarium		18,000.00	-
	Celebration		72,35,494.00	10,75,670.00
	Intramural Research Expenses		36,81,245.00	33,73,115.00
	Intramural Research Expenses-Internal Resources A/c		5,18,337.00	
	NSDL & CRA Charges		80,592.00	53,338.00
	GST Expenses		14,54,632.00	
	Other Office Expenses		8,12,591.00	
	IT Development Expenses		1,52,220.00	
8	Other Contractual expenses			
	Payment to Outsourced staff		14,75,66,028.00	10,47,13,980.00
	Payment to Security Service Agency		7,36,37,021.00	5,83,58,950.00
	Payment to Hospital Catering Service Agency		2,57,45,660.00	1,45,11,779.00
	Payment to Laundry Service Agency		1,03,67,276.00	18,75,387.00
	Payment to Laundry Service Agency-Internal Resources A/c		7,11,346.00	
	Payment to Pathological Service Agency			35,87,176.00
	Payment to Bio-Medical Waste Management Service		9,19,420.00	9,88,765.00
	Payment to Bio-Medical Waste Management Service-Internal Resources A/c			99,302.00
	Payment to Cleaning & House Keeping Service Agency		6,62,67,239.00	4,58,38,297.00
	Payment to Hospital Information Service Agency			38,50,054.00
9	Publications			
	Printing & Publication of Journal / Report /Magazine		11,94,861.00	2,97,03,445.94
10	Supplies & Materials			
	Fuel & Lubricants for Ambulance & DG Set		33,023.00	8,58,627.00
	Hospital Linen		34,06,852.00	14,58,892.00
	Hospital Linen-Internal Resources A/c		2,46,072.00	2,31,833.00
	Medical Gas including LPG Expenses			42,92,568.00
	Medical Gas including LPG Expenses-Internal Resources A/c		31,45,719.00	
	Payment for Blood & Plasma etc.		2,44,420.00	2,52,820.00
	Payment for Blood & Plasma etc.- Internal Resources A/c		49,720.00	23,540.00
	Procurment of Chemical & Reagents		3,48,43,837.00	2,30,88,643.00
	Procurment of Chemical & Reagents-Internal Resources A/c		54,00,515.00	54,78,985.00
	Procurment of Disposables & Consumables		10,11,19,004.00	3,54,48,715.00
	Procurment of Disposables & Consumables-Internal Resources A/c		3,01,89,905.00	57,97,876.00
	Procurment of Drugs,		2,95,12,620.00	1,14,64,237.00
	Procurment of Drugs-Internal Resources A/c		34,16,262.00	9,99,231.00
	Plastic & Rubberised Material		9,63,668.00	-
	Plastic & Rubberised Material-Internal Resources A/c		10,708.00	
11	Other Expenses			
	Debit Card Charges		90,055.59	1,57,254.69
	Kaya kalpa Expenses		3,67,04,848.00	45,63,527.00
	EDC Rent Charges			92,069.05
	Interest On TDS		150.00	5,431.00
12	Prior Period Expenses		96,79,266.00	
	TOTAL		1,00,96,17,099.53	57,35,71,002.40

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 (2018-19)	Previous Year (2017-18)
	(In Rs.)	(In Rs.)
1.Grants given to Institutions/Organisations		
AIIMS BBSR CME A/C	-	90,000.00
Genetic Symposium- Dept of Physiology	-	20,000.00
ICMR Grant	5,00,000.00	51,850.00
NTPC Grant	-	98,000.00
Patient Treatment Fund	8,47,575.00	6,57,224.00
Pharmacology Dept Research Project	-	5,000.00
UNICEF Grant	13,31,004.00	-
Rastriya Arogya Nidhi	-	27,212.00
RBSK- Grant	18,75,665.00	-
RNTCP Prog- Govt Of Odisha	17,674.00	92,326.00
SIHFW	-	3,029.00
West Bengal Welfare Fund	-	52,000.00
Workshop & Seminar Programme	4,030.00	-
b) Assistant Amount received	-	-
from CM Relief Fund	-	25,000.00
from PM Relief Fund	23,24,700.00	3,13,473.00
		-
		-
2. Assistant Grant Given To Institution/Organisation		-
Medical Bills paid out of OSTFS Grant	-	-
Patient Treatment Expenses	-	-
3. Subsidies given to Institutions/Organisations		
TOTAL	69,00,648.00	14,35,114.00

