

परा यक्ष्मं सुबामि ते

ALL INDIA INSTITUTE OF MEDICAL SCIENCES  
BHUBANESWAR-751019

5<sup>th</sup> Annual Report 2016-17



परा यक्ष्मं सुबामि ते

# 5<sup>th</sup> ANNUAL REPORT 2016-17



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# 5<sup>th</sup> AIIMS ANNUAL REPORT

2016-2017



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BHUBANESWAR-751019

## **EDITORIAL GROUP**

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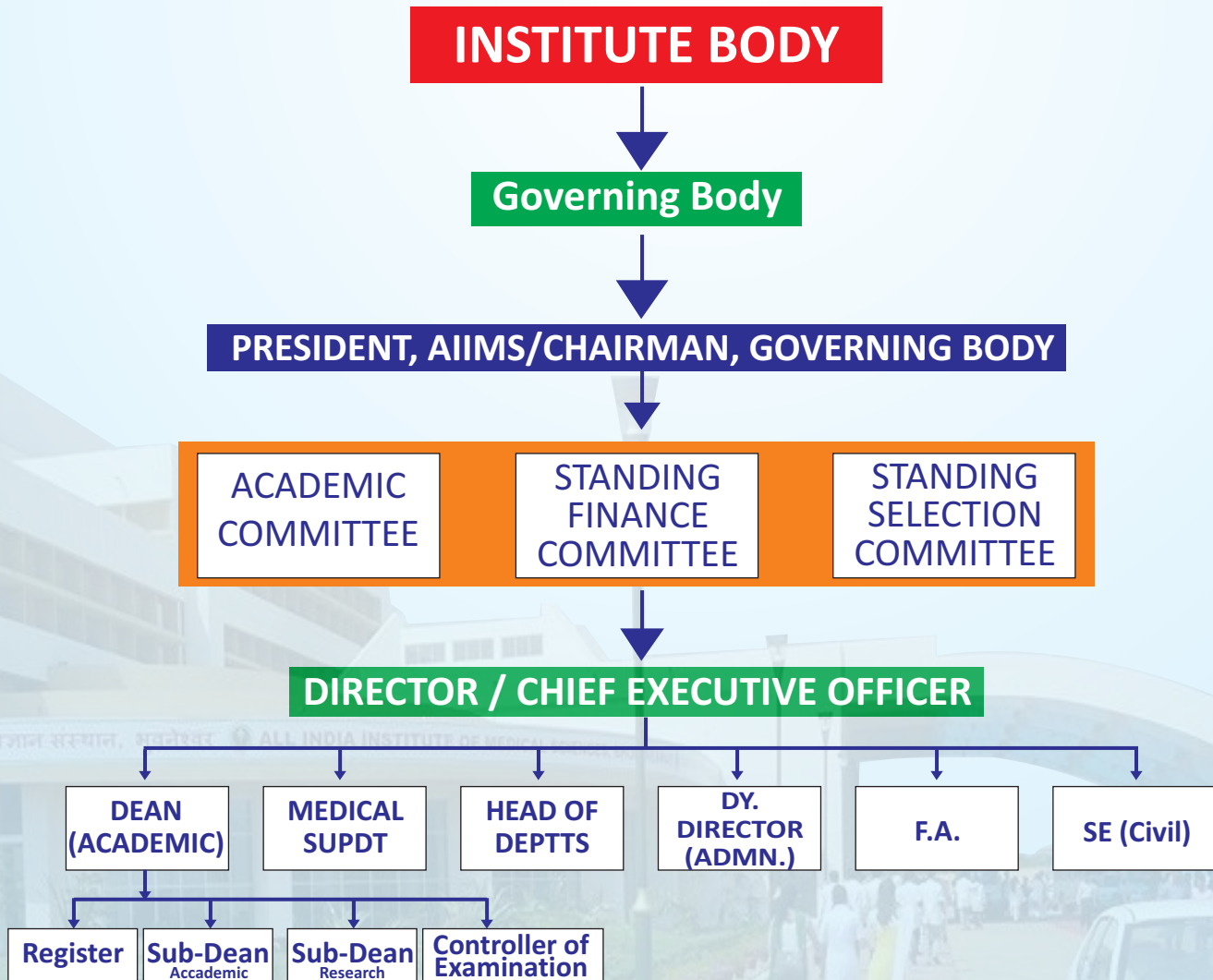
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Assistant Professr , Department of Pathology & Laboratory Medicine

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Assistant Professor, Department of Nursing



# AIIMS BHUBANESWAR

## ORGANISATIONAL STRUCTURE



ALL INDIA INSTITUTE OF MEDICAL SCIENCES  
BHUBANESWAR-751019





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## DIRECTOR'S REVIEW



It is my privilege, as Director of AIIMS Bhubaneswar, to give a gist of the achievements of AIIMS Bhubaneswar in the last financial year 2016-2017. The institution has grown steadily since the last year in almost every aspect, be it administration, hospital service, academics, finance or construction. We have progressed more rapidly in some areas, but certainly progress has been made.

At the beginning of the year there were 146 faculty in 41 departments out of which 12 were super specialty departments. Several new departments started after faculty joined in medical and surgical oncology, urology, cardiology, plastic surgery and hospital administration. In addition several clinics such as epilepsy clinic, diabetic clinic, palliative care, pain clinic etc., were started. This gave a boost to the patients and OPD attendance shot up to over 2000 per day which reaches approximately 2800 on certain days. The AYUSH centre was opened with yoga and naturopathy treatments. There are eight operation theatres with 543 beds and 40 ICU beds. Nearly 500 major surgeries are being performed each month and the mera aspaatal records show a patient satisfaction in the range of 75%.

The investigative facilities at AIIMS Bhubaneswar were strengthened and a number of costly and high-end equipment were installed including 256 slice CT, DSA laboratory, DR laboratory, mammography machine, high performance liquid chromatography, flowcytometer, echocardiography and tread mill testing equipment. The clinical laboratory services which were initially outsourced were taken over by AIIMS Bhubaneswar from January 2017, a challenge that was met head on and proved that the laboratory services can be provided with quality and speed.

The OPD experience for patients is now less cumbersome, with increased number of counters for registration, bill payment facilities having more counters, more staff, more printers and more cashless PoS (point of sale) machines. The time spent by each patient waiting to get registered has reduced substantially. We have taken care to provide facilities for the patients such as drinking water. Many areas in the hospital have been given a fillip. The trauma and emergency which was opened has been reorganized to provide better services faster and more efficiently. The outlet for AMRIT pharmacy is nearing completion while patients are getting generic medicines at greatly discounted rates.

The procurement of many equipment, consumables, non-consumables have been initiated with the number of tenders being floated and processed increasing four fold in the last



six months of the financial year. Group B deputation posts were advertised and interviews conducted and staff appointed. Advertisements for other staff positions and senior residents were also done. Two meetings of the Standing Finance Committee, one meeting of the Governing body and Institute body and one Academic Committee meeting were held.

The first batch of interns joined on January 1st 2017. PG courses in clinical subjects started in January 2017 in Obstetrics & Gynaecology, Surgery, ENT and Anaesthesiology. Students are taking an active interest in poetry, quizzes, music, drama, street plays, sports etc., and winning accolades whenever they have participated in competitions. Annual day was celebrated on September 26th 2016 and Founder's Day in July 15th 2016 with much fanfare. In addition, National days such as republic day, independence day and Gandhi Jayanthi were celebrated.

Many conferences, CMEs, and workshops have been held. Two workshops organized by AIIMS Bhubaneswar across all 6 new AIIMS need special mention. The first was a two-day workshop for all six AIIMS to prepare a generic log book for interns which could then be adapted by the respective AIIMS. The second was a three day hands-on workshop on Public Financial Management System which was organised for the Accounts and Finance divisions of all six aims. Faculty development workshops on research methodology, scientific writing and basic statistics were conducted. An orientation programme for Interns on rational management and therapy, ethics and professionalism and communication skills was conducted. A PG orientation programme for the newly joined PGs on research methodology was conducted.

The auditorium, is nearing completion and so are the Effluent and Sewage Treatment plants of the hospital and residential campus. Biomedical Waste management, fire safety and patient safety is being given due importance in our hospital management so that all codal formalities are followed in letter and spirit. The Kayakalp reforms are being practiced in our hospital and campus in maintaining our surrounding areas cleaner and greener with purchase of grass cutting machines, hiring of more housekeeping staff as per norms to create a pleasant environment. With the help of many organizations who have come forward to plant trees, I am hopeful that in a few years time, we shall have a greener campus.

I am truly happy that we can list all of these achievements and know there are many more unlisted achievements which makes my heart swell with pride. By any yardstick, we can be proud of what we have achieved in this last one year.

Jai Hind!

**Prof. Gitanjali Batmanabane**  
Director





## MEMBERS OF INSTITUTE BODY, AIIMS, BHUBANESWAR

<b>Mr. J. P. Nadda</b> Hon'ble Minister of Health & Family Welfare Govt. of India, Nirman Bhawan, New Delhi - 110011	President
1. <b>Dr. Prasanna Kumar Patasani</b> Hon'ble MP (Lok Sabha) 11-Mahadev Road New Delhi-110001	Member
2. <b>Dr. Kulamani Samal</b> Hon'ble MP (Lok Sabha) 92, South Avenue, New Delhi – 110011	Member
3. <b>Smt. Sarojini Hembram</b> Hon'ble MP (Rajya Sabha) 502, Swarnalata Apartment, New Delhi - 110001	Member
4. <b>Shri C. K. Mishra, IAS</b> Secretary, Ministry of Health & Family Welfare, Gol, Nirman Bhawan, New Delhi – 110011	Member
5. <b>Shri. Aditya Prasad Padhi, IAS</b> Chief Secretary, Govt. Of Odisha, Bhubaneswar – 751001	Member
6. <b>Dr. Jagdish Prasad</b> DGHS, Ministry of Health & Family Welfare, Gol, Nirman Bhawan, New Delhi – 110011	Member
7. <b>Dr. P. Satishchandra</b> Ex-Director, NIMHANS, Bangalore -560029	Member





8. **Mrs.Vijaya Srivastava, IAS** Member  
Addl. Secretary & Financial Advisor  
Ministry of Health & Family Welfare, GoI,  
NirmanBhawan, New Delhi – 110011
9. **Prof. Showkat Ali Zaragar** Member  
Ex-Director  
SKIMS. Srinagar (J&K)
10. **Dr. K. Jagdeesan** Member  
Former Chairman & Chief Surgeon  
K J Hospital Research and PG Centre  
Chennai
11. **Prof. Balram Bhargav** Member  
HOD, Department of Cardiology  
AIIMS, New Delhi – 110029
12. **Dr. Asoka K. Das** Member  
Vice Chancellor  
Utkal University, Bhubaneswar
13. **Prof. Madhusudan Chakraborty** Member  
Ex Director,  
IIT, Bhubaneswar
14. **Dr. K. Srinath Reddy** Member  
President, Public Health Foundation of India  
ISID Campus, 4, Industrial Area,  
VasantKunj, New Delhi -110070
15. **Prof. Samir Brahmachari** Member  
Former DG, CSIR & Ex-Secretary, DSIR  
Government of India, New Delhi
16. **Prof. Gitanjali Batmanabane** Member Secretary  
Director  
AIIMS, Bhubaneswar



## THE INSTITUTE & ITS COMMITTEES

### Members of Governing Body

<b>Mr. J. P. Nadda</b> President, AIIMS, Bhubaneswar (Hon'ble Minister of Health & Family Welfare) Govt. of India, Nirman Bhawan, New Delhi - 110011	Chairman
01. <b>Dr. Prasanna Kumar Patsani</b> Hon'ble MP (Lok Sabha) 11-Mahadev Road New Delhi-110001	Member
02. <b>Shri C. K. Mishra, IAS</b> Secretary, Ministry of Health & Family Welfare, Government of India, Nirman Bhawan, New Delhi – 110011	Member
03. <b>Dr. Jagdish Prasad</b> Director General of Health Services, Ministry of Health and Family Welfare, Nirman Bhawan, New Delhi - 110011	Member
04. <b>Smt. Vijaya Srivastava, IAS</b> Additional Secretary & Financial Advisor, Ministry of Health & Family Welfare, Nirman Bhawan, New Delhi – 110011	Member
05. <b>Prof. Showkat Ali Zargar</b> Ex-Director, SKIMS, Srinagar (J & K)	Member
06. <b>Shri Aditya Prasad Padhi, IAS</b> Chief Secretary, Government of Odisha, Bhubaneswar	Member



- |     |                                                                                                                                    |                  |
|-----|------------------------------------------------------------------------------------------------------------------------------------|------------------|
| 07. | <b>Dr. K Jagdeesan</b><br>Founder Chairman & Chief Surgeon,<br>K J Hospital Research & Post Graduate Centre,<br>Chennai, Tamilnadu | Member           |
| 08. | <b>Prof. Balram Bhargava</b><br>Department of Cardiology,<br>AIIMS, New Delhi – 110029                                             | Member           |
| 09. | <b>Prof. Gitanjali Batmanabane</b><br>Director, AIIMS, Bhubaneswar                                                                 | Member Secretary |

### Academic Committee

- |    |                                                                                                                                                  |          |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| 1. | <b>Dr. P. Satish Chandra</b><br>Former Director, NIMHANS<br>Bangalore, Karnataka                                                                 | Chairman |
| 2. | <b>Dr.(Prof.) Prasanna Kumar Patsani</b><br>Hon'ble Member of Parliament-Lok Sabha<br>11-Mahadev Road<br>New Delhi-110001                        | Member   |
| 3. | <b>Prof. Showkat Ali Zargar</b> , Ex-Director<br>SKIMS, Srinagar, Jammu and Kashmir                                                              | Member   |
| 4. | <b>Prof. Samir Brahmachari</b><br>DG, CSIR and Ex-Secretary<br>DSIR, Government of India                                                         | Member   |
| 5. | <b>Dr. K. Srinath Reddy</b><br>President, Public Health Foundation of India<br>ISID Campus, 4-Industrial Area,<br>Vasanta Kunj, New Delhi-110070 | Member   |
| 6. | <b>Prof. Madhusudan Chakraborty</b><br>Former Director, IIT, Bhubaneswar,<br>Representative of Ministry of Human Resource Development            | Member   |



7. **Prof. Gitanjali Batmanabane** Member Secretary  
Director, AIIMS, Bhubaneswar

### Standing Finance Committee

1. **Shri C. K. Mishra, IAS** Chairman  
Secretary  
Ministry of Health & Family Welfare Govt. of India
2. **Dr. Kulamani Samal** Member  
Hon'ble Member of Parliament  
Lok Sabha
3. **Dr. Jagdish Prasad** Member  
Director General of Health Services  
Ministry of Health and Family Welfare Govt. of India
4. **Mrs. Vijaya Srivastava, IAS** Member  
Additional Secretary & Financial Advisor,  
Ministry of Health and Family Welfare  
Representative of Ministry of Finance Govt of India
5. **Shri. Aditya Prasad Padhi, IAS** Member  
Chief Secretary  
Govt. of Odisha
6. **Dr. P. Satish Chandra** Member  
Former Director, NIMHANS  
Bangalore, Karnataka
7. **Prof. Samir Brahmachari** Member  
Ex-DG, CSIR and Ex-Secretary  
DSIR, Government of India
8. **Prof. Gitanjali Batmanabane** Member Secretary  
Director  
AIIMS, Bhubaneswar



## GENERAL ADMINISTRATION

The General Administration including personnel and establishment, Security, Estate, matters related to Engineering Services Department, Stores and public relations activities of AIIMS are supervised by the Deputy Director (Administration). There are various branches looking after the above-mentioned areas. Each branch is headed by a senior officer with supportive officers and staff members. A brief description of the activities of these branches is given below.

All matters relating to the Establishment Section and General Administration including appointment of staff, arranging meetings of statutory committees, management of estate and property, purchase of equipments, materials and consumables, security arrangements, and employees' welfare are looked after by the administration.

The total sanctioned staff strength of AIIMS is 4089, including the main hospital, all the centres and administration. These include the following.

Note:

SL. No	Category	Sanctioned Strength	Regular	Deputation	Contractual	Tenure	Outsource	Total Staff in Position
1.	Project Cell Officer	08	-	07	-	-	-	07
2.	Faculty	305	134	-	-	-	-	134
3.	Group 'A'	922	03	07	46	108	-	164
4.	Group 'B'	2228	178	10	204	-	44	436
5.	Group 'C'	626	-	-	-	-	240	240
6.	<b>Total</b>	<b>4089</b>	<b>315</b>	<b>24</b>	<b>250</b>	<b>108</b>	<b>284</b>	<b>981</b>

Sl No	Category	Sanctioned strength	In position staff
1.	Project Cell	08	07
2.	Faculty	305	134
3.	Group 'A'	922	164
4.	Group 'B'	2228	436
5.	Group 'C'	626	240
6.	Total	4089	981



## ACADEMIC SECTION

<b>Dean</b> <b>Prof (Dr.) Vikas Bhatia</b>		
<b>Sub Dean(Academic)</b> <b>Dr. Pravash Ranjan Mishra</b> (Joined in July, 2016)	<b>Sub Dean (Res.&amp; Exam)</b> <b>Dr. Manoj Ku. Mohanty</b> (Joined on 30.11.2016)	<b>Registrar</b> <b>Mr. B.B. Mishra</b>
<b>A.R.A. -1 (MBBS)</b> <b>Dr. Manisha Kar</b> (Till 15.03.2017)	<b>A.R.A. -2 (B. Sc.. (Hons) Nursing)</b> <b>Dr. Srujana Mohanty</b> (Till 15.03.2017)	

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

### **Conduction of Examination and Counselling process:**

PG (MD/MS/DM/MCh), MBBS, B. Sc. (Honours) Nursing, B. Sc. (Honours) Paramedical students are selected on the basis of the merit through All India Entrance Examination conducted by AIIMS, New Delhi. The counselling processes for all curricula are also conducted by AIIMS, New Delhi. The process is centralised and merit-based one. Reservation policy is followed as per Govt. guidelines.



## Newly introduced courses in AIIMS, Bhubaneswar during 2016-2017

- (a) P.G. Courses (July, 2016 & January 2017 Session): 11 JRs in July, 2016 and 14 JRs in January, 2017 session joined. The details are as follows:

Name of the Department	No. of PG Students
Pathology & Laboratory Medicine	2
C & FM	2
Microbiology	2
Forensic Medicine & Toxicology	2
Pharmacology	2
Biochemistry	2
Anatomy	2
Physiology	2
Obst. & Gynaecology	2
General Surgery	2
Anaesthesiology	3
Radiodiagnosis	1
ENT	1
<b>Total:</b>	<b>25</b>

(b) B. Sc. (Hons) Paramedical Courses: In the Year 2016, 10 students joined in Medical Laboratory Technology (MLT), 10 students joined in Operation Technology and Anaesthesia Technology (OTAT), and 10 students joined in Medical Technology & Imaging Technology (MTIT) stream.

- (c) PDF in Critical Care: One student joined  
 (d) PDF in Palliative Care: One student joined

### Existing Courses:

#### MBBS:

The section handles post-admission formalities for new students conducted by Admission process committee for MBBS: Chairman: Prof (Dr.) Vikas Bhatia, Member Secretary: Dr. Rituparna Maiti, Members: Dr. Pravash Ranjan Mishra, Dr. Manisha Kar, Dr. Pravash Ranjan Tripathy, Dr. Debapriya Bandopadhyay, Dr. Bikash Ranjan Meher, Dr. Vinaykumar Hallur. The section also develops and revises curricula, administers teaching programmes including internal and professional assessment of undergraduate students.

**M.B.B.S Student Profile (Batch 2016):**

Admission process for seven AIIMS for academic year 2016 was conducted by AIIMS, New Delhi. The counselling for the 100 MBBS seats (AIIMS, Bhubaneswar) was conducted at AIIMS, New Delhi on the basis of performance in the entrance examination. The final admission process was completed on 27th Sep 2016 at AIIMS, Delhi. The students who joined AIIMS Bhubaneswar are from various parts of India.

General	OBC	SC	ST
46	31	15	08

Joint Orientation Programme for the fifth batch of M.B.B.S. students, fourth Batch of B. Sc. (Hons) Nursing students and 1st Batch B. Sc. (Hons) Paramedical students was organized at AIIMS, Bhubaneswar from 23rd July to 25th July 2016. Eminent personalities from various walks of life interacted with the students over the three days and spoke on spiritualism, ethics in practice, importance of good health, discipline, time management among others. Padmashree Prof. Sneha Bhargava was the Chief Guest of the occasion.

The Orientation committee comprises of Dr. Pranati Nanda, Chairperson, Dr. Prakruti Dash, Dr. Sucheta Parija, Dr. Amit Ghosh, Dr. E.T. Patro, Mrs. Dharitri Swain, Asst. Prof., College of Nursing, Mr. Bhima Surendra Babu, Clinical Instructor, as member, Dr. Prabhas Ranjan Tripathy as Member Secretary.

Academic session commenced from 1st August 2016 in the well-equipped Lecture theatres in the Administrative Block.