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 (2018-19)	Previous Year (2017-18)
	(In Rs.)	(In Rs.)
1. Grants given to Institutions/Organisations		
AIIMS BBSR CME A/C		90,000.00
Genetic Symposium- Dept of Physiology		20,000.00
ICMR Grant	5,00,000.00	51,850.00
NTPC Grant		98,000.00
Patient Treatment Fund	8,47,575.00	6,57,224.00
UNICEF Grant	13,31,004.00	
Rastriya Arogya Nidhi		27,212.00
RBSK- Grant	18,75,665.00	
RNTCP Prog- Govt Of Odisha	17,674.00	92,326.00
SIHFW		3,029.00
West Bengal Welfare Fund		52,000.00
Workshop & Seminar Programme	4,030.00	
b) Assistant Amount received		
from CM Relief Fund		25,000.00
from PM Relief Fund	23,24,700.00	3,13,473.00
2. Assistant Grant Given To Institution/Organisation		-
Medical Bills paid out of OSTFS Grant	-	-
Patient Treatment	-	-
3. Subsidies given to Institutions/Organisations		-
TOTAL	69,00,648.00	14,30,114.00

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 (2018-19)	Previous Year (2017-18)
	(In Rs.)	(In Rs.)
a) On Fixed Loan	-	-
b) On Other Loans (including Bank Charges)	-	-
c) Others (Specify)	-	-
TOTAL	-	-

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 2018-19 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.

**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 Hotel 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 no 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.

The Lease Hold Land (measuring 92.107 Acres) at Sijua 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.

Further 24.91 Acres of land was taken over as advance possession at Balasore for establishment of Satellite Centre, but the same is not reflected in the accounts as the lease deed for the same is not executed.

5. Investment

The institute has kept Rs.7.00 Crores in Fixed deposit with Bank of India. Further it has earmarked Rs.7.00 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, as Ministry of Health & Family Welfare has instructed the Institute to maintain a single bank account for all purposes.

6. Retirement Benefits

The institute provides and pays GPF & CPF to Officers on deputation and provides and pays NPS to other Regular Staff.

Contd....

ALL INDIA INSTITUTE OF MEDICAL SCIENCES BHUBANESWAR**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.

8. Extramural Research Grants and Fees

The Institute has opened a separate bank 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.

Name of Project	Amount
World Food Programme	12,08,821.50
AIIMS New Delhi (Project Code –EMF/05/2016) (pediatric) ATUS Project.	55,150.00
ICMR (Dynamic....human milk	5,69,959.00
ICMR (Project code-T/EM-F/Pharm/14/3)(Effect of louthy rexine....Hypo theride	4,062.00
ICMR(Project code-P/EM-F/ENT/15/12) (MCNTE Project-ENT)	3,73,084.00
ICMR(Project code-P/EMF/01/2016)(Intensive careMental Health)	32,720.00
Project Code-P/EM-F/Pharm/14/05) Fenugreek seed extract..	9,500.00
ICMR (Project Code-T/EM-F/O&G/13/09)(Epidemiology infertility..	1,49,693.00
UNICEF (Project Code-/EMF/CMFM/16/02) (Swabhiman –Nutritional intervention programme)	1,31,237.00
UNICEF(EMF/02/2016)(INAP, IAPPD New MH guidelines capacity building)	1,09,087.00
National Tea research foundation	5,29,715.00
ICMR(Project Code-EMF/06/2016)(Who-National survey:- Non communicable...	7,609.00
AIIMS New Delhi (Project Code-EMF/06/2016)(Who-study on validation of urinary sodium	6,558.00
ICMR (F.N.RMC /5/8/1/B.S(Bhu-2)(Training on prevention of obstetric fistula	1,09,609.00
ARM, IIT-AIIMS Project micro Biome...	12,396.00
Jiv daya	3,99,926.13
ICMR- NCDIR, survey... National NCD15-16 EMF /03/2017	88,480.00
DST, Investing ...	1,27,232.00
DST, Sudarshana Kriya Yoga	60,620.00
ICMR,AMR	19,74,177.00
Clinopsys clinical Research (Clinical trial in AIIMS, Bhubaneswar)	53,100.00
NCDIR/HBCR-DM/35/17 Hospital Based cancer Registry	1,27,343.00
UNICEF, Jiban Sampark	14,57,576.00

contd...