**Teaching learning process of MBBS students:**

- The MBBS students are being trained in three-tier system namely laboratory-based, hospital-based and community-based teaching programme (CHC Mendhasal, CHC Tangi).
- Services such as OPD, Indoor and Operation Theatres & Diagnostics are available to the public at AIIMS, Bhubaneswar Hospital. Faculty members, resident doctors and staff are busy and provide services with full dedication and commitment. It is very satisfying that MBBS students are getting good clinical exposure during their postings in the hospital.
- The first batch MBBS (2012) of 50 students are working as Interns in AIIMS, Bhubaneswar with effect from 1st January 2017. A Logbook of Internship programme has been created by Medical Education Unit, AIIMS, Bhubaneswar. All other 5 new AIIMS also participated in this endeavour.





## Senior Residents & Junior Residents (Non-Academic):

There are 80 nos. of Senior Residents and 5 Nos. of Junior Residents (Non- Academic) as on 31<sup>st</sup> March 2017.

### Examination Cell

- |    |                                 |   |                           |
|----|---------------------------------|---|---------------------------|
| a. | Professor I/C Exam Cell         | : | Prof. Manoj Kumar Mohanty |
| b. | Asst. Controller of examination | : | Mr. Shyama Prasad         |

## Background

At present the examination cell is discharging the duties and responsibilities of conducting examination of Undergraduate courses i.e. M.B.B.S, B. Sc. (Hons) Nursing and B. Sc. (Hons) Paramedical courses. In addition to Undergraduate Professional examination, this cell is also involved in recruitment of Senior Residents and Junior Residents.

## Activities

### (a) MBBS

- (i) 1st Professional MBBS Annual Examination 2016 (Batch 2015) was conducted for 100 students from 14.07.2016 to 29.07.2016.
- (ii) 1st Professional MBBS Supplementary Examination 2016 (Batch 2015) was conducted from 19.09.2016 to 05.10.2016.
- (iii) 2nd Professional MBBS Annual Examination 2016 (B-2014) was conducted from 15.11.2016 to 10.12.2016.
- (iv) 2nd Professional MBBS Supplementary Examination 2017 (B-2014) was conducted from 16.02.2017 to 07.03.2017.
- (v) 3rd Professional MBBS Annual Examination 2016 (Batch-2012) was conducted 16.11.2016 to 16.12.2016.
- (vi) 3rd Professional MBBS Compartmental Examination 2017 (Batch 2012) was conducted from 23.01.2017 to 25.01.2017.

### (b) B. Sc. (H) Nursing

- (i) 1st Year B. Sc (H) Nursing Annual Examination 2016 (Batch-2015) was conducted from 09.07.2016 to 22.07.2016.
- (ii) 2nd Year B. Sc (H) Nursing Annual Examination 2016 (B-2014) was conducted from 04.07.2016 to 15.07.2016.
- (iii) 3rd Year B. Sc. (H) Nursing Annual Examination 2016 (B-2013) was conducted from 16.07.2016 to 30.07.2016,
- (iv) 1st, 2nd and 3rd Year B. Sc. (H) Nursing Supplementary Examination 2016 was conducted from 21.10.2016 to 29.10.2016.



### (c) Paramedical Courses

- (i) 1st Year B. Sc. (H) Paramedical Final Examination 2017 (Batch-2016) was conducted from 17.02.2017 to 23.02.2017.

#### Achievements

Recently Examination Cell has been shifted from academic block to administrative block. The cell is in process of software installation and further improvisation of e-result declaration for 2nd Professional MBBS Examination like 1st Professional MBBS Examination.

#### Recruitment

The recruitment for Senior Residents in different departments has been carried on 28.02.2017 to 02.03.2017.

### Hostel Committee

The Hostel committee comprises of Dr. Saubhagya Kumar Jena (Chairperson), Members: Dr. Ashoka Mahapatra, Dr. Ramesh Chand Chauhan, Dr. Pankaj Kumar, Dr. Binita Chaudhury & Mrs. Dharitri Swain

#### 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 Interns & MBBS students stay in Hostel E Block

PGs & B. Sc. (Nursing) Interns stay in PG-II

The students play foot ball, 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.

#### Dining Hall

There are two Dining Halls which are operational for all the students.

#### Committee:

There are various committees which look after student's welfare namely admission process committee, hostel committee, catering committee, cultural committee, sports committee, library committee, literary committee. These committees are managed by the faculty members in association with the active participation of the students. There is also existence of anti-ragging committee in the Institute.



## 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.) A. K. Praharaj, Chairman (Members: Dr. Pranati Nanda, Dr. K. Pushpalatha, Dr. Swagata Tripathy & Dr. Preetam B Mahajan, Member Secretary)  
Dr. Jitendra Narayan Dash joined on 22nd Feb 2017 as Librarian Selection Grade (Senior Librarian) on deputation from NISER, Bhubaneswar.

### Library Timings

It remains open from 9.00 A.M. to 7.30 P.M. from Monday to Friday and 8.30 A.M. to 5.30 P.M. on Saturday. Reading room remains open from 6 A.M. to 10 P.M. everyday.

### Library Resources

Total No. of Books: 5419 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: 392

Research Treatment Protocols: 21

### WHO Publications

5 Journals and 20 non-serial publications are subscribed by the Central Library.

### Magazines and Newspapers

English Magazines: 09. Tamil Magazine: 01

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

### Journals

243 high impact online journals are available for access through the ERMED consortium of National Medical Library of MOHFW, in addition to that 80 titles are subscribed by library itself. All the online journals and other freely available biomedical information resources available in web are listed in the library web site. Remotex has been subscribed to access them anywhere and anytime through digital gadgets.

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



## **Training**

Library has organized a Training Session for ERMED on 17th Apr 2017. Sessions and trial access to databases are arranged for increasing user awareness towards different resources.

## **Library Automation**

Newgenlib Automation Software has been installed for transaction of books. Bar-code and smart card system has been implemented for all the users of library for book transaction.

## **Work in Progress**

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

## **Research Cell**

Research Cell deals with the administration of all the extramural, Intramural funded and Intramural non-funded research conducted at AIIMS, Bhubaneswar. The Research cell also organizes various workshops for faculty members as a part of Faculty Development Programme. The Research Cell Committee, Scientific Evaluation Committee, Institute Ethics Committee constituted by the Director is as follows

## **Research Committee**

Dr Manoj Kumar Mohanty, Chairman, (Members: Dr Rituparna Maiti, Dr Dilip Muduly, Dr S. M Ali, Dr Preetam Mahajan, Dr Bijayini Behera, Dr Santosh Kumar Mahalik & Dr Gaurav Chhabra, Member Secretary)

## **Scientific Evaluation Committee**

Dr Sanghamitra Pati, Chairman (Director, RMRC, Bhubaneswar), Members: Dr Vikas Bhatia, Dr Satyaajeet Mishra, Dr Suchanda Sahoo & Dr Gaurav Chhabra, Member Secretary.

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 Research Cell

Type of Project	No. of Projects	Total Budget
Ongoing Extramural Projects	14	Rs. 5,92,72,676.00 (Approx.)
On-going Intramural funded Projects	29	Rs.50,00,000.00 (Approx.)
Ongoing Intramural Non funded Projects	27	-

### Other Activities

In the year under review the research cell organized three workshops for the faculty members of the institute.

#### Faculty Development Workshops

- Research Methodology on 01st& 2nd December 2016 for faculty members of the institute.
- Scientific writing on 3rd to 04th December 2016 for faculty members of the institute.
- Scientific writing on 7th to 08th February 2017 for faculty members of the institute.
- Invited Dr Satish Devdas, Scientist at Institute of Life Sciences, Bhubaneswar for a presentation on his research work on 23rd November 2016

### Institute Ethics Committee

The Institute Ethics Committee has been established in 2013 and it has been registered in the DCGI on 6th February 2014. This registration shall be in force for a period of three years from the date of issue. This was the first IEC among all new six AIIMS to have been registered permitting sanction of clinical trials.

### Members

1. Prof S.C. Dash (Chairperson), Director, KIMS, Bhubaneswar
2. Prof Debasish Hota, Professor Pharmacology, AIIMS, BBSR
3. Dr K C Misra, Vice Chancellor Sri Sri University, Bhubaneswar
4. Dr Manaswini Mangaraj, Additional Professor, Department of Biochemistry, AIIMS, BBSR
5. Mr. Surendra Kumar Patri, lawyer, KITS University, Bhubaneswar.
6. Dr Amit Ghosh, Assistant Professor, Physiology, AIIMS, BBSR
7. Dr Ashish Patnaik, Associate Professor, Department of Neurosurgery, AIIMS, BBSR
8. Dr Swagata Tripathy, Associate Professor, Department of Anaesthesia, AIIMS, BBSR
9. Ms. Swarna Misra, Social Scientist, NGO
10. Ms. Pranita Acharya, HOD- Department of Zoology, Maharishi college of Natural Law.
11. Dr Somnath Mukherjee (Member Secretary), Associate Professor, Transfusion Medicine, AIIMS, BBSR



## Activities of institute Ethics Committee

### Meetings and Research proposals details:

- Total number of meetings held during this period: 07
- Total number of intramural funded research proposals reviewed during this period: 33
- Total number extramural/intramural(NF) research proposals approved by the Ethics Committee: 48

### Special Invitees:

Dr. Priti Das Associate Professor, Dept. of Pharmacology, SCBMCH, Cuttack, Odisha. (Invited as an External expert) one meeting on 04.02.2017 to review clinical trials discussed during the meeting.

## College of Nursing:

The College of Nursing, All India Institute of Medical Sciences, Bhubaneswar has been established in the Year 2013 under the Pradhan Mantri Swasthya Suraksha Yojana (PMSSY) with the primary objective of correcting the imbalances in availability of affordable and reliable tertiary level healthcare in the country in general and to provide facilities for quality medical and nursing education in the underserved states. The mission of College of Nursing is to establish an institute that excels in nursing education, practice and innovative research imbued with professional values to contribute towards a healthy society.

### Faculty Members:

Assistant Professor (HOD I/C)	:	Mrs Dharitri Swain
Assistant Professor	:	Mr. Nanda Ku. Paniyadi

### Education:

#### Undergraduate Training:

- B. Sc. (Hon) Nursing -2013 batch (60 intakes)
- B. Sc. (Hon) Nursing -2014 batch (60 intakes)
- B. Sc. (Hon) Nursing -2015 batch (60 intakes)
- B. Sc. (Hon) Nursing -2016 batch (60 intakes)

**Curriculum**

The course duration is 4 years.

Phase	Duration	Training	Subjects
First Year	One Year	Clinical	Nursing foundations
		Pre - Clinical	Anatomy & Physiology, Nutrition & Bio - Chemistry, Psychology, English, Computers & Nursing Informatics
Second Year	One Year	Clinical	Medical Surgical Nursing - I
		Para - Clinical	Microbiology, Pharmacology, Pathology & Genetics, Community Health Nursing - I
		Non - Clinical	Sociology
Third Year	One Year	Clinical	Medical Surgical Nursing - II, Child Health Nursing, Mental Health Nursing, Obstetrical & Gynaecological Nursing
Fourth Year	Six Months	Para - Clinical	Community Health Nursing - II
		Non - Clinical	Communication & Education Technology, Nursing Research & Statistics, Nursing Management
Internship	Six Months	Three shift rotations in various Clinical and Para - Clinical Departments	

**Theory class and clinical posting :**

The academic session was formally started on 1st August 2016. The concerned department conducted their theory and practical classes based on the teaching schedule.

The clinical posting of 1st year B. Sc. Nursing (2016 batch) students started in AIIMS Hospital, Bhubaneswar from November 2016 and 2014 and 2013 batch started their clinical posting from September 2016 onwards based on their curricular requirements. As per nursing norm, oath taking ceremony of 2016 batch B. Sc. Nursing students was observed on 29th November 2016 before sending students for the clinical posting. The students were posted in various clinical areas based on their clinical requirements. The community posting of 2015 batch (2nd year) was started in the month of October and February 2017 in both rural & urban areas and students had conducted mass health education camps at respective community area.



### Short Term Training programmes:

Students had undergone various following short-term nursing training on different aspects of clinical practice.

- BLS training
- Neonatal resuscitation programme(NRP)
- Midwifery simulation training
- Therapeutic Diet Preparation
- Stoma Care
- Sudarshan Kriya Yoga Training,
- OT Training
- Advanced nursing skill training for internship

### Internship training:

Internship orientation training was conducted in the month of February 2017 and internship log book was developed and given to the students and students were posted in various areas of hospital and community.

### Examination:

The professional examination of all batches students was held on in the month of June-July 2016. The topper students and meritorious students were awarded with institutional medals.

Batch	Year of placement	Total no. of students	Over all Pass percentage	No. of distinctions (> 75%)	No. of first class (> 60%)	No. of second class (50 -60%)
2015	First year	59	88.1%	10	40	2
2014	Second year	56	75%	5	35	2
2013	Third year	57	85.9%	9	38	2





### **Medals for the B. Sc. Nursing Students:**

1. Gold medal for securing highest mark in 1st Yr. professional B. Sc. Nursing Examinations 2015- Ms. Ashly Jose.
2. Gold medal for securing highest mark in 2nd Yr. professional B. Sc. Nursing Examinations 2014- Ms. Sehaj Kaur
3. Gold medal for securing highest mark in 3rd Yr. Professional B. Sc. Nursing Examination 2013- Ms. Shivani
4. Best student award B. Sc. Nursing 2015 Batch- Ms. Ashly Jose
5. Best student award B. Sc. Nursing 2014 Batch- Ms. Nikita Kumari
6. Best student award B. Sc. Nursing 2013 Batch- Ms. Shramana Ray

### **Laboratory Facilities :**

Based on requirements of all batches of students following laboratories are established.

1. Nursing foundation lab
2. Advanced skill lab
3. Nutrition lab
4. Computer lab
5. Community lab
6. Maternal and child health lab
7. Science and Research lab

**SCHOLARSHIP OF B. Sc. (N) STUDENTS FOR ACADEMIC SESSION 2016-17**

S.No	Name of the Student	Batch	Applied for Scholarship Under
1.	Tenzin Ankit	2016 Batch	Mukhyamantri Protsahan Yojna
2.	Gianwanti	2016 Batch	Mukhyamantri Protsahan Yojna
3.	Nikita Dangi	201 6 Batch	PM Scholarship
4.	Jyoti Kumari	2014 Batch	OPH Scholarship (NHFDC)
5.	Meenu	2015 Batch	DBOCW (RE&CS) Edn Scholarship
6.	Swarnalata Pradhan	2016 Batch	Medhabruti Scholarship from Govt. Odisha
7.	A Mononi	2015 Batch	Post -Matric Scholarship for ST under Govt of Manipur, Imphal
8	Moirangthem Bidyarani Devi	2015 Batch	Post matric scholarship to Schedule Caste Students (Renewal) Govt of Manipur
9.	Shubhrajyoti Barik	2016 Batch	Medhabruti Scholarship from Govt. Odisha
10.	Roshni Karishma Dung Dung	2016 Batch	National Fellowship and Scholarship for Higher Education for ST Students
11.	Gianwanti	2016 Batch	National Fellowship and Scholarship for Higher Education for ST Students
12.	Tenzin Ankit	2016 Batch	National Fellowship and Scholarship for Higher Education for ST Students
13.	Manju Negi	2015 Batch	National Fellowship and Scholarship for Higher Education for ST Students
14..	Mansi Pal	2015 Batch	National Fellowship and Scholarship for Higher Education for ST Students



## Medical Education Unit

### The Committee Members are as follows :

Dr. Madhabananda Kar, Chairperson, Members: Dr. Sonu H. Subba, Dr. K. Pushpalatha, Dr. Pravas Ranjan Tripathy, Dr. Debapriya Bandopadhyay, Dr. Saurav Sarkar and Dr. Jayanta Mitra, Member Secretary)

### Activities:

1. Internship log book workshop: A two-day workshop for the development of internship logbook was conducted from 28th -29th November 2016 under the patronage of Prof. Gitanjali Batmanabane, Director, AIIMS, BBSR and Prof. Vikas Bhatia, Dean, AIIMS, BBSR where faculty Members from other new 5 AIIMS participated. After discussion and deliberation over two days, on the various aspects of Internship training in all the Departments where the interns are posted, the committee could come up with a final internship Logbook document. This logbook is adopted as it is by all new AIIMS.
2. Internship orientation program phase I and Phase II: The two phases of internship orientation program have been conducted in January and March 2017. In these programs, various topics have been discussed along with the basic life support and trauma life support workshops. The detailed analysis of the feedback is given by the interns.
3. Postgraduate orientation program: The programme was conducted in the form of weekly one hourly sessions for the first batch of PG and then for the second batch of PG.
4. The workshop on Thesis Protocol writing for the PG students was conducted by Dr. Manikandan S, Department of Pharmacology, JIPMER.
5. MBBS curriculum evaluation: It has been initiated by Medical Education Unit and the committee has received inputs from all departments and individual faculty member.

**Scholarship:** The following MBBS Students of AIIMS, Bhubaneswar are getting scholarship from various sources:-



## Scholarship of MBBS students :

S. No.	Name	MBBS Batch	Name of Scholarship
1.	Aburi Anil Kumar	MBBS-2014	AP State Govt. Scholarship
2.	Danda Vamsi Sai Praveen	MBBS-2014	AP State Govt. Scholarship
3.	M.V.V.S Shiva Kumar	MBBS-2014	AP State Govt. Scholarship
4.	Manthri Venkata Ratna Abhisehek	MBBS-2014	AP State Govt. Scholarship
5.	Pandala Virajitha	MBBS-2014	AP State Govt. Scholarship
6.	Vineetha Kanneganti	MBBS-2014	AP State Govt. Scholarship
10.	Aysha	MBBS-2014	Dhirubhai Ambani Scholarship
12.	Soorya. P.P	MBBS-2014	Foundation for Excellence (Chinmay Mission)
31.	Anand Kumar Das	MBBS-2014	Medhabruti (Govt. of Odisha)
32.	Jyoti Pradhan	MBBS-2014	Medhabruti (Govt. of Odisha)
33.	Uma Charan Behera	MBBS-2014	Medhabruti (Govt. of Odisha)
36.	Guthala Praharshini	MBBS-2014	NTSC
39.	Sabyasachi Debata	MBBS-2014	One-time Scholarship from KABIARATI Medical Education Trust (KAMET) Cuttack.
41.	Beaula Paul	MBBS-2014	<b>Prime Minister's Scholarship</b>
42.	Sayanth J Kunnath	MBBS-2014	Prime Minister's Scholarship

## Student Magazine :

The 4th issue of Institute's magazine 'INSIGHT' was released under the guidance of Prof (Dr.) Vikas Bhatia, Editor-in-Chief and editorial team of faculty and MBBS and B. Sc. (Nursing) students of 2015 batch. Every year 2nd year students take the lead role in preparing the magazine.

## Cultural and Extra Curricular Activities:

### ● Foundation Day

AIIMS, Bhubaneswar celebrated its 4rd Foundation Day on 15th July 2016. Prof. Y.K. Chawla, Director, PGIMER, Chandigarh was the Chief Guest and Prof. N.R. Biswas, Director, IGIMS, Patna and Prof. Raj Kumar, Former Director, AIIMS, Rishikesh were the Guests of Honour of the occasion.

The event started with the welcome address by the Dean, AIIMS, Bhubaneswar, Prof. Vikas Bhatia. This was followed by the address by Prof. A.K. Mahapatra, Director, AIIMS, Bhubaneswar, describing what this Institute has achieved over the last four years. He



appreciated the efforts of the faculty, officers and staff of this Institute for this achievement.

Dr. D.K. Parida, Professor and Head of Radio-Therapy, AIIMS, Bhubaneswar proposed the vote of thanks and expressed his gratitude to all.

### ● Annual Day

AIIMS Bhubaneswar celebrated the fourth Annual Day on 21st Sept 2016 amidst much fun-fare. Participation of faculty, students in various sports, cultural, literary activities was really appreciable and the event was full of energy. Chief Guest: Mr. C.K. Mishra, Secretary, MoH & FW, Guests of Honour, Prof. R.V. Rajakumar, Director, IIT, Bhubaneswar and Shri Sunil Sharma, IAS Joint Secretary MoH & FW. The Chairperson of Annual Day Committee was Dr. N. Deep (Bag), HOD, Dept. of Radiodiagnosis.

Gold Medals were awarded to the following MBBS students (Batch 2013 & 2015) for their performance in 2nd & 1st Professional MBBS examination respectively.

### MBBS-2013 BATCH (2ND PROFESSIONAL EXAMINATION)

S/No	Subject	Topper	Remarks
1.	Microbiology	MS. MANISHA MOHANTY	<b>Gold Medal in the name of Prof. L.N. Mahapatra</b>
2.	OVERALL TOPPER	MS. MANISHA MOHANTY	<b>DIRECTOR'S GOLD MEDAL</b>

### MBBS-2015 BATCH (1ST PROFESSIONAL EXAMINATION)

S/No	Subject	Topper	Remarks
1.	Physiology	PRITAM PANIGRAHI	<b>Gold Medal in the name of Prof. J.M. Senapati</b>
2.	Biochemistry	ADURI THARUN TEJA	<b>Gold Medal in the name of Shri Naba Kishore Mahapatra</b>
3.	OVERALL TOPPER	NIHAR RANJAN NAYAK	<b>DIRECTOR'S GOLD MEDAL</b>



The Certificates were awarded to the students on successful completion of STS Projects by ICMR

S/No	Name of the student	Batch	STS project completed during the Year	Guide
1.	Mr. Noel Shaju	MBBS - 2012	2014	Dr. Rituparna Maiti
2.	Mr. Saurav Nayak	MBBS - 2012	2015	Dr. Preetam B Mahajan
3.	Ms. Sithara S	MBBS - 2012	2015	Dr. P.K. Sasmal
4.	Mr. Jaseem Jowhar	MBBS - 2013	2015	Dr. Rituparna Maiti
5.	Ms. Sibani Mishra	MBBS - 2013	2015	Dr. Tushar S Mishra
6.	Mr. Siba Narayan Padhi	MBBS - 2013	2015	Dr. Prakruti Dash
7.	Ms. Disha Gautam	MBBS - 2013	2015	Dr. Biswa Mohan Padhy
8.	Ms. Rakavi R	MBBS - 2013	2015	Dr. Suchitra Kumari
9.	Ms. Sheetal Uttaray	MBBS - 2013	2015	Dr. C. Preetam
10.	Ms. Sanhita Panigrahi	MBBS - 2013	2015	Dr. Ashoka Mahapatra

### Committees involved in extracurricular activities :

- Cultural Activity Committee: Chairperson: Prof. (Dr.) S.C. Mahapatra, and Member Secretary: Dr. Tushar S Mishra.
- Sports Activity Committee: Chairperson: Prof. (Dr.) Prabeer C Mohanty, Member Secretary: Dr. P.K Sasmal.
- Literary Activity Committee: Chairperson: Prof. (Dr.) Sukadev Nayak, Member Secretary: Dr. Preetam B Mahajan.



Anti Ragging Committee: The committee consists of Chairman: Director, Vice Chairman: Dean, Member Secretary : Assistant Registrar (Academic)-1, Other Members: Dy. Director (Admin), Sub Dean, HOD's Anatomy, Physiology, Biochemistry, Chairman Hostels, All Hostel Wardens, Mrs Dharitri Swain, HOD/IC, College of Nursing, Mr. Nanda Kumar P, Asst. Prof., College of Nursing, Asst. Security Officer.

### **Other Administrative Activities of Dr. Vikas Bhatia, Dean**

#### **Administrative support towards Academic activities:**

As Dean, he extended support to Director, AIIMS, Bhubaneswar in execution of MD/MS, PDF & B. Sc. (Hons.) in Paramedical courses at AIIMS, Bhubaneswar and at Standing Academic Committee and beyond. Under his supervision MD/MS Courses started at AIIMS Bhubaneswar for the first time. He represented AIIMS, Bhubaneswar for counselling process of MBBS, B. Sc. (Hon's) Nursing & MD/MS students at AIIMS, New Delhi. Three B. Sc. (Hon's) paramedical courses started for the first time at AIIMS Bhubaneswar under his supervision. He represented AIIMS, Bhubaneswar in pre-counselling meeting for admission at AIIMS, New Delhi. Supervision of various academic activities of MBBS, PG, B. Sc. (Hon's) Nursing and B. Sc. (Hon's) Paramedical at AIIMS Bhubaneswar from admission, teaching plan, evaluation and other student's affairs. Under his supervision Final Professional Examination for 1st batch of MBBS Students, Batch-2012, was conducted at AIIMS Bhubaneswar in Nov-Dec 2016. He supervised the execution of Internship Training Program for the first batch of MBBS Students, Batch- 2012 on 1st Jan, 2017 and also for B. Sc. (Nursing) Students (Batch-2013) in Feb 2017.

#### **Administrative support towards Research initiatives:**

As per Standing Academic Committee's recommendation, he convened First Intramural Project meeting at AIIMS Bhubaneswar on 7th Sep, 2016 and various proposals were approved. Administrative support towards organisation of various activities at AIIMS, Bhubaneswar: He provided support to organise Orientation programme of MBBS, B. Sc. (Hon's) Nursing, B. Sc. (Hon's) Paramedical & P.G. students at AIIMS, Bhubaneswar. He was the Chairperson of Annual Day Function Committee of AIIMS, Bhubaneswar for the year 2016, which was celebrated on 21st Sep, 2016. He was also the Editor-in-Chief of Students Magazine "Insight". The 4th Edition of the magazine was released on Annual Day Function on 21st Sep 2016. He addressed at various events /CME's/ Training Programs of AIIMS, Bhubaneswar. He organised Gandhi Jayanti Celebration at AIIMS, Bhubaneswar on 2nd Oct, 2016 and co-ordinated review meetings in about 40 departments of AIIMS Bhubaneswar on joining of New Director in Oct-Nov, 2016.



**Administrative support to Government of India initiatives:**

He was the Chairperson of 7th Central Pay Commission Revision Committee, appointed by Ministry of Health & Family Welfare, Govt. of India. Recommendations of the Committee has been submitted to the Ministry in March,2017. He attended meeting at Ministry of Health & Family Welfare, GOI, New Delhi on 5th May (AN) on behalf of Director regarding issue pertaining to administrative and security arrangements in over 460 centres for conduct of online (CBT) entrance examination on 29th May 2016 for MBBS course 2016.

**Other activities:**

He was instrumental in establishing Archive Cell at AIIMS Bhubaneswar, which was inaugurated by Dr. Sneha Bhargava, Ex Director, AIIMS, New Delhi on 24th July, 2016. As Chief Vigilance Officer, he submitted Annual Report to CBI (April, 2016).





## HOSPITAL SECTION

### A. Faculty

Medical Superintendent	: Prof. Dillip Kumar Parida
In-charge Hospital Pharmacy	: Prof. Debasish Hota
Chairman OT Committee	: Prof. Madhabananda Kar
Chairman Central Laboratory	: Prof. Ashok Kumar Praharaj
Associate. Prof, Hospital Administration	: Dr. M C Sahoo
Deputy Medical Superintendent	: Dr. P K Parida, Addl. Prof, ENT
	: Dr. C S Sirka, Addl. Prof, Dermatology
	: Dr. A K Jena, Associate. Prof, Dental Surgery
	: Dr. P R Tripathy, Asstociate, Prof, Anatomy
	: Dr. B K Patro, Asstociate, Prof, CM&FM
	: Dr. M Ali, Associate, Prof., Surgery

### B. Highlights

#### a. OPD:

- Satellite OPD, Balasore
- Paediatric Surgery
- Burns & Plastic Surgery
- Labour room
- Ayurveda OPD

#### b. NEW IPDs:

- Neonatology
- Medical Oncology
- Plastic Surgery
- PMR ( Functional AYUSH building )

#### c. Emergency Services:

- Initiation of emergency triage system
- New OT complex
- ICU complex ( MICU, PICU & NICU )

**d. Support Service:**

- Central Laboratory services taken over by Institute from out sourced agency
- Central Registration counter
- 24x7 cash counter
- AMRIT
- Police room in emergency
- Digitalisation of Hospital Service:
- E-hospital
- Mera Aspataal
- Digital cash collection

**f. Public convenience:**

- Drinking water facility for the patient
- Two public convenience complexes
- Battery Operated carts
- Priority appointment with Doctors (Senior citizens, physically challenged, pregnant lady and sick patients.)

**C. Various Awareness Programmes Conducted :**

- International Yoga Day
- World No Tobacco Day
- World Cancer Day
- World Diabetes Day
- World AIDS Day
- World Glaucoma week

**D. Facilities Available**

- 24x7 emergency with triage facility
- Free treatment to BPL patients
- Operation Theatres – 08
- MICU – 17
- SICU – 08
- NICU – 08
- PICU – 02
- Central Laboratory (Microbiology, Biochemistry, Pathology & Haematology)
- Oncology Day-care – 16
- Blood Bank
- Private cabins – 48
- Battery operated carts for transport of senior citizens, pregnant ladies, physically challenged



- 24x7 cash counter
- Central registration counter with e-hospital & separate provision for senior citizens, female and physically challenged
- 24x7 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
- Audiometry and Speech Language Pathology

### E. Special Procedures Performed

- Bariatric surgery
- Total Knee replacement
- Total Hip replacement
- Cochlear implant
- Yellow Fever Vaccination
- Chemo port
- Laparoscopy surgery
- Thoracoscopy surgery including VATS
- Cath Lab
- BERA
- Executive Health Check Up
- TMT
- CT Angiography
- Mammography
- Chemo port
- Thoracic surgery
- Breast conservation surgery
- Surgery for varicose vein
- Endoscopy
- Exchange transfusion

### F. Specialised Clinics

- High Risk Pregnancy
- Orthodontics, TM joint
- Epilepsy
- Oculoplastic & Squint
- Retinoblastoma
- Metabolic Bone Disorder
- Deformity
- Paediatric urology
- Epilepsy
- Head and Neck Oncology
- Stroke rehabilitation
- Retina
- Neruo-Urology, Incontinence and Urogynecology
- Paediatric solid Tumour Board
- Arthritis
- Andrology
- Child guidance
- Infertility
- Sleep
- Diabetes foot
- Glaucoma
- Breast
- Coloproctology

**G. Daily Opds**

SPECIALITY		SUPER SPECIALITY	
Medical	Surgical	Medical	Surgical
Dermatology	Orthopaedics	Neonatology	Paediatric surgery
NCD	PMR	Pulmonary Medicine	Surgical Oncology
Paediatric	General Surgery	Medical Oncology	Urology
General Medicine	O&G	Gastroenterology	Burns & Plastic Surgery
Radiotherapy & Oncology	Dental Surgery	Neurology	
Psychiatry	ENT	Cardiology	
	Ophthalmology	Endocrinology	

**H. Patient Care / Hospital Services****i. OPD & IPD Statistics from April 2016 - March 2017**

Year	Month	OPD	IPD
2016	April	26166	886
2016	May	29721	977
2016	June	32510	1240
2016	July	35640	1302
2016	August	42278	1368
2016	September	42332	1246
2016	October	40763	1336
2016	November	38541	1491
2016	December	12719	775
2017	January	41068	1852
2017	February	38931	1302
2017	March	45345	1561
<b>Total</b>		<b>4,26,014</b>	<b>15,336</b>

**ii. Emergency Statistics from April 2016 - March 2017**

2016	April	702
2016	May	893
2016	June	981
2016	July	1217
2016	August	1344
2016	September	1390
2016	October	1462
2016	November	1372
2016	December	1533
2017	January	1113
2017	February	1441
2017	March	1728
	<b>TOTAL</b>	<b>15176</b>

**iii. ICU Statistics from April 2016 - March 2017**

Year	Month	MICU	NICU	SICU
2016	April	138	15	85
2016	May	140	22	105
2016	June	145	28	95
2016	July	142	16	97
2016	August	134	48	114
2016	September	130	49	99
2016	October	142	37	105
2016	November	292	36	97
2016	December	140	32	96
2017	January	152	24	93
2017	February	120	20	76
2017	March	117	178	94
	<b>TOTAL</b>	<b>1792</b>	<b>505</b>	<b>1156</b>



## iv. OT Statistics from April 2016 - March 2017

Year	Month/Year	No. of Cases
2016	April	380
2016	May	282
2016	June	458
2016	July	364
2016	August	440
2016	September	375
2016	October	303
2016	November	356
2016	December	291
2017	January	699
2017	February	559
2017	March	695
	<b>TOTAL</b>	<b>5202</b>

## v. Labour Room Statistics from April 2016 - March 2017

Year	Month	No. of Cases
2016	April	37
2016	May	40
2016	June	31
2016	July	32
2016	August	60
2016	September	57
2016	October	91
2016	November	79
2016	December	68
2017	January	44
2017	February	60
2017	March	68
	<b>TOTAL</b>	<b>667</b>



## vi. Radio-diagnosis Statistics from April 2016 - March 2017

Year	Month	X-RAY	CT SCAN	USG	MRI
2016	April	2053	634	716	121
2016	May	2243	846	646	225
2016	June	2784	863	579	304
2016	July	3083	940	701	140
2016	August	3465	1126	1201	502
2016	September	1557	474	557	246
2016	October	1775	505	565	295
2016	November	3983	1253	907	434
2016	December	4177	1276	827	456
2017	January	4291	1215	883	424
2017	February	4150	1058	807	370
2017	March	4960	1499	593	359
<b>TOTAL</b>		<b>38521</b>	<b>11689</b>	<b>8982</b>	<b>3876</b>

## vii. AYUSH OPD Statistics from April 2016 - March 2017

Year	Month	Yoga	Physiotherapy	Ayurveda
2016	April	292	1323	-
2016	May	426	1310	-
2016	June	464	1092	-
2016	July	512	948	-
2016	August	705	1263	-
2016	September	691	1232	116
2016	October	751	1227	153
2016	November	695	1198	166
2016	December	790	1006	158
2017	January	1064	854	138
2017	February	937	868	140
2017	March	1222	1206	187
<b>TOTAL</b>		<b>8549</b>	<b>13527</b>	<b>1058</b>



## viii. Various Procedures Statistics from April 2016 - March 2017

Year	Month	Endoscopy	Bronchoscopy	Laryngoscopy	Echo	ECG	Cath lab
2016	April	90	08	450	425	1550	-
2016	May	113	10	505	455	1655	-
2016	June	114	16	1603	364	1574	-
2016	July	78	14	673	414	1643	34
2016	August	65	16	921	535	1874	62
2016	September	52	12	1024	612	1775	70
2016	October	70	15	878	595	1590	85
2016	November	202	21	935	587	1438	112
2016	December	104	09	835	612	1457	107
2017	January	58	18	891	397	1583	57
2017	February	739	07	315	580	1387	49
2017	March	35	22	78	714	996	99
	<b>TOTAL</b>	<b>1270</b>	<b>168</b>	<b>9108</b>	<b>6290</b>	<b>18522</b>	<b>675</b>

## ix. Radiotherapy Oncology Day Care Statistics from April 2016 - March 2017

Year	Month	Chemotherapy	Blood Transfusion	Supportive Therapy	Total
2016	April	194	13	23	230
2016	May	210	04	21	235
2016	June	215	09	16	240
2016	July	224	10	30	264
2016	August	291	09	30	330
2016	September	250	10	22	282
2016	October	260	8	23	291
2016	November	292	6	36	334
2016	December	323	7	20	350
2017	January	311	2	27	340
2017	February	288	4	14	306
2017	March	348	7	29	384
	<b>Total</b>	<b>3206</b>	<b>89</b>	<b>291</b>	<b>3586</b>



**x. Central Laboratory Statistics from April 2016 - March 2017**

Year	Month	Microbiology	Biochemistry	Pathology
2016	April	-	-	-
2016	May	-	-	-
2016	June	-	-	-
2016	July	-	-	-
2016	August	-	-	-
2016	September	-	-	-
2016	October	-	-	-
2016	November	-	-	-
2016	December	-	-	-
2017	January	-	-	-
2017	February	5416	6976	8148
2017	March	8366	8194	10323

-Investigation were being carried out by outsourced agency.

**xi. Blood Bank Statistics from April 2016 - March 2017**

Year	Month	Collection
2016	April	-
2016	May	-
2016	June	-
2016	July	267
2016	August	244
2016	September	187
2016	October	247
2016	November	305
2016	December	291
2017	January	404
2017	February	345
2017	March	303
<b>Total</b>		<b>2593</b>

**xii. Immunisation Statistics from April 2016 - March 2017**

Year	Month	Immunisation	Yellow Fever Vaccination
2016	April	218	72
2016	May	195	79
2016	June	246	69
2016	July	227	71
2016	August	238	68
2016	September	253	61
2016	October	347	67
2016	November	404	55
2016	December	292	59
2017	January	343	81
2017	February	237	87
2017	March	334	112
<b>Total</b>		<b>3334</b>	<b>881</b>

**xiii. Free patients treatment Statistics from April 2016 - March 2017**

Year	Month	BPL	Low Income
2016	April	250	35
2016	May	265	37
2016	June	270	42
2016	July	290	45
2016	August	305	52
2016	September	325	57
2016	October	330	62
2016	November	355	55
2016	December	327	85
2017	January	317	92
2017	February	328	63
2017	March	620	69
<b>Total</b>		<b>3982</b>	<b>694</b>



A. SIGNIFICANT EVENTS

- Taking over of central Laboratory by department of Microbiology, Biochemistry & Pathology.
- Initiation of satellite OPD at Balasore.



## ANAESTHESIOLOGY

### FACULTY

Professor & Head	Prof. Sukdev Nayak
Additional Professor	Dr. Satyajeet Misra
Associate Professor	Dr. Swagata Tripathy
Associate Professor	Dr. P Bhaskar Rao
Associate Professor	Dr. Jayant Mitra
Associate Professor	Dr. Bikram Kishore Behera
Associate Professor	Dr. Neha Singh
Assistant Professor	Dr. Sritam Swarup Jena
Assistant Professor	Dr. Aparajita Panda
Assistant Professor	Dr. Alok Sahu

### Highlights

- The dept. of Anaesthesiology provides anaesthesia and critical care services in six operating theatres, one eight bedded surgical ICU, and one medical ICU with 15 beds.
- Besides this, the department also runs a pre-anesthesia clinic as an out-patient clinic 5 days a week from Monday to Friday and Pain and Palliative care clinic on Wednesday and Thursday. The total number of surgeries performed in 2016-17 was 7078.
- The dept. is recognized by the Indian Association of Palliative Care to conduct a bi-annual certificate course in Palliative care. Simulation courses in teaching methods and a workshop on Methadone were conducted in 2016.

### Education

- The dept. has MD (Anaesthesiology) 4 seats in a year, two seats of PDF and 10 seats of Bsc OT Technology.



## Conferences/CME/Workshop Attended & Paper Presented

**Dr. Sukdev Nayak** attended and presented invited papers in the following conferences/workshop:-

1. Rural Anesthesia CME: Amalapuram 26 Apr 2016: Communication Skills for Anesthesiologists.
2. Cancer Pain: Bangalore, Aug 16-20, 2016: Simplifications of Narcotic Rules.
3. National Workshop on Palliative Care, Min of Health Aug 10-12, 2016: Morphine availability.
4. Suicides : A Social Evil, Hyderabad, 5-6th Oct, 2016. Suicide in Cancer patients - Our Experience.
5. East Zone Anaesthesia Conference : Puri, Dhanbad, 9-11th Oct 2016 : Communication Skills & the anesthesiologists.
6. National Anaesthesia Conference, Jaipur, Ludhiana, Dec 25-19, 2016 : Coeliac Plexus Block.
7. National Pain Conference, Nagpur, 3-5 Feb. 2017 : Cancer Pain & the Anesthesiologists.
8. Palliative Care Conference, Pune, 10-12 Feb. 2017 : Quality assurance in Palliative Care.

**Dr Satyajeet Misra** attended and presented papers in the following conferences:-

1. Invited faculty for TRANCRIT 2016 held at Institute of Liver and Biliary Sciences on 14th May 2016- Chairperson for the sessions on critical illness polyneuromyopathy and vasoplegia in ICU.
2. Invited faculty to the 1st international and 10th national IACTA- TEE workshop held at Narayana Hrudalaya, Bangalore from 22nd- 28th August 2016. Topic- Ischaemic mitral regurgitation
3. Invited faculty to the ISACON East Zone Conference held at Puri, Odisha on 9-11th September 2016- Topic- "Transesophageal echocardiography- what an anesthesiologist should know?"
4. Invited faculty to the 64th ISACON at Ludhiana, 26th-29th November 2016. Topic- Pulmonary hypertension and anaesthesia
5. Invited faculty to the IACTA 2017 conference at Pune, 16th-19th February 2017. Topic- Evidence based practice and workshop faculty
6. Human Patient Simulator Network Conference held at Mangalore from 2nd-4th December 2016.

**Dr Swagata Tripathy** attended and presented papers in the following conferences:-

1. Invited faculty 21/22 June 2016- Ganga Anesthesia Refresher Course- Faculty Lecture- Pulmonary Function tests for the anesthetist.
2. Invited faculty 30th September- 2nd October 2016- AIIMS New Delhi Faculty Lecture – Neuroanesthesia Update 2016- A dedicated Neuro-icu is a must.