Name of Project	Amount
Pharma Instinct Possible Anti Diabetic	55,000.00
ICMR Consumption Food	14,80,424.00
AIIMS New Delhi, Harmonised....	9,95,044.00
SERB	3,09,603.00
ICMR, Factorial RCTS	12,98,874.00
SERB	16,57,258.00
UNICEF Aspirational	10,60,501.00
ICMR, Heart Failure	4,64,744.00
AIIMS New Delhi, Verbal Autopsy	73,800.00
CDC, USA, AMSP	5,00,000.00
UNICEF, Public Health Nutrition	20,48,170.00
Coconut Development Board Pre-maligant Lesion	14,62,200.00
Coconut Development Board, Clinal Trial	16,54,700.00
ICMR, Rubella	5,49,413.00
ICMR, Protective Antibody	19,40,000.00
PGI, Chandigarh, Tobacco Control	3,79,290.00
TOTAL	2,35,26,675.63

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.

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

Contd...

ALL INDIA INSTITUTE OF MEDICAL SCIENCES BHUBANESWAR

12. Corresponding figures for the previous year has been re-grouped and re-arranged wherever found necessary.

13. Schedule 1 to 25 are annexed to and from an integral part of the Balance Sheet as at 31st March 2019 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



AUDIT REPORT



प्रधान निदेशक लेखापरीक्षा (केन्द्रीय) का कार्यालय
सैफाबाद, हैदराबाद - ५०० ००४.

OFFICE OF THE
PRINCIPAL DIRECTOR OF AUDIT (CENTRAL)
SAIFABAD, HYDERABAD - 500 004.

No. PDA(C)/BO-Odisha/CRA-V/SAR.2018-19/AIIMS/BBSR/2019-20/ Date- 29.10.2019

सेवा में
सचिव
स्वास्थ्य और परिवार कल्याण मंत्रालय,
निर्माण भवन, सी विंग,
नई दिल्ली 110011

Sir,

Sub- Separate Audit Report on the accounts of All India Institute of Medical Science (AIIMS), Bhubaneswar Odisha for the year 2018-19

Separate Audit Report on the accounts of All India Institute of Medical Science (AIIMS), Bhubaneswar, Odisha for the year 2018-19, Annexure thereof and one copy of Annual Accounts are forwarded herewith for placing before both the House of Parliament.

The dates of presentation of Separate Audit Report in both the Houses of Parliament may please be intimated.

Receipt of this letter along with the enclosure may kindly be acknowledged.

भवदीय,

संल:यथोपरि

Sd/-

प्रधान निदेशक लेखापरीक्षा (केन्द्रीय)

No. PDA (C)/BO-Odisha/CRA-V/SAR.2018-19/AIIMS/BBSR/2019-20/ ⁶⁷⁰ Date- 29.10.2019

Copy to the Director, All India Institute of Medical Science (AIIMS), Sijua, Patrapada, Bhubaneswar 751019 Odisha along with one copy of Annual Accounts for the year 2018-19 (English version), with a request to furnish the Hindi version of the approved Annual Accounts 2018-19 (2 sets), to Branch Office- Odisha.

संल:यथोपरि


DEPUTY DIRECTOR/CEA

Separate Audit Report of the Comptroller & Auditor General of India on the accounts of All India Institute of Medical Sciences (AIIMS), Bhubaneswar for the year ended 31st March 2019

We have audited the attached Balance Sheet of **All India Institute of Medical Sciences (AIIMS), Bhubaneswar** as at 31st March 2019, 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 Draft 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 approved by the Ministry of Finance, Govt of India.

- (iii) In our opinion, proper books of accounts and other relevant records have been maintained by AIIMS, Bhubaneswar, in so far as it appears from our examination of such books.
- (iv) We further report that:

Balance Sheet

A CORPUS/CAPITAL FUND AND LIABILITIES

A.1. Current Liabilities and Provisions Rs.49.65 crore (Schedule – 7)

A.1.1 This did not include provision for known liabilities of Rs. 1.78 crore for payment of outstanding expenses/arrears of salaries etc/electricity expenses for the Financial Year 2018-19 but payment was made during 2019-20. This resulted in understatement of Current Liabilities and Provisions/expenditure/deficit by Rs. 1.78 crore and overstatement of Corpus/ Capital Fund to that extent as detailed in Annexure-A and B.