3. Invited faculty at East Zone Critical Care Conference- October 21-24th 2016- Faculty Lecture- Battling Bugs in The ICU
4. Invited Faculty at ISACON East Zone 2016 at Puri, Odisha from 9th Sep. to 11th Sep. 2016. Presented- "Triage in trauma in resource limited setting" as a part of CME lecture
5. Invited faculty at Indian Society of Anesthesia Conf National – Nov 25- 29th 2016- Ludhiana- Cardiac disease for non-cardiac sugery.
6. Invited faculty at Indian Society of Neuroanesthesia & Critical Care; PGI Chandigarh- 2- 3rd Feb - 2017- Invasive ICP monitoring – the future.
7. Invited faculty Critical Care Update- Whats New- Medanta Medicity – Jan 21-22 2017- Nutrition in Neurocritical Care- Whats New.
8. Invited faculty Critical Care Update Bhubaneswar- 2017 March 11th – 12th- Nutrition in Neurocritical Care

**Dr P Bhaskar Rao** attended and presented papers in the following conferences:-

1. Delivered a lecture as invited faculty on rheumatoid arthritis on 31st july 2016 at IMA House Bhubaneswar in a Symposium on Pain Management
2. Presented a research paper at World Congress of Anaesthesiologists 2016 at Hong Kong from 28th Aug. to 2nd Sep. 2016.
3. Invited Faculty at ISACON East Zone 2016 at Puri, Odisha from 9th Sep. to 11th Sep. 2016. Chairperson for Meet the Experts Session on 11th Sep. 2016.
4. Invited faculty BIPRACON 2016 (BHU Pain Conference) at BHU Varanasi on 2nd-3rd oct. 2016: Stellate Ganglion Block in CRPS.
5. Attended Methadone Workshop organized by Deptt. Of Anaesthesiology on 18th oct. 2016.
6. Attended India Pain Update 2016 held at New Delhi on 11th- 12th Nov. 2016.
7. Attended workshop on “Internship logbook preparation” by Medical Education Unit at AIIMS, Bhubaneswar, on 28-29th Nov. 2016.
8. Attended Research Methodology and Statistics workshop at AIIMS, Bhubaneswar on 1,2nd Dec. 2016.
9. Invited Faculty at 36th Annual Conference of Neuro-Otological & Equilibriometric Society of India. 4th, 6th, 7th & 8th January 2017, at AIIMS, Bhubaneswar.
10. Fellowship in Pain management at DARADIA Pain Foundation under Aesculap Academy Germany June 2016.
11. IASP ISSP multidisciplinary pain management Mumbai March 2017



**Dr Bikram Kishor Behera** attended following conferences:-

1. Attended Annual Conference of Indian Association of Cardiovascular and Thoracic Anesthesiologist IACTA-2017, Pune (Feb-16-19th).
2. Attended CME on Medicolegal Aspects of patient care. AIIMS, Bhubaneswar (Jan- 17th)
3. Participated in workshop on research methodology and scientific writing. AIIMS, Bhubaneswar (Dec-3-4th)

**Dr Neha Singh** attended and presented papers in the following conferences:-

1. Invited Faculty at World Congress of Anaesthesiologists 2016 at Hong Kong from 28th Aug. to 2nd Sep. 2016, for WFSA Innovation Award 2015.
2. Invited Faculty at Panel Discussion on Advanced Brain Monitoring Technologies on 29 Aug. 2016.
3. Invited Faculty at ISACON East Zone 2016 at Puri, Odisha from 9th Sep. to 11th Sep. 2016. Chairperson for Pros and Cons Session on 11th Sep. 2016.
4. Invited Faculty for Cons Session and attended Labour analgesia workshop at ISACON 2016 held at Ludhiana, Punjab on 25-29th Nov. 2016.
5. Attended Research Methodology and Statistics Workshop at AIIMS Bhubaneswar on 1-4th Dec. 2016.
6. Attended CME on Medico legal Legal Aspects of Patient Care at AIIMS Bhubaneswar on 17th Jan, 2017 organized by Department of Forensic Medicine and Toxicology.
7. Attended 32nd ISSPCON 2017, at Jaipur, Rajasthan on 2nd to 5th Feb. 2017.

**Dr Sritam Swarup Jena** attended following conferences: -

1. Attended Annual Neurocritical Care Update (Gurgaon, 24th -25th March, 2017) and attended advanced airway workshop
2. Dr Aparajita Panda attended following conferences:- 1. ISNACC 2017- 24.02.2017 – 26.02.2017

**Dr Alok Sahoo** attended and presented papers in the following conferences:-

1. Invited Faculty at ISACON East Zone 2016 at Puri, Odisha from 9th Sep. to 11th Sep. 2016. Take part in a pro con session debate on simulation in anaesthesia.
2. Attended Methadone Workshop organized by Deptt. Of Anaesthesiology on 18th oct. 2016
3. Attended Research Methodology and Statistics Workshop at AIIMS Bhubaneswar on 1-4th Dec. 2016.
4. Attended CME on Medico legal Aspects of Patient Care at AIIMS Bhubaneswar on 17th Jan, 2017 organized by Department of Forensic Medicine and Toxicology.



5. Invited faculty in critical care update by ISCCM Bhubaneswar March 2017, taken part in ventilator workshop.

## RESEARCH

### Funded Projects:

#### Ongoing

1. Title of the project: Intensive Care associated Mental Health Outcomes, Name of the principal investigator: **Dr. Swagata Tripathy**,  
Funding agency: ICMR ; Duration: 3 years; Start year: 2016 ; Funds: Rs.19 lakhs IEC approval number: IEC/ AIIMS/APPROVALS/2014/3
2. Title of the project: Opioid Free anesthesia for breast surgery under PECS block, Name of the principal investigator: **Dr. Swagata Tripathy**,  
Funding agency: AIIMS Bhubaneswar; Duration: 1 year; Start year: 2017; Funds: Rs. 1 lakh seventy thousand, IEC approval number: AIIMS/BBSR/RC/2016/53
3. Title of the project: Effect of pre-emptive epidural analgesia on postoperative analgesic requirements and pain scores in patients undergoing bilateral knee replacement, Name of the principal investigator: **Dr. P. Bhaskar Rao**,  
Funding agency: AIIMS Bhubaneswar; Duration: 1 year; Start year: ; Funds: Rs. 2 lakhs, IEC approval number: IEC No. T/IM-F/Ansth/15/08

#### Completed:

1. Title of the project. Palliative care Initiative,  
Name of the principal investigator: **Prof Sukdev Nayak**,  
Funding agency: Jiv Daya Foundation, USA Duration, start year: 2014 Funds: Rs.5 lakh.
2. Title of the project. A study on pain and quality of life among women after breast surgery and comparison of two techniques of analgesia. Name of the principal investigator: **Dr. Swagata Tripathy**,  
Funding agency: Non-funded ; Duration: 1 year; Start year: 2016 ; Funds: NA, IEC approval number: T/IM-NF/TEM/15/32
3. Title of the project- Epidemiology of Geriatric patients admitted to TE department. Name of the principal investigator: **Dr. Swagata Tripathy**  
Funding agency: Non-funded ; Duration: 1 year; Start year: 2015 ; Funds: NA IEC approval number: T/IM-NF/TEM/15/33.
4. Title of the project- INAPC- Indian Nurses attitude on Palliative Care in The ICU.  
Name of the principal investigator: **Dr. Swagata Tripathy**  
Funding agency: Non Funded; Duration: 6 months ; Start year: 2015 ; Funds: NA\_  
IEC approval number: T/IM-NF/TEM/14/06





5. Title of the project- Validation of the EQ5D a commonly used health assessment questionnaire in Odia language.  
Name of the principal investigator: **Dr. Swagata Tripathy**  
Funding agency: Non Funded ; Duration: 1 year; Start year:\_2014; Funds: NA  
IEC number- IEC/AIIMS/2013/12/06/06.
6. Title of the project : Correlation of duration of general endotracheal anaesthesia and decrease in oxygenation in patients undergoing non abdominal surgeries.  
Name of principal investigator: **Dr. P. Bhaskar Rao**  
Funding agency: Non-funded; Duration: 1 year ; Start year: 2016 ; Funds; NA  
IEC no. T/IM – NF/Ansth/15/27.

## PUBLICATIONS

1. Pati S, Chauhan AS, Mahapatra S, Nayak S, Weller D. Treatment Experiences of Women with Reproductive Cancers in Odisha, India: A Qualitative Exploration of Enablers and Barriers. *Asian Pac J Cancer Prev.* 2017; 18(4):1019-1024.
2. Mahapatra S, Nayak S, Pati S. Quality of care in cancer: An exploration of patient perspectives. *J Family Med Prim Care.* 2016; 5(2):338-342.
3. Shriram Lovhale P, Misra S, Koshy T-Midesophageal short-axis views of the pulmonary valve with conventional 2-dimensional transesophageal echocardiography. *J Cardiothoracic Vasc Anesth* 2017; 31:236-38
4. Misra S, Pillai VV, Radhakrishnan BK. Abnormal intraprosthetic regurgitation after tricuspid valve replacement with a mechanical prosthesis. *Anesth Analg* 2017; 124:1786-88
5. Vilanilam GC, Gopalakrishnan MS, Misra S, Chatterjee N. Cited heavily, taken lightly, matters hardly. *Neurol India* 2016; 64:1396-98
6. Muralidhar K, Tempe D, Mehta Y, Kapoor PM, Mukerjee C, Koshy T, Tewari P, Shastri N, Misra S, Belani K. Guidelines of the Indian association of Cardiovascular and Thoracic Anaesthesiologists and Indian College of Cardiac Anaesthesia for perioperative transesophageal echocardiography examination. *Ann Card Anaesth* 2016; 19 (supplement): S73-78
7. Koshy T, Misra S, Chatterjee N, Dharan BS. Accuracy of chest x-ray based method for predicting depth of insertion of endotracheal tubes in pediatric patients undergoing cardiac surgery. *J Cardiothorac Vasc Anesth* 2016; 30:947-53
8. Tripathy S, Sasmal P, Rao PB, Mishra TS, Nayak S Cetrимide-chlorhexidine-induced multiorgan failure in surgery of pulmonary hydatid cyst. *Ann Card Anaesth.* 2016;19(3):557-60
9. Tripathy S. Geriatric Neuroanesthesia. *Essentials of Neuroanesthesia*, Edition: 1, Chapter: 38, Publisher: Elsevier. Academic Press., Editors: H Prabhakar, pp.653-658



10. Rao, P. B.; Mangaraj, M.; Mahajan, P.; Tripathy, S. Correlation of Duration of General Endotracheal Anaesthesia to Alteration in Oxygenation. *Anesthesia & Analgesia*: September 2016 - Volume 123 - Issue 3S\_Suppl - p 508–509
11. Raghuwanshi, B., Pehlajani, N., Sinha, M. K., & Tripathy, S. (2017). A retrospective study of transfusion practices in a Tertiary Care Institute. *Indian Journal of Anaesthesia*, 61(1), 24–28. <http://doi.org/10.4103/0019-5049.19839>
12. Bhadani H, Tripathy S. Clash between traditions and economy in geriatric care in India: Observations from a tertiary care hospital . *Journal of Geriatric Care and Research* 2017, Vol 4, No 1
13. Barman A, Sinha MK, Rao PB. Discovertebral (Andersson) lesion of the Ankylosing Spondylitis, a cause of autonomic dysreflexia in spinal cord injury. *Spinal Cord Ser Cases*. 2016; 2:16008.
14. Banerjee PK, Jain A, Behera B. Submandibular intubation as an alternative for intra-operative airway management in maxillofacial fractures - our institutional experience. *Indian J Anaesth* 2016; 60:573-77.
15. Rao PB, Singh N, Mohanty S, Pradhan C. Perioperative management of a case of Paget's disease with dilated cardiomyopathy: A report, *Egypt J Anaesth* (2016), <http://dx.doi.org/10.1016/j.egja.2016.08.005> .
16. Swain S.K, Singh N, Sahu M.C. An unusual presentation of fish bone ingestion in an adolescent girl – A case report. *Egyptian Journal of Ear, Nose, Throat and Allied Sciences* (2016) 17, 95–97.
17. Rao PB, Singh N, Samson S. Central catheter malposition due to dialysis catheter -a case report. *Korean Journal of Anesthesiology*. <http://ekja.org.2016>.
18. Rao PB, Singh N, Ramalingam B. Dexmedetomidine-induced atrial premature complex. *Ann Card Anaesth* 2016; 19:347-50.
19. Swain S.K, Singh N, Samal R, Pani S. K, Sahu M. C. Use of Conchal Cartilages for Laryngotracheal Stenosis: Experiences at a Tertiary Care Hospital of Eastern India. *Indian J Otolaryngol Head Neck Surg* 2016; 1: 1-6.doi:10.1007/s12070-015-0955-z
20. Jaiswal A, Behera BK , Membally R, Mohanty MK. Congenital midline cervical cleft: a case report with review of literature. *International Journal Of Head And Neck Surgery*. 2017;8(1):25-30
21. Jena S, Kamath S, Masapu D, Veenakumari HB, Ramesh VJ, Bhadrinarayan V, et al. Comparison of suction above cuff and standard endotracheal tubes in neurological patients for the incidence of ventilator-associated pneumonia and in-hospital outcome: A randomized controlled pilot study. *Indian J Crit Care Med* 2016; 20:261- 6.
22. Mahapatra V, Panda A, Behera SN, Behera JC. Complete heart block in pregnancy: A report of emergency caesarean section in a parturient without pacemaker. *JCDR* 2016; 10 (10):QD01-QD02 .



## **PATIENT CARE / HOSPITAL SERVICES**

The department provides patient care in the areas of operating theatres, critical care units, preanaesthetic clinics and pain and palliative care services.

## **AWARDS, HONORS & SIGNIFICANT EVENTS**

- Prof Sukdev Nayak was felicitated at the Valedictory function, National Annual Conference of Indian Society of Anaesthesiologists for his contribution as a Member of the Governing Council (2012-2016) of the national apex professional body in Anaesthesiology.
- Prof Sukdev Nayak was inducted into the MCI Subject Expert committee in Palliative Medicine.
- Dr. Satyajeet Misra was made an examiner in 2016 for the prestigious FTEE examination conducted annually every year by the Indian Society of Cardiovascular and Thoracic Anaesthesiologists towards the certification of professionals for the practice of transesophageal echocardiography.
- Society of Anesthesia National Conference - November 2016
- Dr. Neha Singh was awarded the innovative award, at the World Anaesthesiology Congress, Hong Kong September 2016



## ANATOMY

### FACULTY

Additional Professor & Head	Dr. Manisha Rajanand Gaikwad
Associate Professor	Dr. Pravash Ranjan Mishra
Associate Professor	Dr. Naina Santosh Wakode
Assistant Professor	Dr. Prabhas Ranjan Tripathy
Assistant Professor	Dr. E. Tripati Patro
Assistant Professor	Dr. Binita Chaudhary
Assistant Professor	Dr. Amit Purushottam Tirpude
Assistant Professor	Dr. Madhumita Patnaik

### HIGHLIGHTS

- On 5th Oct 2016 the Department of Anatomy organized a Cadaveric Oath taking ceremony for the very first time in the dissection hall of Anatomy department for the newly admitted first MBBS students of 2016 batch in presence of all the faculties of the department.
- In collaboration with the Department of ENT and Neuro-otological & Equilibriometric Society (NES) of India, a hands-on workshop (Cadaveric) was organised in the dissection hall of Anatomy department, AIIMS, Bhubaneswar on 6th January 2017.

### FACILITIES AVAILABLE IN THE DEPARTMENT

- Embalming facility
- Cold storage facilities with Mortuary cooler containing 12 cabinets.
- Body donation programme
- 208 volunteers have pledged to donate their body for medical education & research in the department of Anatomy. We have received (04) cadavers through voluntary body donation.
- Foetal Autopsy in association with department of Forensic Medicine and Toxicology, Obstetrics and Gynaecology and Pathology.

### EDUCATION

- Dr. Manisha R Gaikwad Additional Professor & Head of Anatomy department undergone training at the 75th NTTTC National course on Educational Science for Teachers of Health Professionals from 19th Sept 2016 to 24th Sept 2016 at Department of Medical Education (National Teacher's Training Centre) JIPMER, Puducherry.



- Dr. Prabhas Ranjan Tripathy attended the workshop on research methodology and How to write a scientific paper, organised at AIIMS, Bhubaneswar.

## CONFERENCES/CMEs/WORKSHOPS ATTENDED & PAPER PRESENTED

### Dr. Manisha Gaikwad

1. Attended the workshop on Cytogenetics at 64th NATCON from 28th Nov to 1st Dec 2016 at Department of Anatomy, AIIMS, Jodhpur.
2. Organizing chairman for hands on cadaveric workshop on temporal bone dissection and endoscopic sinus surgery NES 2017 and 36th Annual Conference of Neuro-otological & equilibriometric Society of India, AIIMS Bhubaneswar on 6th Jan 2017.
3. Attended the workshop and conference BAGE-2016 Annual conference of Indian Association of Gynecological endoscopists from 9th to 11th Sept 2016 at SUM hospital, Bhubaneswar and Hotel New Marion, Bhubaneswar.
4. Attended the National Conference of Association of Medical Women of India, Nagpur chapter on 15th & 16th Oct 2016 at Hotel Centre Point, Nagpur She chaired a free paper session and an Oration on Sustainable Development Goals by Dr Padmini Murthy, Professor and Global Health Director at New York Medical College, USA.
5. Attended 64th NATCON (National conference of Anatomical Society of India) from 28th Nov to 1st Dec 2016 at Dept of Anatomy, AIIMS, Jodhpur. She chaired a scientific paper session on 29th Nov 2016 and was selected as Executive committee member of Anatomical Society of India (National body) for the year 2016-17.
6. Attended the 29th Annual meeting of Odisha Chapter of Anatomists at SCB Medical College and Hospital, Cuttack on 15th Jan 2017.
7. Attended the Manipal Genetics Update IV on genetic counseling, from 3rd & 4th March 2017 at Dept. of Medical Genetics, Kasturba Medical College, Manipal Karnataka.
8. Attended the CME on Hemovigilance in 26th April 2016 organized by National Institute of Biologicals and dept. of Transfusion Medicine and Blood bank at AIIMS, Bhubaneswar.
9. Attended the CME on Medico-legal aspects of Patient care on 17th Jan 2017 conducted by FMT department in AIIMS BBSR.
10. Attended the first National Bioethics, Medical and Research conference ETHOS 2017 23rd to 25th Feb 2017 at Mahatma Gandhi Institute of Medical Sciences, Sevagram, Maharashtra.
11. Attended pre-conference CME on cytogenetics at 64th NATCON at AIIMS Jodhpur in November 2016.



**Dr. Pravash Ranjan Mishra**

1. Attended the hands-on workshop (Cadaveric) on Otolaryngology in Anatomy department, AIIMS, Bhubaneswar on 6th Jan 2017.
2. Attended 36th Annual Conference of Neuro otological & Equilibrimetric society of India, AIIMS, BBSR on 6th Jan 2017.

**Dr. Naina Santosh Wakode**

1. Attended Hands on Cadaveric Workshop on Otolaryngology in Dept. of Anatomy, AIIMS Bhubaneswar.
2. Attended NATCON 64 at AIIMS Jodhpur in Nov 2016(CME-Flowcytometry).
3. 29th Odisha Chapter of Anatomy at SCB Medical College Cuttack 15th Jan 2017.
4. Attended 36th Annual Conference of Neuro-otological & equilibrimetric Society of India, AIIMS Bhubaneswar Jan 2017.
5. Presented paper on Team-based learning & Modified Method of Learning process introduced in first year medical students.

**Dr. Prabhas Ranjan Tripathy**

1. Attended Hands on Cadaveric Workshop on Otolaryngology in Dept. of Anatomy, AIIMS Bhubaneswar.
2. Attended 29th Odisha Chapter Of Anatomy at SCB Medical College, Cuttack 15th Jan 2017.
3. Attended 36th Annual Conference of Neuro otological & Equilibrimetric society of India, AIIMS, BBSR on 6th Jan 2017.

**Dr. Amit Tirpude**

1. Attended Hands on Cadaveric Workshop on Otolaryngology in Dept. of Anatomy, AIIMS Bhubaneswar on 6th Jan 2017.
2. Attended ERICON-2017 at DMIMS Nagpur on Feb-2017.
3. Has attended pre-conference CME on cytogenetics and NATCON 64 at AIIMS Jodhpur in November 2016.
4. Presented paper titled Correlation between digital ratio (2D:4D) of hand with age at Menarche in NATCON – 64 at AIIMS Jodhpur November 2016.

**Dr. Binita Chaudhary**

1. Attended Hands on Cadaveric Workshop on Otolaryngology in Dept. of Anatomy, AIIMS Bhubaneswar on 6th Jan 2017.
2. Attended 29th Odisha Chapter of Anatomy at SCB Medical College, Cuttack 15th Jan 2017.
3. 36th annual conference of neuro-otological and equilibrium society at AIIMS Bhubaneswar Jan 2017.



5. Attended 7th national conference Indian society of lung cancer at Bhubaneswar.
6. Attended NATCON-64 at AIIMS, Jodhpur November-2016 (CME – Cytogenetics).
7. Dr Binita Chaudhary presented a poster titled Anomalous origin of Musculocutaneous Nerve along with an additional Nerve supply to biceps brachii & brachialis from Median Nerve November-2016.

#### **Dr. Madhumita Patnaik**

1. Attended NATCON 64 of ASI from 28th Nov to 1st Dec 2016, at AIIMS Jodhpur and presented an oral paper - “Elixir for the aging mind: An empirical review of the neuroprotective effects of meditation in elderly”.
2. Attended 26th annual conference of Odisha state chapter of ASI on 15th Jan 2017 at SCB Med College, Cuttack and presented an oral paper - “Macroscopic and Histological Study of a Persistent Thymus Gland in an Adult Human Cadaver”.

#### **PUBLICATIONS**

1. Tripathy P R, Gaikwad M R, Patro E T, Mishra P R. Role of Cadaveric workshop in refining the surgical skills; an experience and way ahead in an institute of National importance. Indian Journal of Anatomy and Surgery of Head neck and Brain, Vol 3, Issue 1, Jan-Mar 2017.

#### **AWARDS, HONOURS**

- Dr. Manisha R Gaikwad, Additional Professor & HOD Anatomy received the Dadhichi Samman on 10th April 2016 by Body and Organ Donation Initiative (BODI) a NGO by Dr Pravash Acharya at Jaydev Bhawan, Bhubaneswar.
- Dr. Manisha R Gaikwad, is the Executive committee member of Anatomical Society of India (National body) for the year 2016-17.



## AYUSH

### Faculty

Medical Officer, Ayurveda  
Yoga Trainer

Dr. Deepak Kar  
Dr. Rajesh Kumar Manik

### HIGHLIGHTS:

The 3rd International Yoga Day was celebrated by the department of AYUSH in three phases. On 10th of June the yoga training program was arranged to train up the participants as per the common yoga protocol. Many scholars and students presented scientific papers in first CME of the department held on 20th of June on advancement of Yoga and Modern Therapy. On 21st June the celebration was followed by Yogathan in the early morning, Mass Yoga Demonstration and welcome ceremony followed by cultural program and plantation.

### EDUCATION

Yoga classes for MBBS & B.Sc. Nursing Students.

### Conferences / CMC/Workshop & lecture Delivered/ Paper Presented

**Dr. Deepak Kar** presented a paper on “Principle of Ayurveda in context with Clinical Yoga on International Yoga Day. **Dr. Rajesh Manik** presented a paper on “Integrated Approach of yoga on Diabetes Mellitus on the Theme of Eyes on Diabetes arranged by the department of Endocrinology”. **Dr. Rajesh Manik** presented a paper on “The role of Pranayama on post phase of patients on meningioma, on 20th June in 1st CME of Advancement of Yoga and Modern Therapy

### PUBLICATIONS:

1. Bhatia V, Raghubansi B, Manik R. A review on Yoga Therapy for Diabetes management. National Journal of Community Medicine. 2016 Jan, vol5 (1): 33-36.
2. Das D, Manik R. Effect of Integrated Approach of Yoga on Essential Hypertension. Journal of Evidence based Medicine and Healthcare; Volume 2, Issue 33, August 17, 2015; Page: 4925-4938, DOI: 10.18410/jebmh/2015/689
3. Manik R, Mahapatra A, Gartia R, Bansal S, Pattanaik A. Effect of Selected Yogic Practices in management of Lumbar Spondylitis. International Journal of Yoga v.10(2); May- Aug 2017 PMC5433117

Books: 1. **Dr. Rajesh Manik** Health Healing and Harmony through yoga.  
2. Divya Chintan (Dr. Rajesh Manik)

### PATIENT CARE / HOSPITAL SERVICES

Ayurveda- Starting from the OPD from 02.09.2016 in the Dept. of Ayurveda around 3000 patients has been successfully treated. Yoga Therapy: 10000 patients have been treated in the year 2016-17. IPD: Regular visit to the IPD of Psychiatry, Neurosurgery, ICU.





## BIOCHEMISTRY

### FACULTY

Professor & Head	Dr. Manaswini Mangaraj
Associate Professor	Dr. Suchanda Sahu
Assistant Professor	Dr. Debapriya Bandyopadhyay
Assistant Professor	Dr. Prakruti Dash
Assistant Professor	Dr. Suchitra Kumari
Assistant Professor	Dr. Gautom Kumar Saharia

### HIGHLIGHTS

- The Department of Biochemistry, AIIMS, Bhubaneswar, is actively involved in Teaching, research, patient care and Institutional activities. The Department has received appreciation for quality teaching of MBBS students for its dedicated effort in teaching. Quality laboratory diagnostic services are being provided 24x7 to the patients by the Department.
- In addition to the regular academic programs and CMEs, the faculty also guide undergraduate students with ICMR-STs projects. Several intramural, extramural and collaborative research projects are being conducted in the Department and the research output is regularly being published in National and International Indexed Journals.

### SERVICE PROVIDED BY THE DEPARTMENT

- Since 21st January 2017, the Department has started providing 24 x 7 laboratory diagnostic services to all patients visiting AIIMS, Bhubaneswar Hospital on more than thirty biochemistry and hormonal parameters with newer parameters being introduced on a regular basis.

### EDUCATION

- The Department is actively involved in Post Graduate, and undergraduate teaching curriculum with MD, MBBS, B.Sc. Nursing and BSc Paramedical courses.

**Dr. Prakruti Dash**

1. Attended 56th Annual Conference and convocation of the National Academy of Medical Sciences held on 22nd October 2016 at AIIMS Raipur.
2. Attended 24th Annual conference of Association of Medical Biochemists of India (AMBICON 2016), 17th - 20th November 2016 at Guwahati, Assam and presented a paper titled "Teaching Learning Methodology in Biochemistry... a student's perspective".

**Dr. Suchitra Kumari**

1. Attended 24th Annual conference of Association of Medical Biochemists of India (AMBICON 2016), 17th - 20th November 2016, at Guwahati, Assam and presented a paper titled "Prevalence of Hyponatremia and its clinic-demographic profile in a tertiary care setup".
2. Attended 8th AMBICON (state chapter) on 8th Jan 2017 at MKCG Medical college, Berhampur, Odisha and presented a paper titled "Effect of guava on blood glucose and lipid profile in healthy human subjects- a randomized controlled trial".

**Dr Gautom Kumar Saharia**

1. Attended Workshop on Research methodology, statistics and scientific writing from 1-4th December 2016, at AIIMS, Bhubaneswar.
2. Attended workshop on HPLC at SIES-ICS, Navi Mumbai, Maharashtra from 21-23rd February 2017.
3. Attended 24th National Conference of Association of Medical Biochemists of India (AMBI) 2016 from 18-20th November 2016 at Guwahati, Assam- Presented paper titled "Effect of blood collection tubes on serum lithium and calcium assays".
4. Attended 43rd National Conference of Association of Clinical Biochemists of India (ACBI) 2016 from 13-15th December 2016 at Mangaluru, Karnataka, presented poster on "Differences in serum electrolytes concentrations in different blood collection tubes".
5. Attended 4th International conference of Indian Society of Inborn Errors of Metabolism (ISIEM) from 10-12th February 2017 at Chennai, Tamil Nadu.



## RESEARCH

### Funded:

1. Title of the project: Effect of Folic acid and Vitamin B12 supplementation on Biochemical parameters in subjects with type-2 Diabetes.  
Name of the principal investigator: **Dr. Debapriya Bandyopadhyay** Funding agency: AIIMS, BBSR Intramural Funded Project Duration, start year: 1 Year, 2016  
Funds: Rs.4,20,000  
IEC approval number: T/IM-F/Biochem/15/22
2. Title of the project: Occurrence of subclinical hypothyroidism in pregnancy and its association with anti-TPO antibody and GDM  
Name of the principal investigator: **Dr. Prakruti Dash** Funding agency: AIIMS, BBSR Intramural Funded Project Duration, start year: 1 Year, 2016  
Funds: Rs.3,00,000  
IEC approval number: T/IM-F/Biochem/15/01

### Departmental: Ongoing:

1. Title of the project: Therapeutic effect of Momordica Charantia on blood glucose, lipid profile and oxidative stress in Type 2 Diabetes Mellitus patients.  
Name of the principal investigator: **Dr Suchitra Kumari** Funding agency: AIIMS, BBSR  
Duration, start year: 1 Year, 2016 Funds: Non-funded  
IEC approval number: T/IM-NF/Biochem/16/14

### Completed:

1. Title of the project: Prevalence of Hyponatremia and its clinic-demographic profile in a tertiary care setup  
Name of the principal investigator: **Dr. Manaswini Mangaraj**  
IEC approval number: T/IM-NF/Biochem/15/16
2. Title of the project: Effect of Tulsi (Ocimum sanctum Linn.) Supplementation on metabolic parameters and liver enzymes in young overweight and obese subjects  
Name of the principal investigator: **Dr Debapriya Bandyopadhyay**  
IEC approval number: T/IM-NF/Biochem/15/04



3. Title of the project: Usefulness of hsCRP as a salivary marker for stress as compared to Salivary Cortisol levels in undergraduate students under Examination stress. Name of the principal investigator: **Dr Debapriya Bandyopadhyay**  
IEC approval number: T/IM-NF/Biochem/16/09
4. Title of the project: Effect of total hemoglobin level on HbA1c value in type-2 Diabetes Mellitus patients  
Name of the principal investigator: **Dr.Prakruti Dash**  
IEC approval number: T/IM-NF/Biochem/15/39
5. Title of the project: Effect of guava on blood glucose and lipid profile in healthy human subjects- a randomized controlled trial  
Name of the principal investigator: **Dr.Suchitra Kumari**  
IEC approval number: T/IM-NF/Biochem/14/24
6. Title of the project: Proportion of Electrolyte Imbalance in Diabetes Mellitus and its association with renal dysfunction.  
Name of the principal investigator: **Dr Suchitra Kumari**  
IEC approval number: T/IM-NF/Biochem/15/19

## PUBLICATIONS

1. Panda S, Jena SK, Nanda R, Mangaraj M, Nayak P. Ischaemic markers in acute hepatic injury. JCDR. 2016 Apr, Vol-10(4): BC20-BC23
2. Kumari S, Rakavi R, Mangaraj M. Effect of Guava in Blood Glucose & Lipid Profile in Healthy Human Subjects- A randomised control study. JCDR 2016; Sept; 10(9):BC04-BC07.
3. Kumari S, Dash I, Mangaraj M. Association of Serum Electrolyte with Renal Function in Diabetes Mellitus- A pilot study. IJCBR 2016; 3(3): 335-339.
4. Satapathy S, Das N, Bandyopadhyay D. Ind J ClinBiochem (2016). doi:10.1007/s12291-016-0615-4
5. Bandyopadhyay D, Tripathy PR, Pushpalatha K. Dissecting the question paper. Indian Journal of Community & Family Medicine. 2016;2(1): 32-34
6. Bharosay A, Bharosay VV, Bandyopadhyay D et al. Neurological worsening and association between LDL, HDL ratio, mean platelet volume and platelet count in cerebrovascular ischemic stroke. Int J Health Sci Res. 2016; 6(4):209-215.
7. Sahu S, Dash P, Ray S. Subclinical hypothyroidism in pregnancy-a case series. Bangladesh Journal of Medical Science. 2017; 16 (1):42-9.
8. Dash Prakruti. Impending bone involvement in Thalassemia major patients-is serum



- alkaline Phosphatase an early marker? European Journal of Biomedical and Pharmaceutical Sciences. 2016;3(4): 433-5
9. Suchitra Kumari, Tarun K Panda, Tapaswini Pradhan. Lysyl Oxidase: its diversity in health and diseases. Ind J Clin Biochem 2016; DOI 10.1007/s12291-016-0576-7.
  10. Kumari Suchitra, Panda Tarun K. Biochemical basis and emerging molecular targets to treat Diabetic Retinopathy. Int J Clin and Biomed Res. 2016;2(1):41-49.

## **AWARDS, HONOURS**

### **Dr. Manaswini Mangaraj**

- Received the FIMSA Scroll at 35th Annual Conference of IMSA, at Mauritius
- Was a member of expert panel for promotion Committee for faculty in KIIT University.
- Enrolled in expert panel of Delhi University for screening of faculty
- Enrolled in UPSC Advisors panel as Advisor in Medical Sciences Allopathy- Academic Type.
- Received Life Membership of RSSDI (Research Society for the Study of Diabetes in India)
- Received Life Member of Proteomics Society of India.

### **Dr. Debapriya Bandyopadhyay**

1. Nodal Officer for AIIMS, Bhubaneswar for uploading the data for All India Survey for Higher Education (AISHE), under the Ministry of Human Resource Development, Govt. of India.

### **Dr. Prakruti Dash**

1. Received the Life membership of the National Academy of Medical Sciences (NAMS) during the 56th Annual Conference and convocation of the National Academy of Medical Sciences held on 22nd October 2016 at AIIMS Raipur.

### **Dr. Suchitra Kumari**

- Awarded Certificate for successfully completing the Course “Health Research Fundamentals” -NIE-ICMR course in-Elite group.
- Received award of appreciation from honorable Member of Parliament (Prof.) Dr Prasanna Kumar Patasani, on the eve of Annual day celebration of Asha Pradeep for contribution towards Public Health.



## BURNS & PLASTIC SURGERY

### Faculty

Assistant Professor : Dr. Sanjay Kumar Giri

### HIGHLIGHTS

Department started functioning on 22.08.2016, OPD started on 27.08.2016 & OT Started on 01.10.2016

### EDUCATION

- Teaching of undergraduate students of 4 classes allotted & OPD teaching of Postgraduate students & nursing students.
- Nursing students 5 hours (1 hours of 5 classes) besides bed side teaching in indoor & Operation Theatres 1 hour per week.

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

1. 29th April to 1st May 2016 – Participated conference AESURG – 2016 organised by IAAPS
2. 8th to 10th July 2016 – Participated 4th International Best of Burns Symposium on Intense care and emergency medical.
3. 15th July 2016 - Organised Live workshop & CME on Trauma (Brachial Plexus Injury) by department of Burns & Plastic Surgery.
4. 24th Nov – 27th Nov 2016 – Attended & Paper presented on Skin lightening agent – Systemic vs topical a review of literature in APSICON 2016 at Delhi.
5. 1st & 2nd December 2016 – Participate in workshop on Research Methodology & statistics at AIIMS, Bhubaneswar.
6. 13th & 14th January 2017 – Organising Secretary of workshop Aesthetic Surgery & CME as faculty in CME of APRASOCON 2017 in Cuttack.
7. 17th Jan 2017 – CME on medico legal aspects of patient care organised by Department of FMT in AIIMS, Bhubaneswar
8. 3rd – 5th February 2017 – As faculty presented paper on various reconstructive procedure or electric burns in scalp defect in OSASICON 2017, KIIMS, Bhubaneswar.
9. 3rd – 5th February 2017 – Chaired scientific session & present paper on reconstruct of post electrical burn defect of upper extremity at NABICON 2017 in Delhi



10. 8th – 11th February 2017 – Attended International cleft congress, Chennai, India
11. 5th & 6th Mar 2017 – Palliative care training programme at AIIMS, Bhubaneswar
12. 6th March 2017 – Organised workshop on Lymphedema day at AIIMS, Bhubaneswar

### WORKSHOP

1. On 6th March 2017 World Lymphedema day workshop done & case was operated on Lymphedema by Dr. Gugia & Prof. Satyanarayan Mishra.

### PUBLICATIONS:

Reconstruction of post thermal burn defect of face and shoulder with pedicle flap and skin grafting (int. J. Pharm. Sci. Rev. Res., 33(1), July – August 2015; article no. 45, pages: 240-243 issn 0976 – 044x)

### PATIENT CARE / HOSPITAL SERVICES

#### Procedures Performed

- Burns contractures & scars
  - o Hand - 24
  - o Elbow - 07
  - o Neck - 04
  - o Foot - 01
  - o Leg & knee - 04
- Post snake bite contracture - 02
- Congenital contracture - 03
- Facio maxillary
  - o Zygoma - 02
  - o Mandible - 02
- Congenital
  - o Hemangioma - 07
  - o Cleft lip/palate - 02
  - o Hydrocephalus - 01
- Reconstruction
  - o BCC Scalp - 03
  - o Nose - 01
  - o Upper lip - 01
  - o SCC - 01
  - o Parotid Tumor - 01



- o Desmoids - 01
- Lymphedema - 02
- Trauma - 12
- Cosmetic Surgery
  - o Gynecomastia - 03
  - o Mole excision - 05
  - o Tattoo Removal - 05
  - o Scar Revision - 05
  - o CTS - 04
  - o Non-Healing ulcers - 44
  - o Diabetes Ulcer - 10
  - o Fibro Adenoma breast- 03
- Lower extremity
  - o Tendo Achilles repair - 04
  - o Heel Defect
- ✦ Medial Planter flap - 02
- ✦ Reverse sural - 01
- ✦ Cross leg flap - 02
- Brachial plexus injury - 01
- Pressure Sore Management - 04
- Approximately 250 cases are already done till date.

And a lot to be done e.g. free tissue transfer, cosmetic procedure and last not the least burn unit will be established shortly

### AWARDS, HONORS & SIGNIFICANT EVENTS

1. Awarded Phoolan Devi Traveling Fellowship in Burns 2017 by National Academy Burns of India.
2. 15th July 2016 - Organized live workshop & CME on Trauma (Brachial Plexus Injury) by department of Burns & Plastic Surgery.
3. 13th & 14th January 2017 – Organizing Secretary of workshop Aesthetic Surgery & CME as faculty in CME of APRASOCON 2017 in Cuttack.
4. 6th March 2017 – Organized workshop on Lymphedema day at AIIMS, Bhubaneswar inclusion





## COLLEGE OF NURSING

### FACULTY:

Assistant Professor & HOD I/C  
Assistant Professor

Mrs. Dharitri Swain  
Mr. Nanda Ku. Paniyadi

### HIGHLIGHTS:

- Four batches of undergraduate B.sc (Hones) Nursing course is running and with internship programme. The academic session was formally started on 1st August 2016 and the internship training was started in the month of February 2017.
- The College has provided hospital services & community service in the form of clinical supervision and posting of undergraduate students in various clinical & community areas by providing direct patient care, patient education and counseling services for various groups of patients in the hospital, family & community.
- The following important curricula and educational activities were conducted in the college of Nursing as parts of the academic. Students were actively participated in all the activities in the form of conducting exhibition, health education to the public, poster presentation and attended scientific sessions.
  - \* World Health Day - 7th April 2016
  - \* International Nurses Day-12th May 2016
  - \* World Diabetic Day -15th November 2016
  - \* Fresher's Day- 21st November 2016
  - \* Lamp Lighting/Oath Taking Ceremony-29th November 2016
  - \* World AID's day-1st December 2016
  - \* Community Health Camp- 3rd October 2016
  - \* School Health Programme-4th October 2016
  - \* Mass Health Education Programme-2nd February 2017.
  - \* International women's Day 2017 Report-8th March 2017

### EDUCATION:

#### Undergraduate B.Sc Nursing Training:

The college offers B.sc(Hons) Nursing course with 60 intake per batch. Undergraduate nursing students were engaged with educational teaching, clinical practice and community field practice. Also students were participated and observed various health programs and scientific programs.

**Training Programme :**

Students had undergone various short-term nursing training on different aspects of clinical practice such as

- BLS training
- Neonatal resuscitation programme(NRP)
- Midwifery simulation training
- Therapeutic Diet Preparation
- Stoma Care
- Sudarshan Kriya Yoga Training,
- OT Training
- advanced Internship skill training

**CONFERENCES/CME/WORKSHOP****Mrs Dharitri Swain**

1. Invited as a resource person in National Conference on 'New Horizon in nursing research-Quality research 'organized by SUM Nursing College, SOA University, Bhubaneswar, 1st October 2016.
2. Chaired a session in International Conference on "Recent advance in nursing education and research" organized by institute of nursing education and research, New Delhi University, Bhubaneswar, 25th-26th November 2016.
3. Invited as a resource person in the state level seminar on SOMI-Odisha chapter on 'Challenge of Midwifery teacher-Best Practice to Overcoming Obstacles organized by KIIT University, Bhubaneswar, 19th November 2016.
4. Participated as panelist in the panel discussion on public lecture at AIIMS Bhubaneswar on 1st December 2016 for World AIDS Day celebration.
5. Attended workshop on "research methodology and statistics" under faculty development programme held on 1st and 2nd December 2016 at AIIMS Bhubaneswar.
6. Attended workshop on "scientific writing" under faculty development programme held on 07.02.2017 and 08.02.2017 at AIIMS Bhubaneswar.
7. Presented paper on 'Opportunities and Challenges in implementing community based skilled birth attendance strategy in selected community of Odisha' in Society Of Midwives of India (SOMI) state level seminar organized by KIIT University, Bhubaneswar, 17th December 2016.
8. Invited as a resource person in the state level seminar on SOMI-Odisha chapter on 'Opportunities and Challenge face by of teacher in teaching Midwifery-Best Practice to overcome organized by DRIEMS College of Nursing, Tangi, Cuttack, 31st March 2017.

**Mr Nanda Kumar. P,**

1. Attended TNAI (75th ) Biennial National Conference on Nurses: A force for change : Improving Health System's Resilience Organized by Trained Nurses Association of India, Rajasthan Unit at BM Birla Auditorium, Jaipur from 17th and 18th Oct 2016.
2. Attended International conference on Impact of Global Issues on Women and Children from 9th to 12th Jan 2017 at Dr TMA Pai Auditorium, Manipal University, Manipal, Organized by Manipal College of Nursing, Manipal, Karnataka.
3. Attended ISPN-3rd International Conference on Rehabilitation of Person with Mental Illness: Nursing Perspectives from 10th to 12th Feb 2017 held at Conventional Centre, NIMHANS (INI), Bengaluru.
4. Attended NABH National workshop on “Programme Implementation of NABH Standards for Nursing Excellence Certification” from 25th and 26th Mar 2017 held at Wockhard Hospital, Mumbai

**RESEARCH****Funded Projects-Ongoing Project :**

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 code:T/EM-F/Nurs/13/08
2. Title of Project: Effect of Sudarshan Kriya Yogic (SKY) breathing on physical and mental health of health professional female students.  
Name of the principal investigator: **Mrs Dharitri Swain** Sponsoring Agency: Intramural project (AIIMS, BBSR) Duration: 1 year, Start Year: January 2017, Total Fund: 2 lakh IEC code: T/EM-F/Nurs/17/06

**PUBLICATIONS****Journal**

1. Swain D. Perceptions of School Teacher's regarding Nutritional status and Dietary practices among School going children in selected Rural School, Bhubaneswar. International Journal of Nursing Education. 2016;8(3):30-34.