B. INCOME & EXPENDITURE ACCOUNT

B.1: Expenditure: Rs. 264.17 Crore

B.1.1: Other Administrative Expenses- Rs.100.96 crore (Schedule-21)

B.1.1.1 This included payment of outstanding electricity dues of Rs.7.82 crore (**defaulting/ penal load charges of electricity** due to incorrect calculation of multiplying factor pertaining to the period from February,2015 to September, 2017 .

This resulted in overstatement of expenditure of current year by Rs.7.82 crore and understatement Prior period expenditure to the same extent.

C. GENERAL OBSERVATIONS

C.1 Despite being pointed out in the last report, expenditure to the tune of Rs.74.10 crore made by AIIMS, Bhubaneswar has been shown in Capital-Work-in-Progress in the accounts for the year 2018-19 instead of capitalising it as Fixed Assets though the projects have been put to use in different phases during the period 2012-13 to 2017-18.

C.2 AIIMS, Bhubaneswar has not provided retirement benefits on actuarial basis in contravention of Accounting Standard 15 issued by ICAI.

D. Grant-in-Aid

Out of the total grant-in-aid of Rs. 280.24 crore received during the year together with previous year certified balance of Rs. 95.89 crore and other receipt of Rs. 12.98 crore, totaling to Rs. 389.11 crore, the Institute utilized a sum of Rs. 340.86 crore leaving a

balance of Rs. 48.25 crore as on 31st March 2019 as detailed in the table below:

(Amount in crore)									
Sl No	Head	OB as on 31.03.2018	Receipt 2018-19	Total	Interest Accrued	Internal Receipt	Total	Utilized	Balance
1	Salary	23.58	121.72	145.30	-	-	145.30	132.77	12.53
2	General	0.56	138.02	138.58	-	-	138.58	138.43	0.15
3	CCA	49.17	20.50	69.67	-	-	69.67	69.66	0.01
4	Interest	12.37	-	12.37	4.41	-	16.78	-	16.78
5	Internal Receipt	10.21	-	10.21	-	8.57	18.78	-	18.78
	Total	95.89	*280.24	376.13	4.41	8.57	389.11	*340.86	48.25

- (*) Rs 280.24 crore includes an amount of Rs. 52.56 crore was released by the Ministry of Health and Family Welfare, Govt. of India to meet the expenditure relating to Principal repayment amount sanctioned by HEFA for AIIMS Kalyani, AIIMS Guwahati and interest accrued on the loan taken for AIIMS Guwahati. The fund was shown as utilized on transfer to the above units.
- (v) Subject to our observations in the preceding paragraph we report that the Balance Sheet, Income & Expenditure Account and Receipts & Payment Account dealt with by this Report agree 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 & 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 All India Institute of Medical Sciences (AIIMS), Bhubaneswar, as at 31st March, 2019; and
- (b) In so far as it relates to Income & Expenditure Account of the **deficit** for the year ended on that date.



Principal Director of Audit(Central)

ANNEXURE – I

1. Adequacy of Internal Audit System

There is no Internal Audit Wing in the Institute. Internal Audit has not been conducted for the year 2018-19.

2. Adequacy of Internal Control System

Internal Control System needed to be strengthened as there is no Internal Audit System in the Institute. Besides, provisions for expenses were not made properly and there was discrepancy in calculation of depreciation.

3. System of Physical Verification of Fixed Assets


Physical Verification of Assets was not conducted for the year 2018-19.

4. System of Physical Verification of Inventory

Physical Verification of Inventory was not conducted for the year 2018-19.

5. Regularity in Payment of Statutory Dues

The Institute is regular in depositing the statutory dues with the appropriate authorities.


Dy. Director/CEA

Annexure-A

List of items purchased during the financial year 2018-19 for which payment was made in 2019-20