2. Swain D. The natural child birthing approaches and its outcomes -A Review article. Journal of Nurse Midwifery and Maternal Health (JNMMH). 2016; 2(2):97- 104

**Book publication:**

1. Dharitri Swain, Obstetrics Nursing Procedure Manual. 1st Edition-New Delhi: JAYPEE Brothers publishers; 2017.

**PATIENT CARE/HOSPITAL SERVICES:**

Under graduate nursing students were posted in all the Clinical &Community areas based on their curriculum requirement. Students were provided patient care under clinical supervision and conducted mass health education and community education programme in various aspects of health.

**AWARD, HONOURS AND SIGNIFICANT EVENTS :**

1. Mrs. Dharitri Swain, Assistant professor
  - Selected Nursing Staff selection committee member of IIT, Bhubaneswar and member of Board of Studies of S'O'A University for B.sc Nursing & M.Sc Nursing courses and also she has been elected as examination panel member in other national institution.
  - She is elected as an editorial board member in Journal of Obstetrics, Perinatal and Neonatal Nursing, International Journal of Nursing Education and Research, International Journal of practical Nursing (IJPN),
  - In addition, she is also the reviewer of two National Nursing journals.



## COMMUNITY MEDICINE & FAMILY MEDICINE

### FACULTY

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

### HIGHLIGHTS

- The department has made significant strides in provision of promotive, preventive and curative services in the hospital as well as the community. It has collaborated with the state health departments and established the Integrated Counselling and Testing centre as well as DOTS clinic under Revised National Tuberculosis Control Programme.
- Urban Health Training Centre was started in Nayapalli, Bhubaneswar from July 2016.
- Department is running seven clinics in the hospital and two rural and one urban health training centres, that collectively provided OPD and immunization services to 38012 patients/clients in the last one year.
- Newer vaccines such as IPV, Rotavirus were introduced. Academically, the department has MD program with two postgraduate students from August 2016.
- It celebrated World Health Day in April 2016, World Diabetes Day in November 2016 and World AIDS Day in December 2016 with CMEs on respective themes.
- Department is undertaking funded projects from World Food Programme, UNICEF and the Odisha state government. Projects amounting to about over three crores are still ongoing or completed in the year 2017.
- Indian Journal of Community and Family Medicine which was started in 2015 by the Department of Community Medicine and Family medicine under aegis of Ministry of Health and Family Welfare, GOI released two more issues in 2016-17 as scheduled.
- The first batch of 50 MBBS students (2012 Batch) has finished final professional examinations in December 2016. They are currently undergoing three months rotatory internship training in the department of community & family medicine. They are posted at various clinics in the hospital, Khorda District hospital, rural and urban health training centres to acquire skills in patient management and assess community needs. Teaching activities from the department



of community and family medicine are extended to four batches of MBBS students and three batches of nursing students. As a part of community training, each batch of MBBS student is allotted a village. Regular visits are made by the MBBS students to the villages and various activities as Health camps, assessing the health profile of the family members and health advisory service provision are done. They have six weeks of posting each in rural and urban community. Students are also taken to various places of public health importance to provide a comprehensive understanding of community medicine. Nursing students also visit the community and carry out health assessment and educational activities. Students are also assigned research projects, exposed to health programmes and health care delivery system.

- Presently, two Junior Residents are pursuing MD in Community Medicine. Post graduate students are assigned guides and co-guides and are pursuing their dissertation. Varied methodologies as seminars, journal clubs, research activities, posting in clinical departments, are adopted for teaching the postgraduate students.

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

- **Dr. Vikas Bhatia**

1. Chairperson, Scientific Committee, National Conference of Indian Public Health Association, AIIMS, Jodhpur, (24th to 26th February 2017)
2. Speaker, and Chairperson, Scientific Session at International Conference IMSA (International Medical Sciences Academy) held at Mauritius, (6th to 8th October 2016).
3. Guest of Honor, Panelist, Chairperson, International Conference of Drug and Development, University Institute of Legal Studies, Punjab University, Chandigarh (8th and 9th April 2016)
4. Invited Speaker: Role of Health Policy in decision making at National Vaccinology workshop at PGIMER, Chandigarh (27th to 31st July 2016)
5. Chairperson at Inaugural session of Park Memorial Award ceremony at National conference of IPHA (Indian Public Health Association) at AIIMS Jodhpur, (24th to 26th February 2017)
6. Speaker (Sustainable Development program and Elderly persons), at World Congress of Gerontology and Geriatrics International Collaborative Conference, IIS, Bengaluru, (23-25 Nov 2016)
7. Chairperson, Scientific Session, National Conference AIDSCON, (3-4 Feb, 2017)
8. Co-Patron, Guest of honor, 7th National Conference of Indian Society for Lung cancer, (14 Jan 2017), at Bhubaneswar
9. Course Director, Epidemic Management Training Programme: Induction Training of Medical Officers of Govt. of Odisha. Dept. of Community Med & Family Med, AIIMS, Bhubaneswar in collaboration with Department of Health & Family Welfare, Govt. of Odisha delivered three lectures in each training program.
10. Participated in National Conference of Indian Association of Preventive and Social Medicine



(IAPSM), Kolkata, (10th to 12th February 2017)

11. Chairperson at 35th Annual Conference of Indian Association of Preventive and Social Medicine (IAPSM), (Odisha State Branch, 10th December 2016)
12. Organized and speaker on ToT on Swabhiman – Maternal Nutrition intervention at AIIMS BBSR (26-29/10/2016)
13. Organized sensitization meeting, INAP for faculty of AIIMS- BBSR (07/11/2016) with support from UNICEF Chief Odisha Speaker at Partner's Review meeting on Swabhiman multi-sector demonstration program UNICEF, New Delhi 29-30 Aug, 2016.
14. Invited to inaugurate / deliver lectures (from time to time ) on “Human body structure, its key function and related disability” at Orientation Training Programme in FIC ICD 10 & ICF coding) for non-medical personnel at Regional Office of Health & Family Welfare (ROH&FW), Bhubaneswar
15. Organized workshop and presentation on Process Documentation of National Iron Plus Initiative for Odisha at AIIMS, Bhubaneswar with the support of UNICEF from 8th – 9th April, 2016)
16. Strengthening of services of MOHFW- GOI approved first and only Yellow Fever vaccination center in Odisha to international travelers. OPV drops are also included this year. Dr. Vikas Bhatia represented YF Vaccination Review meeting at MoHFW, GOI, Delhi on 23/05/2016

● **Dr Sonu H Subba**

1. Judged an e-poster session on 25th February 2017 during the 61st Annual National Conference of Indian Public Health Association (IPHA) & First State Conference of IPHA Rajasthan Branch.
2. Member of the inauguration committee at the Annual National Conference of Indian Public Health Association (IPHA) & First State Conference of IPHA Rajasthan Branch.
3. Invited to be a guest speaker at the National Symposium on Universal Health Coverage in India on 12th December 2016 at KIIT University, Bhubaneswar.
4. Chaired a scientific session on 10th December 2016 at 35th Annual Conference of Indian Association of Preventive & Social Medicine- OSB held at KIMS, Bhubaneswar.
5. Invited as a resource person to speak on Women Empowerment by Rotary Club of Bhubaneswar on 25th September 2016.
6. Chaired a scientific session on the occasion of World Health Day at AIIMS Bhubaneswar on 7th April 2016.
7. Attended the National Course on Public Health Approaches to Non- communicable diseases conducted by PGI-Chandigarh from 2nd to 7th March 2017
8. Attended the International Public Health Management Development Programme conducted by PGI-Chandigarh on 16-20th December 2016
9. Resource person for training of Odisha state medical officers on Epidemic Management



Training Programme at AIIMS Bhubaneswar in August 2016 and February 2017.

10. Organized an AFP and Measles workshop with WHO Office, Odisha at AIIMS Bhubaneswar on 22nd July 2016. Participated in a senior level non-prized debate on 24th February 2017 during the 61st Annual National Conference of Indian Public Health Association (IPHA) & First State Conference of IPHA Rajasthan Branch.

● **Dr. Binod Kumar Patro**

1. Attended CME on “How to practice evidence based Medicine/Child Health” at AIIMS Bhubaneswar 19th -20th April 2016.
2. Attended 48th Ten Day International Teaching Seminar on Cardiovascular Epidemiology and Prevention at St George's University, Grenada, West Indies from 19th June 2016 to 1st July 2016.
3. Participated in Public Health Leadership and Implementation Academy for NCDs (PH-Leader) at Rollin School of Public Health, Emory University, Atlanta, USA from 27th July to 12th August 2016
4. Attended international conference on Global Partnerships to Advance NCD Research with the Sustainable Development Goal Agenda on 8th -9th August at Emory University, Atlanta, USA
5. Attended 56th Annual Conference of National Academy of Medical Sciences at AIIMS, Raipur from 21st -23rd October 2016
6. Attended 35th Annual Conference of Indian Association of Preventive and Social Medicine, Odisha State Branch at KIMS, Bhubaneswar from 10th -11th December 2017
7. Attended 44th Annual National Conference of Indian Association of Preventive and Social Medicine at Kolkata from 10th – 12th February 2017
8. Organized Continued Medical Education on World Health Day 7th April 2016 and World Diabetes Day 14th November 2016 at AIIMS

● **Dr Preetam B Mahajan**

1. Attended workshops on Mixed Methods research, Epi data- entry, Health Systems strengthening, Public Health Informatics etc.
2. Participated as a resource person during a round table discussion on Public health leadership in 21st Century at 9th European Public Health Conference at Vienna, Austria, Nov 2016
3. Participated in a National Level Debate about “Community medicine, Public health, Family medicine: Many facets of a single discipline” during IPHACON 2017 in Jodhpur in Feb 2017.

§ **Dr. Swayam Pragyan Parida**

1. Attended 1st national vaccinology workshop at PGIMER Chandigarh from 27th to 31st July 2016.
2. Participated in Measles & AFP workshop on 22nd July 2016.
3. Attended Implementation partners Review meeting on Swabhimaan: Multi- sector women's





nutrition demonstration programme on 29th & 30th August, 2016 in New Delhi conducted by UNICEF Delhi.

4. Resource person for rolling out INAP (India New Born action plan), IAPPD (Integrated Action Plan for Prevention and Control of Pneumonia and Diarrhoea), New maternal health guidelines in Odisha.
5. Resource person in Epidemic management and training programme on Routine and Yellow Fever vaccination
6. Attended and presented paper on “Health profile of elderly attending OPD in a tertiary hospital” in 4th International conference, World congress on Geriatrics & Gerontology from 23rd to 25th November 2016 in Bengaluru.
7. Attended and judged poster session of 35th Annual conference of IAPSM – Odisha State Chapter in KIMS Bhubaneswar on 10th & 11th November 2017
8. A Indian Flagship course on Health system strengthening and sustainable financing Lal Bahadur Shastri National Academy of Administration (LBSNAA) Mussoorie from 27th Feb to 3rd March, 2017
9. Participated in 44th IAPSM (Indian Association of Preventive & Social Medicine) Annual National Conference from 10th to 12th Feb 2017 in Kolkata
10. Resource person (Speaker) for CME on “The act PC – PNDDT- An analysis of social viewpoints” on 7th March 2017 at AIIMS, Bhubaneswar
11. Delivered a lecture as a master trainer in orientation training programme on FIC coding for non-medical personnel organized by Regional Office for Health and Family Welfare (RoHFW), Bhubaneswar on 16th February 2017 and 7th June 2017.
12. Attended workshop on Scientific paper writing in AIIMS Bhubaneswar on 11th Feb 2017.

● **Dr. Binod Kumar Behera**

1. Attended National symposium on Universal Health Coverage at KIITS University School of Public Health on 12/12/2016
2. Attended 44th Annual National conference of IAPSM- 2017 at Kolkata on 10-12 Feb 2017

● **Dr. Ramesh Chand Chauhan**

1. Attended 3rd National Conference of Family Medicine and Primary Care 2017 (FMPC-2017) at Kochi, Kerala from January 27-29, 2017.
2. Attended RNTCP Revised Technical and Operational Guidelines workshop at NTI, Bangalore from February 6-10, 2017.
3. Attended 61st Annual National Conference of Indian Public Health Association (IPHA) & First State Conference of IPHA Rajasthan Branch, AIIMS Jodhpur, Rajasthan from 24th - 26th February 2017.



4. Attended RNTCP Zonal Task Force (East Zone) Workshop, March 3-4, 2017, Ranchi, Jharkhand, India.
5. Participated as a delegate in orientation training course on Training of Trainers (TOT) on International Classification of Diseases (ICD) – 10 and International Classification of Functioning, Disability and Health (ICF) from 8th to 12th August 2016 organized by CBHI, Regional Office for Health and Family Welfare (RoHFW), Bhubaneswar.

● **Dr. Arvind Kumar Singh**

1. Participated as a delegate in a workshop on scientific writing under faculty development programme organized by research cell, AIIMS Bhubaneswar on 3-4 December 2017.
2. Participated as a delegate in International Public Health Management Development Programme (IPHMDP) held at School of Public Health, PGIMER Chandigarh from 16th to 20th December 2016.
3. Participated as a delegate in a CME on medicolegal aspects of patients care organized by Department of Forensic Medical and Toxicology, AIIMS Bhubaneswar on 17th January 2017.
4. Delivered a lecture as a master trainer in orientation training programme on FIC coding for non-medical personnel organized by Regional Office for Health and Family Welfare (RoHFW), Bhubaneswar on 15th February 2017 and 6th June 2017.
5. Resource person in various training sessions aimed at capacity building of district level officials, medical officers and front line workers in implementation of India Newborn Action Plan (INAP), Integrated Action Plan against Pneumonia and Diarrhoea (IAPPD) and new maternal health guidelines in different districts of Odisha namely Jharsuguda (on 27th January 2017), Deogarh (27th February 2017), Angul (28th February 2017), Sundargarh (1st and 2nd March 2017), Sambalpur (3rd March 2017) and Keonjhar (2nd and 3rd June 2017).

● **Dr. Manish Taywade**

1. Attended Sensitization Training Workshop on Response to AFP Case and Measles surveillance on 22.07.2016 at AIIMS Bhubaneswar.
2. Attended Orientation Training Programme, TOT on FIC (ICD-10 & ICF) coding from 8th -12th August 2016 at ROH&FW Bhubaneswar
3. Attended Pre-implementation stakeholders' sensitization program of INAP, IAPPD and New Maternal Health Guidelines capacity building Project on 7 Nov 2017, AIIMS Bhubaneswar.
4. Attended Workshop attended on Health Care Leadership on 23rd February 2017 at IPHA, AIIMS Jodhpur.
5. Attended National Conference IPHA and First State Conference of IPHA Rajasthan held from 24th to 26th February 2017 organized by Department of Community and Family Medicine, AIIMS Jodhpur.
6. Guest faculty for Orientation Training Program on FIC (ICD-10 & ICF) Coding for the



Non-Medical Personnel on 16th February 2017 at ROH& FW Bhubaneswar.

7. Involved in Induction Training Programme for the Medical Officer-EMTP at AIIMS Bhubaneswar from 1st to 4th August 2016.

● **Dr. Prajna Paramita Giri**

1. Attended IAPSMCON (Odisha Chapter) organized by KIMS, Bhubaneswar from 10th to 11th December 2016
2. Attended Workshop on Research Methodology, Statistics and scientific Writing at AIIMS, BBSR from 1st to 4th December, 2016
3. Attended IAPSMCON - (44th Annual National Conference of Indian Association of Preventive and Social Medicine) at Science City, Kolkata, WB from 10th to 12th February, 2016
4. Attended 3rd National Course on Public Health Approaches to Non- Communicable Diseases (NCDs) organized by PGI, Chandigarh-AIIMS, New Delhi at PGIMER, Chandigarh from 2nd to 8th March, 2017
5. Attended Sensitization Programme for sexual harassment at workplace ((Prevention, prohibition and redressal) Act 2013 at AIIMS, Bhubaneswar on 16th February 2017
6. Delivered talk in Induction training programme (EMTP Training) for Medical Officer of Govt. of Odisha at AIIMS, BBSR on 4th August 2016
7. Attended CME on “Vaccines & Vaccination” organized by Dept. of Community Medicine, IMS & SUM Hospital, BBSR on 7th September 2016
8. Attended Sensitization meeting of Medical officers, NHM officers, Health officials of Govt. of Odisha, Faculty members of different Medical colleges on Implementation of INAP, IAPPD and New MH guideline on 7th November 2016
9. Attended Orientation training programme for Medical Officers, ICDS functionaries, ANM, LHV, AYUSH MOs at District level and facility level in the implementation of INAP, IAPPD and New MH guideline on 29th April 2017

## RESEARCH

### Ongoing

1. **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, Start year: 2016, Approved budget 96.7lacs (under implementation)  
**IEC approval number:** - T/EM-F/CMFM/13
2. **Title of the project:** Swabhimaan- a nutritional intervention programme in Odisha: Pre-implementation status assessment (Base-line) , Start year : 2015, Funding agency : UNICEF, 2016



Name of the principal investigator: **Dr. Vikas Bhatia**

**Funding agency:** UNICEF Funded amount: Approved budget about 98 lacs

**IEC approval number:** T/EM-F/CMFM/16/02

3. **Title of the project:** Bio-Chemical Assessment of Fortification of Mid-Day Meal Programme in Dhenkanal, Odisha

Name of the principal investigator: **Dr Binod Kumar Patro**

**Funding agency:** World Food Programme Duration, start year: December 2016 Funds:

Rs.47,81,775

**IEC approval number:** T/EM-F/CMFM/16/12

4. **Title of the project:** Are we getting the picture of anemia control efforts, right? - Role of point of care devices and cause specific interventions

Name of the principal investigator: **Dr Preetam B Mahajan**

**Funding agency:** AIIMS BBSR (Intramural -IMF/27/2016) Duration, start year: 2017

Funds: Rs.3,90,000

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

5. **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:** Intramural, Duration- One year, start year: 2017, Funds: Rs.1.5 lacs

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

6. **Title of the project:** Assessment of preparedness of primary health facilities for prevention and control of non- communicable diseases in Odisha, India

Name of the principal investigator: **Dr Binod Kumar Patro**

**Funding agency:** AIIMS, Bhubaneswar Duration, start year: 2016 Funds: Rs.1, 00, 000

**IEC approval number:** T/IM-F/CMFM/15/17.

#### **Completed:**

1. **Title of the project** Process documentation of National Iron Plus Initiative; UNICEF, 2016

Name of the principal investigator : **Dr. Vikas Bhatia**

**Funding agency:-** UNICEF Funded amount : Rs. 87.16 lacs

**IEC approval number:** P/EM-F/CMFM/1518

2. **Title of the project:** Evaluation of Multi Drug Therapy of Lymphatic Filariasis, Nayagarh,



Odisha, Start year : 2016

Name of the principal investigator: **Dr. Vikas Bhatia**

**Funding agency**:- ROM&HF, GOI Funded amount : 25000/-

**IEC approval number**: T/EM-F/CMFM/16/14

3. **Title of the project**: Piloting of the National Survey for Monitoring the National Non-Communicable Diseases Targets, 2016

**Name of the principal investigator**: Dr Binod Kumar Patro

**Funding agency**: NCDIR, ICMR, Bengaluru Duration, start year: 2016

**Funds** : Rs. 329,909

**IEC approval number**: T/EM-F/CMFM/16/11

4. **Title of the project**: Survey for Monitoring the National Non-Communicable Diseases Targets 2015-16; 24 hrs Urine Sodium Validation Study

Name of the principal investigator : **Dr Binod Kumar Patro**

**Funding agency**: AIIMS, New Delhi Duration, start year: 2016 Funds: Rs. 356,586

**IEC approval number**: T/EM-F/CMFM/16/11

#### Departmental:

1. **Title of the project (Dissertation)** : Assessment of Nutritional Status of Pregnant Women using MUAC & BMI and their association with Birth Weight in a rural setting of Odisha.

Guide: **Dr. Vikas Bhatia**

Co-Guides: **Dr. Swayama Pragyan Parida, Dr. Arvind Kumar Singh**

Junior Resident: **Dr. Kumar Guru Mishra**

**IEC approval Number**: EC/AIIMS BBSR/PG sThesis/2017-18/7

2. **Title of the project (Dissertation)** : Awareness, Attitude & Health Seeking Behaviour regarding Cancer among Rural Population of Tangi block

Guide: **Dr Sonu H subba**

Co-Guide: **Dr. Prajna Paramita Giri**

Junior Resident: **Dr. Dinesh Prasad Sahu**

**IEC approval Number**: EC/AIIMS BBSR/PG Thesis/2017-18/63.



## PUBLICATIONS

### ● Journals

1. Bhatia V, Parida SP. Editorial. Introducing Rotavirus Vaccine in UIP: Strengthening Child Survival efforts In India. *Ind J of Comm& Fam Med*, Vol. 2, Issue 01, 2016,1-3
2. Paul. S, Bhatia V. Doctor patient relationship: Changing scenario in India. *Asian Journal of Medical Sciences*, Vol 7, Issue 4, July-Aug 2016, 1-5
3. Paul. S, Mahajan PB, Sahoo JR, Bhatia V. Mainstreaming of AYUSH in Health care delivery system of eastern India: Where do we stand? *Indian Journal of Community & Family Medicine*, Vol. 2, Issue 01, 2016, 49-53.
4. Patra S., Bhatia V. Farmers Suicide in India: Need for Public mental health initiative. *Indian J of Com & Fam Med*, Vol. 2, Issue 01, 2016, 99-100.
5. Bhatia V, Raghuwanshi B, Sahoo JR Current status of Blood banks in India" : *Global Journal of Transfusion Medicine*, 2017;01;72-74.
6. Bhatia V, Chauhan RC . Editorial. Empowerment of Women and Differently Abled : Proud Moments for India. *Ind J of Com & Fam Med*, Vol. 2, Issue 02 2016
7. Sahoo J, Mahajan PB, Paul S, Bhatia V, Hembran DK. Operational Assessment of ICDS Scheme at Grassroot level in a rural area of Eastern India : Time to introspect. *J Clin Diag Res*. 2016, Dec, 10 (12) : LC28-LC32. Doi:10 7860/JCDR/2016/23059.9041.
8. Bhatia V. An interview with Mrs. Arti Ahuja, I.A.S., Principal Secretary (Health & Family Welfare), Government of Odisha. Conducted by Editor-In-Chief. *Indian Journal of Com & Fam Med*, Vol. 2, Issue 01, 2016, 18-19.
9. Bhatia V, An Interview with Dr. M.K. Bhan (National Science Professor, Indian Institute of Technology- Delhi and Former Secretary, Department of Biotechnology, Government of India.) by Editor-in Chief, *Indian Journal of Community & Family Medicine*, Vol. 2, Issue 02, 2016,
10. Paul S, Mahajan PB, SahooJ,Bhatia V, Subba SH. Investigating Mumps Outbreak in Odisha, India: An Opportunity to Assess the Health System by Utilizing the Essential Public Health Services Framework. *Am. J. Trop. Med. Hyg.*, 86(5), May 2017, pp. 1215-1221
11. Subba SH, Khullar V, Latafat Y, Chawla K, Nirmal A, Chaudhary T. Doctors' Attitude Towards Euthanasia: A Cross-sectional Study. *J Assoc Physicians India* June 2016;64:44-4
12. Patra S, Patro BK. What they think of us: A study of teaching medical specialists' attitude towards psychiatry in India. *Indian Journal of Psychiatry* 2017;59 (1), 100-05.
13. Kathirvel S, Tripathy JP, Tun ZM, Patro BK, Singh T, Bhalla A, Devnani M, Wilkinson E. Physicians' compliance with the National Drug Policy on Malaria in a tertiary teaching hospital, India, from 2010 to 2015: a mixed method study. *Trans R Soc Trop Med Hyg*. 2017 Feb 1;111(2):62-70.
14. M Biswas, M Thakur, B Patro, JS Thakur. Self-management of chronic diseases: of the



- patient, for the patient, by the patient. *Nursing & Midwifery Research Journal* 2016;12 (4): 159-168.
15. Sahoo J, Mahajan PB, Paul S, Bhatia V, Patra AK, Hembram DK. Operational Assessment of ICDS Scheme at Grass Root Level in a Rural Area of Eastern India: Time to Introspect. *J Clin Diagn Res.* 2016 Dec;10(12):LC28-LC32. doi:10.7860/JCDR/2016/23059.9041.
  16. Ghosh A, Mahajan PB. Can genotype determine the sports phenotype? A paradigm shift in sports medicine. *J Basic Clin Physio IPharmacol.* 2016 Jun 1;27(4):333-9.doi: 10.1515/jbcpp-2015-0090.
  17. P Mahajan, K Czabanowska, PR Tripathy, A Pakhare, R Pawar, S Salelkar, DE Lucero-Prisno; European Public Health Leadership Competency Framework: What does it say about Indian public health professionals?: Preetam Mahajan. *Eur J Public Health* 2016; 26 (suppl\_1): ckw166.017. doi: 10.1093/eurpub/ckw166.017).
  18. PB Rao, M Mangaraj, P Mahajan, S Tripathy. Abstract PR400: Correlation of Duration of General Endotracheal Anaesthesia to Alteration in Oxygenation. *Anesthesia & Analgesia* September 2016:123(3S\_Suppl) Supplement 2; 508–509.
  19. Paul S, Mahajan PB, Sahoo J. Global Killer Ebola: How was it handled by the Indian press? *Indian J Comm Health.* 2016; 28(2): 125-31.
  20. Hemant Deepak Shewade, Kathiresan Jeyashree, Preetam Mahajan, Amar N Shah, Hannah Stowe McMurry, Ajay MV Kumar. Effect of insulin, with or without oral hypoglycemic agents, (compared to oral hypoglycemic agents only) and glycemic control, stringent or not stringent, (compared to no glycemic control) on unsuccessful TB treatment outcomes among patients with TB- diabetes: a systematic review. *PROSPERO* 2016:CRD42016039101
  21. Sourabh Paul, Preetam B Mahajan, Jyotiranjana Sahoo, Vikas Bhatia. Mainstreaming of AYUSH in Health care delivery system of eastern India: Where do we stand? *Indian Journal of Community & Family Medicine.* 2016; 2 (1): 49-53.
  22. Singh M, Jharyan P, Behera BK, Goel MK, Punia J S. Healthcare utilization and out of pocket expenditure of urban slum population in Sonipat district of Haryana; a cross sectional study *Ind J Com Family Med.* 2016;3(1):48-50
  23. Singh M, Goel MK, Behera BK, Punia JS. Health Risk Assessment of People Living in Urban Slums of District Sonipat, Haryana. *Ind J Com Family Med.* 2016;2(1):57-9.
  24. Singh M, Goel MK, Behera BK et al. Health management information system data quality under NRHM in district Sonipat, Haryana. *Int J Health Sci Res.* 2016; 6(9):11-14.
  25. Chauhan RC, Purty AJ, Samuel A, Singh Z. Incremental yield of second sputum smear examination for diagnosis of tuberculosis patients at a tertiary care teaching hospital in Puducherry, India. *J Med Soc.* 2016;30:89-93.
  26. Kumar RP, Kandhasamy K, Chauhan RC, Bazroy J, Purty AJ, Singh Z. Tutorials: an effective and interactive method of teaching undergraduate medical students. *Int J Community*



- Med Public Health. 2016;3:2593-5.
27. Bhatia V, Chauhan RC. Empowerment of women and differently abled: Proud moments for India. *India Journal of Community & Family Medicine* 2016; 2(2):1-2.
  28. Mishra AK, Chauhan RC, Purty AJ, Singh Z. Ensuring two Sputum samples for diagnosis of Pulmonary Tuberculosis. *Ind J Com Family Med.* 2016; 2(2):71-2.
  29. Chauhan RC, Purty AJ. Patient and health system delays among adult smear- positive tuberculosis patients diagnosed at medical colleges of Puducherry in south India. *Indian J Public Health* 2017;61:59
  30. Kant S, Singh AK, Parmeshwaran GG, Haldar P, Malhotra S, Kaur R. Delay in initiation of treatment after diagnosis of pulmonary tuberculosis in primary health care setting: eight year cohort analysis from district Faridabad, Haryana, North India. *Rural Remote Health.* 2017 Jul-Sep;17(3):4158.
  31. Kant S, Archana S, Singh AK, Ahamed F, Haldar P. Acceptance rate, probability of follow-up, and expulsion of postpartum intrauterine contraceptive device offered at two primary health centers, North India. *Journal of Family Medicine and Primary Care.* 2016;5(4):770-776. doi:10.4103/2249-4863.201173.
  32. Kant S, Malhotra S, Singh AK, Haldar P, Kaur R, Misra P, Gupta N. Prevalence of neural tube defects in a rural area of north india from 2001 to 2014: A population-based survey. *Birth Defects Res.* 2017 Feb 15;109(3):203-210. doi: 10.1002/bdra.23578.
  33. Kant S, Haldar P, Singh AK, Archana S, Misra P, Rai SK. Profile of pregnant women using delivery hut services of the Ballabgarh Health and Demographic Surveillance System in rural north India. *Int J Gynecol Obstet.* 2016; 134 (2): 173-6.

- **Book Chapters**

1. Dr. Vikas Bhatia contributed as Resource person to the development of Manual for State and District Programme managers for Planning, Implementation and monitoring of National Program for prevention and control of Cancers, Diabetes, Cardiovascular diseases and Strokes (NPCDCS), Govt of India.
2. Binod Kumar Patro. Purchase and inventory in “Manual for State and District Programme Managers for Planning, Implementation and Monitoring of National Programme for Prevention and Control of Cancer, Diabetes, Cardiovascular Diseases and Stroke (NPCDCS)”, Govt of India: 2016; 79-85
3. Binod Kumar Patro, Suravi Patra. NCD AND TOBACCO: THE RISK FACTOR APPROACH in Tobacco Control A Module for Public Health Professionals. 2016; 42-45





## 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.

### Brief Report from April 2016 – March 2017

● NCD clinic	:	9918
● Preventive Oncology Clinic	:	173
● Executive Health Checkup	:	321
● Yellow Fever Vaccination Clinic	:	840
● Immunization Clinic	:	6501
● ICTC	:	9346
● CHC Mendhasal	:	3512
● RHTC Tangi	:	1761
● UHTC Nayapalli	:	5634
● DOTS Clinic	:	Registered, counseled and referred
<b>Total</b>	:	<b>38012</b>



## Award, Honours And Significant Events

### Dr. Vikas Bhatia

- Editor –In Chief of Indian Journal of Community and Family Medicine. Four issues have been released so far.
- Guest of Honor for Indian Medical Association at Bhubaneswar on 15 May 2016.
- Conferred Fellowship from Indian Association of Preventive & Social Medicine, for life time contribution in the specialty.
- Became a life member of Life-Member of Indian Epidemiological Association
- Became a member of American Association of Public Health
- Became a member of International Federation for Ageing
- Became a member of Public Health Association of Australia
- Became a member of World Public Health Nutrition Association
- Became a member of International Society of Urban Health
- Became a member of International Union For Health Promotion and Education
- Became a member of International Society of Vaccines

### Dr Sonu H Subba

- Participated in a senior level non-prized debate on 24th February 2017 during the 61st Annual National Conference of Indian Public Health Association (IPHA)
- & First State Conference of IPHA Rajasthan Branch.
- Editor of Indian Journal of Community & Family Medicine
- Nominated as the nodal person for AFP & Measles surveillance for AIIMS Bhubaneswar
- Became life member of International Epidemiological Association

### Dr. Binod Kumar Patro

- Received Membership of National Academy of Medical Sciences, New Delhi.
- Contributed as resource person for rolling out of India Newborn Action Plan (INAP) and Integrated Action Plan for Prevention of Pneumonia and Diarrhoea (IAPPD) and New Maternal Health Guidelines in the State of Odisha
- Received Fellowship from International Society for Cardiovascular Disease Epidemiology and Prevention
- Completed Public Health Leadership and Implementation Academy of NCDs Programme (PH-LEADER) from Rollins School of Public Health, Emory University, Atlanta, USADr. Preetam B Mahajan
- Appointed as a task force member for control of childhood anaemia by ICMR since August 2016



**Dr. Swayam Pragyan Parida**

- Successfully completed Post graduate Diploma course in Geriatric Medicine.
- Became life member of International Epidemiological Association.
- Became life member of Indian Medical Association.

**Dr Manish Taywade**

- Became life member of International Epidemiological Association.
- Became life member of Indian Medical Association.



## DENTAL SURGERY

### FACULTY

Additional Professor & Head	Dr. Mounabati Mohapatra
Associate Professor	Dr. Ashok Kumar Jena
Associate Professor	Dr. Samapika Rautray

### HIGHLIGHTS

- The department was awarded as Best OPD for the year 2016.
- The department conducted a state level CME program “A Post-Graduate Symposium in Orthodontics” on 17.04.2016 at Mini-auditorium, AIIMS, Bhubaneswar.
- The department organized a national level continuing dental education program “Indian Board of Orthodontics Promotion Program” on 19.03.2017 at Mini- auditorium, AIIMS, Bhubaneswar.
- The department conducted a rural health camp on 26th February 2017 at Banki.
- PATIENT CARE/ HOSPITAL SERVICES
- Department of Dental Surgery is providing various routine dental services and speciality dental care in Oral and Maxillofacial Surgery and in Orthodontics to the patients.
- From April 2016 to March 2017, total 15834 patients have received various routine and speciality dental services.
- The department has started its speciality clinic i.e. “Orthodontic Clinic” and “Temporomandibular joint dysfunction clinic” on every Monday afternoon between 2-4pm.
- The department has started special radiographic imaging facilities (Orthopantomogram and Cephalometrics) for the patients.

### EDUCATION

- The department is involved in the undergraduate MBBS teaching program for 7th semester students.
- The department conducts weekly departmental seminar for faculties, residents and nursing staffs.

### CONFERENCES/CMEs/WORKSHOPS ATTENDED & PAPER PRESENTED

- **Dr. Mounabati Mohapatra**
  1. Attended World Trauma Congress from 17-20 August 2016 at New Delhi.



2. Attended 41st National AOMSI Conference from 24-26 November 2016 at Ahmadabad and presented a paper titled: "Osteochondroma Condyle- A journey of 20 years in a 52 year male patient causing severe facial asymmetry and occlusal derangement".
3. Attended 1st AIIMS total temporomandibular joint replacement workshop with hands-on training from 30th -31st January 2017.

● **Dr. Ashok Kumar Jena**

1. Attended CME "A Post-Graduate Symposium in Orthodontics" on 17th April 2016 at AIIMS, Bhubaneswar and delivered two guest lecture 'A to Z for showing a treated case in the examination' and Solving the problems of an allotted functional case in the examination'.
2. Attended "51st Indian Orthodontic Conference and 8th World Implant Orthodontic Conference-2016" from 3-6 November 2016 at Goa.
3. Attended CME "An Insight to Comprehensive Orthodontic Treatment" on 8th December 2016 at Hotel VITS, Bhubaneswar and delivered two guest lecture 'T-loop mechanics for extraction space closure' and 'Atypical occlusal schemes in orthodontics'.
4. Attended "NAMSCON-2016" 21-23 October 2016 at AIIMS, Raipur and delivered oration 'Long-term effect of maxillary distraction osteogenesis (DO) on nasal index in adult patients with cleft lip and palate deformities' for Dr. S.S Sidhu award.
5. Attended CME "Indian Board of Orthodontics (IBO) Promotion Programme" on 19th March 2017 at AIIMS, Bhubaneswar and delivered a guest lecture 'How IBO evolved the clinician inside me'.

**RESEARCH**

**Funded Projects:** Ongoing:

**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 Mohapatra**

**Funding agency :** AIIMS, Bhubaneswar.

**Duration, start year:** 02 Years, 2016 Funds: Rs.4,50,000/-

**IEC approval number:** T/IM-F/Dental/15/10

**PUBLICATIONS**

1. Mohapatra M, Sarangi P, Satpathy S. Bitemarks in forensic odontology. Ind J Forensic Odontol 2017;1:41-46.
2. Mohapatra M, Sarangi P. Restoration of a badly broken down tooth with a custom cast post. Ind J Dent Edu 2016;9:197-199.



3. Mohapatra M, Sarangi P. Forensic odontology and mass disaster- a review. *Ind J Forensic Odontol* 2016;9:31-34.
4. Singh S, Singh SP, Goyal A, Utreja AK, Jena AK. Effects of Various Remineralizing Agents on the Outcome of Post-orthodontic White Spot Lesions (WSLs): A Clinical Trial. *Progress Orthod* 2016;17:25.
5. Jena AK, Sirka CS, Mohapatra M. (2016) Atypical bullous lichen planus in palate. *Oral Health Case Report*. 2(3):70.
6. Yadav C, Utreja AK, Singh SP, Jena AK. Second Premolar Extraction Improves the Angulation of Developing Third Molars Better than First Premolar Extraction among Subjects undergoing Comprehensive Orthodontic Treatment. *J Dent Specialties* 2016; 4(1): 46-51.
7. Jena AK, Rattan V, Singh SP, Utreja AK, Singh S. Long-term effect of maxillary distraction osteogenesis (DO) on nasal index in adult patients with cleft lip and palate deformities. *J Maxillofac Oral Surg*. 2016;15:12-17.
8. Routray S, Kheur S, Chougule HM, Mohanty N, Dash R. Establishing Fascin over- expression as a strategic regulator of neoplastic aggression and lymph node metastasis in oral squamous cell carcinoma tumor microenvironment. *Annals Diagnost Pathol* 2017; 30: 36-41.
9. Kumar R, Samal S K, Routray S, Dash R, Dixit A. Identification of oral cancer related candidate genes by integrating proteinprotein interactions, gene ontology, pathway analysis and immunohistochemistry. *Sci Rep*. 2017;7:2472.

## **AWARDS, HONOURS**

### **Dr. Mounabati Mohapatra**

1. AOCMF Community High School Certificate.

### **Dr. Ashok Kumar Jena**

1. Received “Dr. S.S. Sidhu Award” by National Academy of Medical Sciences (INDIA) 2016.
2. Convenor of Bhubaneswar Orthodontic Study Group (For year 2016 and 2017)



## DERMATOLOGY & VENEREOLOGY

### FACULTY

Additional Professor	Dr Chandra Sekhar Sirka	
Assistant Professor	Dr Maitreyee Panda	(Left the institute in April 2017)

### HIGHLIGHTS

- Organized IPACT psoriasis (CME) a National level activity at AIIMS Bhubaneswar on 19th February 2017.
- Vitiligo and Psoriasis day (A patient's awareness programme) in the department on 25th June and 30 January 2017 respectively.

### EDUCATION

- Conducting regular case presentation on Friday and Tuesday for Senior Residents along with posted Interns and Undergraduate students in the department from January 2017.

### CONFERENCES/CMES/WORKSHOPS ATTENDED & PAPER PRESENTED

#### Dr. Chandra Sekhar Sirka

1. Attended IMPACT Psoriasis 2017 National level scientific programme on 19th February 2017 at AIIMS Bhubaneswar.  
Presented paper Title: "Systemic therapy of Psoriasis".
2. Attended World Congress of Cosmetic Dermatology 2017 from 4th to 6th May 2017 at Bangaluru.
3. Attended Dermacon 2017 National conference, from 12th to 15th January 2017, at Kolkata.
4. Attended Neonatal Society of Odisha State level scientific programme (CME) on 21st May 2017 at Bhubaneswar.  
Delivered a lecture titled: "Neonatal Atopic Dermatitis".
5. Attended Dermatology Society of Odisha State level scientific programme on 18th June 2017 at Bhubaneswar.  
Delivered a lecture titled: "Approach to urticarial".
6. Dr. Swetalina Pradhan (Senior Resident) attended Dermacon 2017 National conference, from 12th to 15th January 2017, at Kolkata.  
Presented paper Title: "Leprosy in women".



## RESEARCH

### Funded Projects:

### Ongoing :

**Title of the project:** Relapse of superficial fungal infection in healthy Individual.

**Name of the principal investigator:** **Dr Chandra Sekhar Sirka**

**Funding agency:** AIIMS Bhubaneswar (Intra mural).

**Duration, start year:** 1 year, 2016 Fund: Rs.3,00,000. (Three lakhs only)

**IEC approval number:** T/IM-F/ Derma/15/25

## PUBLICATIONS

1. Maiti R, Sirka CS, Shaju N, Hota D. Halometasone monohydrate (0.05%) in occupational contact dermatitis. *Indian J Pharmacol.* 2016;48(2):128-33.
2. Pradhan S, Sirka C S, P Parija S. Panda M, Pujahari S. Lepromatous leprosy with necrotic erythema nodosum leprosum complicated with adherent leucoma. *Lepr Rev* 2016; 87: 413–416.
3. Pradhan S, Sirka C S, Panda D, Patra S. Genital lepromatous leprosy with bilateral inguinal lymphadenopathy simulating lymphogranuloma venerum. *Lepr Rev* 2016; 87: 405–408.
4. Patra S, Sirka CS. Attention deficit hyperactivity disorder presenting as dermatitis artefacta. *J Pediatr Neurosci.* 2016;11(1):80-2.

## PATIENT CARE/ HOSPITAL SERVICES

Special clinics: Dermatosurgery, Fungal clinic, Allergy clinic (3 days a week)





## ENDOCRINOLOGY & METABOLISM

### FACULTY

Assistant Professor                      Dr. Kishore Kumar Behera

### HIGHLIGHTS

- Department of Endocrinology was established on 20th June 2017. OPD services were started on 27th June followed by indoor patient care. The department runs diabetes clinic thrice weekly & pituitary and thyroid clinic twice weekly. On every month 2nd Thursday a Endo-pathology clinical meet in organised.
- The department is planning to initiate integrated diabetes foot clinic with help of general surgery.
- Department of Endocrinology is actively involved in arranging various CME and patient's awareness and nurse education programmes in November 2016, The department arranged a CME & WALKATHON on the occasion of world diabetes day. Recently a nursing education programme was done in which basic diabetes care was taught.