Sl. No.	Bill No. and Date	Particulars/Suppliers Contractors	Category	Cheque /PFMS No. and Date	Amount in Rs. (Gross/Net)	KD Page reference
1	Vr. No-713/Dt. 08.06.2019	M/s Turnitindia Education India	CCA Medical Equipment	C051925862190 / 08.06.2019	N-9,30,984/- G-9,47,035/-	Sch-7
2.	Vr. No. 715/ Dt. 08.06.2019	M/s ACESSMEDICOM Pvt Ltd.	General Supplies of Materials.	C051925622086 / 08.06.2019	N-28,350/- G-28,350/-	Sch-7
3.	Vr. No. 718/ Dt. 08.06.2019	M/s Lab Solution, BBSR	GEN Procurement of chemicals and reagents	C057925784481 / 08.06.2019	N-70055/- G-71,415/-	Sch-7
4.	Vr No 521 Dt.27.03.2018	E-Journal I-Group Infotech(I) Pvt Lt.	CCA Subscription charges	C051907574368 / 20.05.2019	N-2,28,687/- G-2,28,687/-	Sch-7
5.	Vr. No. 869/871/ Dt. 08.06.2019	M/s Sani Clean Pvt ltd.	General Cost of Bio medical Waste management	021643	N-3,49,467/- G-3,56,599/-	Sch-7
6.	Vr. No. 719/ Dt. 08.06.2019	M/s SAYONI enterprises	General Procurement of chemicals.	C051925784895 / 08.06.2019	N-1,43,451/- G-1,46,221/-	Sch-7
7.	Vr. No. 723/ Dt. 10.06.2019	M/s SAYONI enterprises	General Procurement of chemicals.	C051925786075 / 08.06.2019	N-1,75,708/- G-1,79,120/-	Sch-7
8.	Vr. No. 730/ Dt. 10.06.2019	M/s Biochain Incorporated.	General Procurement of chemicals.	C051925786547 / 10.06.2019	59,908/-	Sch-7
9.	Vr. No. 796/ Dt. 17.06.2019	M/s SAYONI enterprises	General Procurement of chemicals.	C061909857592 / 17.06.2019	N-1,18,139/- G-1,20,433/-	Sch-7
10.	Vr. No. 797/ Dt. 17.06.2019	M/s SAYONI enterprises	General Procurement of chemicals.	C061909858063 / 17.06.2019	N-3,54,415/- G-3,61,297/-	Sch-7
11.	Vr. No. 856/ Dt. 21.06.2019	M/s Systopic Laboratories Pvt Ltd.	General Medical Instrument.	C061917518988 / 21.06.2019	N-7,728/- G-7,728/-	Sch-7

12.	Vr.No 880/ Dt: 26.06.2019	Olympus Medical System	CCA Supply of one set Colonoscope (Bal 30%)	C061927051570 / 26.06.2019	N- 7,82,836/- G- 7,82,836/-	Sch-7
13.	Vr.No 868/ Dt: 25.06.2019	M/s Medlab& Co.	CCA Supply of Medical Instrument	021642/ 25.06.2019	N-97,321/- G- 1,02,535/-	Sch-7
14.	Vr.No 556/ Dt: 25.05.2019	M/s Vishal Surgical Equipment Co.	CCA Supply of Medical Instrument	021430/ 25.05.2019	N- 2,45,250/- G- 2,45,066/-	Sch-7
15.	Vr.No 894/ Dt: 27.06.2019	M/s Genist Technocracy pvt Ltd.	CCA Supply of Medical Instrument	C06926807364/ 27.06.2019	N- 2,73,000/- G- 2,80,000/-	Sch-7
16.	Vr.No 494/ Dt: 17.05.2019	M/s Sign Infosys.	CCA Balance payment against Instrument trolley	C051904778526 / 17.05.2019	N- 6,07,284/- G- 6,18,084/-	Sch-7
17.	Vr.No 728/ Dt: 10.06.2019	M/s Sushruta Hospital solution	CCA Balance payment against micro meter set	C051925786843 / 08.06.2019	N- 2,47,800/- G- 2,47,800/-	Sch-7
18.	Vr.No 729/ Dt: 10.06.2019	M/s Sushruta Hospital solution	CCA Balance payment against micro meter set	C051925786942 / 10.06.2019	N- 18,49,390- G- 18,96,210/-	Sch-7
19.	Vr.No 916/ Dt: 29.06.2019	M/s Rabindra Surgical Pvt. Ltd.	General Consumable Items	C061929361504 / 29.06.2019	N- 4,56,993/- G- 4,65,703/-	Sch-7
20.	Vr.No 888/ Dt: 26.06.2019	M/s Rabindra Surgical Pvt. Ltd.	CCA Transport Incubator (Bal 30%)	C061927688861 / 26.06.2019	N- 5.95.678/- G- 5.95.678/-	Sch-7
21.	Vr.No 340/ Dt: 02.05.2019	NSDL E- Governance	Annual Maintenance Charges	020375/ 02.05.2019	N-23,103/- G-23,103/-	Sch-7
		Grand Total			Net amount :76,45,547/ - Gross Amount: 77,63,808/-	

Annexure-B

Arrears pertaining to the Financial Year 2018-19 for which payment was made during 2019-20

Sl.No	Bill/Voucher No.	Category of Staff	Category	Cheque /PFMS No.	Amount Rs.
01	Vr. No 862/ 22.06.2019	Faculty members (Remuneration to guest faculty)	Salaries Recovery statement of NPS Contribution /Pensionary charges	021636/ 22.06.2019	44,400/- Sch-7 P.-
02	Vr. No 758/ 13.06.2019	Deputation staff	Salaries Leave salary and P.C) 01.04.2018 to 31.03.2019.	021569/13.06.2019	76,748/- Sch-7 p/
03	Vr. No 337-C/ 02.05.2019	Regular Employees	Salaries Arrear DA, TA, etc (01.01.2019 to 28.02.2019)	020372/02.05.19	20,36,838/- P.No.
			Total		21,57,986/-

Annexure- C

Statement showing provision of depreciation at the rate of 15% on the life saving equipments instead of prescribed rate of 40%

Own Procurement							
Sl No.	Name of the Medical Equipment	Date of Purchase/ Installation	Values (Rs)	No. of Days used	Amount (Rs) at the rate of 15 %	Amount (Rs) at the rate of 40 %	Differences (Rs)
1	2	3	4	5	6	7	8 (7-6)
1	Portable Colour Doppler	05.04.2018	1295600	361	192210	512561	320351
2	Portable Colour Doppler	05.04.2018	474000	361	70321	187522	117201
3	Laryngoscope	16.12.2018	312928	106	13632	36351	22719
4	Paediatric upper G 1 Endoscope	04.06.2018	1979448	301	244855	652947	408092
5	Paediatric Fibreoptic Laryngoscope	07.07.2018	22500	268	2478	6608	4130
6	Urology Laproscopic Set	15.01.2019	233968	76	7307	19487	12180
7	Defibrillator Equipment	25.01.2019	402705	66	10923	29127	18204
Total							902877
Scientific Equipment (HLL)							
8	Heart Lung Machine	25.05.2018	7812889	311	998551	2662804	1664253
9	Portable Ultrasound with colour doppler	20.10.2018	1496059	163	100215	267241	167026
10	Fibre Optic Bronchoscope	04.07.2018	624371	271	69536	185430	115894
11	Laparoscopy system (3D HD Indo vision for Lab)	27.02.2019	8826867	33	119707	319218	199511
Total							2146684
Grand Total							3049561

Annexure-D

Projects shown under CWIP instead of Capitalisation under Fixed Assets.

Package	Agency	Date of commencement of work	Original Date of Completion	Progress (%)	Tender cost (Cr.)	Fund released so far (Cr.)	Amount /Funds released to AIIMS, BBSR	Likely completion cost incl. escalation & variations as on date (Cr.)	Present Status	Remarks if any
1	2	3	4	5	6	7	8	9	10	11
PKG-I Construction of Medical Complex buildings	M/s CCCL	27.05.2010	26.08.2011	100%	67.37	74.88	9.143	75.93	Physically Completed since 31.08.2017	Final closure proposal has not yet been submitted by the agency
PKG-II Construction of Hospital Complex buildings	M/s L&T	16.09.2010	15.09.2012	99.70 %	261.65	290.12	38.499	297.07	Provisional EOT granted up to 30.09.2018 (Incomplete)	Some minor testing and commissioning of LV system works are in progress for which provisional EOT is granted up to 30.09.2018
PKG-III Electrical Services	M/s JAKSON	12.01.2012	11.01.2013	100%	52.08	52.66	4.064	53.59	Completed since 31.07.2015	Final closure procedure is under process.
PKG-IV Estate Services	M/s IVRCL	04.07.2012	03.07.2013	100%	47.64	36.73	11.691	36.77	Physically Completed since 28.02.2018	Final closure proposal has not yet been submitted by the agency
Residential	M/s HSCC (I) Ltd	18.09.2008	03.03.2016	100%	129.34	106.99	49.210	110.00	Physically Completed since 26.09.2017	Final closure procedure is under process.



**ALL INDIA INSTITUTE OF MEDICAL SCIENCES
BHUBANESWAR**