### EDUCATION

- Teaching of MBBS and Nursing students

### CONFERENCES/CME/WORKSHOP ATTENDED & PAPER PRESENTED

1. CME on diabetes awareness on world diabetes day
2. A nurse education programme for basic diabetic care.

### PATIENT CARE / HOSPITAL SERVICES :

1. Out patients care
2. Inpatients care
3. Inter departmental services

### AWARDS, HONORS & SIGNIFICANT EVENTS

- Dr. KISHORE KUMAR BEHERA was awarded travel grant to attend osteoporosis essential course held at Mumbai on 10th & 11th June 2017.



## ENT

### FACULTY AND DESIGNATION

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

### HIGHLIGHTS

- Organized the celebration of “World Deaf Day” at AIIMS, Bhubaneswar, on 24th September 2016.
- Organized NES-2017, 36th Annual conference of Neuro-Otological and Equilibriometric Society of India, 4th -8th January 2017.
- Developed an android based mobile application IHST (Indian hearing screening test) for management of hearing loss in adult and children, January 2017
- Organized the celebration of the “World Hearing Day” at AIIMS, Bhubaneswar on 3rd march 2017
- In addition to numerous intra-mural and extra-mural projects, the department represents the eastern zone of India, in the ICMR multicentric National taskforce project on prevalence and etiology of hearing loss.

### EDUCATION

- UG (MBBS) teaching
- PG (MS in Otorhinolaryngology)-The PG programme was started since January 2017.
- The department is also involved in teaching of B.Sc. Nursing and other paramedical students.

### CONFERENCES/CMEs/WORKSHOPS ATTENDED & PAPER PRESENTED

- **Dr. Pradipta Kumar Parida**
  1. Attended National conference on Holistic Management of Person with Multiple Disabilities on 31st Aug & 1st September 2016 organized by National Institute for Empowerment of Persons with Multiple Disabilities at Bhubaneswar as guest faculty and delivered a lecture titled “Aural Hygiene Tips”
  2. Attended AIIMS Laryngology & Airway Update 2016 from 14th -16th December 2016 at AIIMS, New Delhi as guest faculty and delivered a lecture titled “Management of Foreign Bodies in Airway”
  3. Attended 36th Annual conference of NES of India from 6th-8th January 2017 at AIIMS Bhubaneswar and delivered a lecture titled “Otogenic Lateral Sinus Thrombosis- Presentation and Management”



4. Attended Indo-Global Summit on Head & Neck Oncology (IGSHNO) from 24th-26th February 2017 at Jaipur and participated as a panellist for panel discussion titled "Management of Differentiated Thyroid carcinoma".
5. Attended Advanced FESS Workshop-2017 on 19th March 2017 at KIMS, Bhubaneswar as invited faculty.

● **Dr. C. Preetam**

1. Attended the conference 2nd Facial Plastics & Rhinoplasty Workshop -2016, conducted by Department of ENT, AIIMS, New Delhi, from 22nd -24th April, 2016, at New Delhi and delivered a Invited talk titled 'Rhinoplasty' and was a Instructor for the Hands on training Microvascular workshop.
2. Attended 3rd hands on cadaver dissection and live surgical workshop on anterior and lateral skull base surgery, from 5-7th August, 2016 , at Jodhpur and Delivered an Invited Talk as Guest faculty title 'Endoscopic lateral skull base surgery'
3. Attended Rhinocon-2016, 29th Annual Conference of All India Rhinology society of India, from 12th-14th August 2016, at Hyderabad and delivered an Invited talk as Guest faculty titled 'Vidian neurectomy' and was a Panellist in panel discussion titled 'Optimizing the outcomes in FESS'.
4. Attended National conference on Holistic Management of Persons with multiple disabilities, from 31st August & 1st September 2016, at Bhubaneswar and delivered a Invited talk as guest faculty titled 'cochlear Implant: Challenges faced'.
5. Attended Skullbasecon-2016, 18th Annual conference of skull base Surgery society of India, from 8th -11th September 2016, at Jaipur and Presented 2 Invited talk's as guest faculty titled 'Tips for Pitutary surgery'and 'Endoscopic lateral skull base surgery'.
6. Attended CIGICON 2016, 14th annual Conference of cochlear implant group of India, from 7th- 9th October 2016, at kochi and was Panellist in the panel discussion titled 'Difficult cases for cochlear implantation'.
7. Attended conference IFHNOS Delhi 2016 & FHNO 2016, from 12th -15th October 2016, at New Delhi and was Chairperson for a session titled 'Laser in Head and Neck Surgery'.

● **Dr. Saurav Sarkar**

1. Attended 36th Annual conference of NES of India from 6th-8th January 2017 at AIIMS Bhubaneswar and delivered a lecture titled "Facial Reanimation Surgery".
2. Attended conference AOICON 2017 from 3-5th February 2017, at Kolkata. and delivered a lecture titled "Endoscopic Ear Surgery" and presented a video titled "Intact Canal wall facial nerve decompression".



- **Dr. Pradeep Pradhan**

1. Attended conference ISOCON, from 18-20 November 2016, at Kerala.
  - a. Presented paper title 'Circumferential elevation of tympanomeatal flap in subtotal perforations'
  - b. Presented paper title: "Cartilage tympanoplasty in canal wall down mastoidectomy".
2. Attended conference AOICON 2017 from 3-5th February 2017, at Kolkata and presented paper title: 'Type III cartilage tympanoplasty in retrograde canal wall down mastoidectomy'.

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

1. ICMR multi-centric national task force on "Prevalence and epidemiology of hearing impairment" Name of the principal investigator : **Dr C Preetam**

**Funding agency:** ICMR, Duration: 3 years, Start year: 2015,

Funds: Rs. 75,50,928 (for 1st year), IEC

**IEC approval number:** T/EM-F/ENT/15/12

2. Cloud assisted WBAN based Ubiquitous Healthcare Management System and its Application in Telemedicine

Name of the Principal Investigator: **Dr. Saurav Sarkar**

**Funding agency:** MHRD, Duration: 1 year Start year: 2016, Funds: Rs.40 lakhs,

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

**Departmental: Ongoing:**

1. The effectiveness of chest physiotherapy on the level of discomfort and the frequency of suctioning in tracheostomy patients.

Name of the principal investigator: **Dr C Preetam**

**Funding agency:** NA, Duration: 2 years, Start year: 2016, Funds: NA,

**IEC approval number:** T/IM-NF/ENT/15/21

2. A study of cumulative noise exposure levels in Bhubaneswar city traffic officers and its effects on hearing and social wellbeing.

Name of the principal investigator: **Dr C Preetam**

**Funding agency:** NA, Duration: 1 year, Start year: 2016, Funds: NA,

**IEC approval number:** T/IM-NF/ENT/16/04



3. Association of Head and Neck Malignancies with Diabetes Mellitus Name of the principal investigator: **Dr. Saurav Sarkar**  
**Funding agency:** NA  
Duration, start year: 6 moths, 2016 Funds : Rs. NA  
**IEC approval number:** T/IM-NF/ENT/16/10

## PUBLICATIONS

### ● Journals

1. A K Sahoo, C Preetam, R Kumar, D K Samal. Bilateral blindness following anterior nasal packing in a case of nasopharyngeal angiofibroma. The Journal of Laryngology and Otolaryngology (2016), 130, 1072-73.
2. Samal D, Preetam C, Sahoo A, Sarkar S, solitary sphenoclivus fungal ball presenting with 3rd cranial nerve palsy, Rajasthan Journal of Otolaryngology and Head and Neck surgery, 2016;August:1(1):35-7.
3. Ashis Patnaik, Ashok Kumar Mahapatra, Saurav Sarkar, Dillip Kumar Samal. Spontaneous leaking craniopharyngioma causing preoperative chemical meningitis.. Surg Neurol Int. 2016; 7: 41. Published online 2016 Apr 14.

### ● Books

1. Saurav Sarkar. Endoscopic Ear Surgery: A New Horizon. JP Medical, Kolkata, (ISBN 9385891626, 9789385891625), India.

## PATIENT CARE/ HOSPITAL SERVICES

- The department runs special clinics like head neck cancer clinic and otology clinic in the afternoon.
- The department is well equipped with a complete audiological and speech evaluation set up and providing rehabilitating services to person with hearing loss and speech therapy for speech disorders.
- The department is also actively running the universal neonatal screening for hearing loss and Post cochlear implantation rehabilitative services for free of cost
- The followings are the departmental statistics from April 1st 2016 - March 31st 2017.
  1. OPD Attendance: 31659
  2. Patients seen in special clinics: 247
  3. Minor-OT (OPD): 513
  4. Major Surgical Procedure (Main OT):
- Ear surgery-76, Nasal surgery-56, Throat surgery-78, Head and neck malignancy with flap reconstruction-112, Cochlear implant-9, Skull base surgery-10, Bronchoscopy-5, Facial plastic/reanimation surgery-2.



## AWARDS AND HONOURS

1. Dr. Pradipta Kumar Parida
  - Become fellow of international medical science academy (FIMSA)
2. Dr. Saurav Sarkar
  - Applied for patent “A privacy-aware system to render ambulatory healthcare using Wireless Body Area Networks (WBANs) with a “blind” cloud computing framework” 2016
3. Dr. Pradeep Pradhan
  - Awarded Silver Medal in the poster presentation in Annual Conference of Indian Society of Otology, Held at Kerala on 18-20 November, 2016.
  - Qualified the theory examination of National Board Examination (DNB) in ENT held in December 2016.



## FORENSIC MEDICINE AND TOXICOLOGY

### FACULTY

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

### HIGHLIGHTS

- Organised one Workshop on PC & PNDT Act in collaboration with PC & PNDT Cell, Directorate of Family Welfare, Odisha on 7th March 2017 at AIIMS, Bhubaneswar.
- Organised a CME on Medicolegal Aspects of Patient Care on 17th January 2017 for Faculty, Residents and Student at AIIMS, Bhubaneswar.

### FACILITIES AVAILABLE IN THE DEPARTMENT

- Embalming facility

### EDUCATION

- The Department of Forensic Medicine & Toxicology is engaged in teaching the MBBS students. This year, MD in Forensic Medicine & Toxicology (Post-graduate) course started and two postgraduate students had joined as trainee. Along with it we are offering body preservation facility and Post Mortem services. Faculties and residents are also offering medico-legal consultancy service to other Departments at the time of need. We in collaboration of Dept. of Pathology & Laboratory Medicine have also started pathological autopsy. Faculties of this department are also supporting different types of administrative activities like duty of exam cell.

### CONFERENCES/CMEs/WORKSHOPS ATTENDED & PAPER PRESENTED

- **Dr. Manoj Kumar Mohanty**
  1. Attended 34th Annual Conference of Medico-Legal Society of Odisha, held at IMS & SUM Hospital, Bhubaneswar from 13th May 2016 to 15th May 2016 as guest faculty and delivered lecture titled "Violence in Intra-partum Women".
  2. Attended Forensic CME on "Management of Sexual Offence Cases- A Multidisciplinary Approach" as Resource person held on 30th June 2017 at JIPMER, Puducherry.
  3. Attended State level workshop on "Child Sexual Abuse- Prevention and Response" on 24th & 25th September 2016 organised by Indian Medical Association and UNICEF at Cuttack.



4. Attended “Internship logbook Preparation” held on 28th & 29th November 2016 at AIIMS, Bhubaneswar.
5. Attended 10th Annual National Conference (TOXOCON 10) held at Amrita Institute of Medical Sciences, Cochin on 28th and 29th December 2016.  
Paper presented title: “ Mosquito net: An Effective Prevention Against Snakebite”.
6. Attended Intern Orientation Programme held from 2nd to 5th March, 2017 at AIIMS, Bhubaneswar and delivered a lecture titled “Ethics and Professionalism”.

● **Dr. Manas Ranjan Sahu**

1. Attended Intern Orientation Programme held from 2nd to 5th March, 2017 at AIIMS, Bhubaneswar and delivered a lecture titled “Ethics and Professionalism”.
2. Attended CME on Medicolegal Aspects of Patient Care on 17th January 2017 for Faculty, Residents and Student at AIIMS, Bhubaneswar.
3. Attended Workshop on PC & PNDT Act in collaboration with PC & PNDT Cell, Directorate of Family Welfare, Odisha. On 7th March 2017 at AIIMS, Bhubaneswar.

● **Dr. Sudipta Ranjan Singh**

1. Attended Faculty Development Programme Workshop on Research Methodology & Statistics held on 1st and 2nd December 2016 at AIIMS, Bhubaneswar.
2. Attended international conference on Medical Informatics held during 26th to 28th February 2016 at AIIMS, Bhubaneswar.
3. Attended a short course on “How to Practise Evidence based Medicine/ Child Health” organised by ICMR Advanced Centre for Evidence Based Child Health , PGIMR, Chandigarh at AIIMS, Bhubaneswar.
4. Attended a CME on Medicolegal Aspects of Patient Care on 17th January 2017 for Faculty, Residents and Student at AIIMS, Bhubaneswar.
5. Attended Workshop on PC & PNDT Act in collaboration with PC & PNDT Cell, Directorate of Family Welfare, Odisha. On 7th March 2017 at AIIMS, Bhubaneswar.

## **PUBLICATIONS**

● **Journals**

1. Mallik S, Singh SR, Sahoo J, Mohanty MK. Mosquito Net: An Under recognized Protection Measure against Snakebites. *Int J Prev Med.* 2017 Jan 5; 8:1.
2. Mallik S, Singh SR, Sahoo S, Mohanty MK. Ornament induced complications in snake bites: Revisiting the "Do it RIGHT" approach. *J Family Med Prim Care.* 2016 Apr-Jun;5(2):474-476
3. Mallik S, Singh SR, Mohanty MK, Padhy N. Attempted suicide by snake bite: A case study. *Med Sci Law.* 2016 Jul 14. pii: 0025802416659160. [Epub ahead of print]





4. Mallik S, Singh SR, Nath I. Littered Cans-Death Trap of Snakes. Wilderness Environ Med. 2017 Mar;28(1):56-57.

#### **PATIENT CARE/ HOSPITAL SERVICES**

- Giving consultancy service in medico-legal cases at Hospital emergency and in wards.
- Cold Preservation of Dead bodies.
- Medicolegal Autopsy.
- Pathological Autopsy.

#### **AWARDS AND HONOURS**

- The department has initiated 2 post graduate thesis works titled:

Assessment of Medico Legal Cases attending to the Casualty (Emergency) of AIIMS, Bhubaneswar. Dr. Sarthak Aeron (Post Graduate Student)- A Hospital Based Cross Sectional Study of Induced Abortions: Cases of unsupervised Medication & Cases without Prescription. Dr. Preetam Kumar Lenka (Post Graduate Student)



## GASTROENETROLOGY

### FACULTY

Assistant Professor

Dr. Manas Kumar Panigrahi

### HIGHLIGHTS

- The department started on 18th April 2016.

### PATIENT CARE/ HOSPITAL SERVICES

- Out patients care
- Endoscopy services
- Inpatients care
- Inter departmental services

### EDUCATION

- Teaching of MBBS and Nursing students

### CONFERENCES/CMES/WORKSHOPS ATTENDED & PAPER PRESENTED

- **Dr. Manas Kumar Panigrahi**

1. Attended ISG Upper G I hemorrhage taskforce meeting held on 17.06.2017 at Kumarakom, Kerala and delivered a lecture titled 'ISG consensus on upper G I bleeding'
2. Attended SAASL conference from 20.07.2017 to 22.07.2017, At Colombo, Sri Lanka and chaired a session and participated in consensus development on Lean NAFLD.

### PUBLICATIONS

- **Journals**

1. Sahoo N, Padhi S, Patra S, Mishra P, Kumar R, Panigrahi MK. Dyskeratosiscongenita, bone marrow failure, and gastric adenocarcinoma: an insight into telomere biology. Turk J Gastroenterol 2017; 28: 319-21.
2. Rath MM, Panigrahi MK, Pattnaik K, Bhuyan P, Kar SK, Misra B, Misra D, Meher C, Argrwal A, Rath J, Singh SP. Histological Evaluation of Non-alcoholic Fatty Liver Disease and its Correlation with Different Noninvasive Scoring Systems with Special Reference to Fibrosis: A Single Center Experience. J Clin Exp Hepatol 2016; 6:291-6.
3. Singh A, Sahu MK, Panigrahi MK, Misra D. Cryptogenic Multifocal Ulcerous Stenosing Enteritis(CMUSE):A tale of Three decades. ACG Case Rep Volume 4. Published on line March 15, 2017.

### AWARDS AND HONOURS

Dr. Manas Kumar Panigrahi was awarded travel fellowship to attend EASL- SHC Preceptorship Programme from 25-05-2016 to 30-05-2016 at Singapore



## GENERAL MEDICINE

### FACULTY

Associate Professor	Dr. Anupam Dey
Associate professor	Dr. Rashmi Ranjan Mohanty
Assistant Professor	Dr. Sujata Devi
Assistant professor	Dr. Rajesh Kumar

### HIGHLIGHTS

- Faculties of the department of Medicine participated as resource persons for training of Medical officers of the State Government on Diabetes and Hypertension at the programme organised by Dept of CM & FM at AIIMS Bhubaneswar.
- Faculty also participated in public awareness campaign and discourse as a part of World AIDS day programme at AIIMS Bhubaneswar on 1.12.16.
- The department participated in a health camp on 26.2.17 at Banki, Khordha District of Odisha.

### EDUCATION

1. The department runs a comprehensive undergraduate MBBS teaching programme, which includes lectures, seminars, integrated teaching, clinical case conferences, and bedside clinical case discussions.
2. The undergraduate students are assessed regularly at the end of each clinical posting. They also give periodic examinations.
3. The department is also involved in basic teaching of Nursing students.
4. The department imparts training and teaching of Postgraduate trainees of other departments posted in Medicine.
5. The department participates in Common Faculty presentations and Clinical meetings.
6. Journal clubs and case discussions are conducted for the residents.

### CONFERENCES/CMEs/WORKSHOPS ATTENDED & PAPER PRESENTED

- **Dr. Anupam Dey**
  1. Attended IRACON 2016 (Annual National Conference of the Indian Rheumatology Association), from 25-27 Nov 2016, at Kochi Presented paper Title : "Juvenile male SLE with predominant skin and oral manifestations"
  2. Attended APICON 2017 (Annual Conference of the Association of Physicians of India), from 26- 29 January, at Mumbai. Presented paper Title : "An undetected heart disease presenting with a sudden neurological emergency"
  5. Attended Diabetes India 2017 (7th World Congress of Diabetes) from 23-26 February 2017 at New Delhi.



3. Attended APICON Odisha 2016 (Annual Conference of the Association of Physicians of India, Odisha State Branch), from 12-13 November 2016, at Cuttack  
Paper presented title: “Steroids are more abused than used”
4. Attended the Workshop on Internship logbook development at AIIMS Bhubaneswar.
5. Attended the Workshop on Research Methodology & Statistics from 01-02 December 2016 at AIIMS Bhubaneswar.
6. Attended the Workshop on Scientific Writing from 03-04 December at AIIMS Bhubaneswar

● **Dr. Rashmi Ranjan Mohanty**

1. Attended Criticare 2017(Annual conference of critical care society of India) from 3- 5 February 2017 at Kochi.
2. Attended the Workshop on Research Methodology & Statistics from 01-02 December 2016 at AIIMS, Bhubaneswar.
3. Attended the Workshop on Scientific Writing from 03-04 December at AIIMS Bhubaneswar

● **Dr. Sujata Devi**

1. Attended 36th APICON Odisha 2016 from 12-11-16 to 13-11-16 at Cuttack
2. Attended 2nd National heart failure conference of Cardiological society of India on 10-02-17 to 12-02-17 at Bhubaneswar
3. Attended a CME on “STEMI update (ST- segment elevation myocardial infarction)” on 24-07-2016 at Bhubaneswar
4. Attended a CME on advances in management of Parkinsons disease and other movement disorders” on 17-07-2016 at Bhubaneswar
5. Attended the Workshop on Research Methodology & Statistics from 01-02 December 2016 at AIIMS, Bhubaneswar
6. Attended the Workshop on Scientific Writing from 03-04 December at AIIMS Bhubaneswar

● **Dr. Rajesh Kumar**

1. Attended and chaired a session in IRACON Odisha (Indian rheumatology association) Nov 2016 at Odisha and delivered a lecture titled “MCTD”
2. Attended the Workshop on Research Methodology & Statistics from 01-02 December 2016 at AIIMS, Bhubaneswar.
3. Attended the Workshop on Scientific Writing from 03-04 December at AIIMS Bhubaneswar.



## RESEARCH

### Funded Projects:

Ongoing : Name of the principal investigator

1. 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: Intramural : Duration 1 year, start year: 2016 Funds: Rs.1,75,000

**IEC approval number: T/IM-F/Med/15/27**

Completed:

1. Title of the project.

“A study of the cardiac risk factors emerging out of subclinical hypothyroidism” Name of the principal investigator : **Dr. Anupam Dey**

Funding agency: ICMR (Stipend): Duration 2 months, start year: 2016 Funds: Rs.10,000

**IEC approval number: T/IM-NF/Med/16/05**

## PUBLICATIONS

### ● Journals

1. Dey A. Juvenile male SLE with predominant skin and oral manifestations [abstract]. In: Proceedings of the Indian Rheumatology Association Conference; 2016 Nov 25–27; Kochi, Kerala: Indian J Rheumatol [serial online] 2016 [cited 2017 Jun 27];11, Suppl S1:20-108.
2. Dey A. An undetected heart disease presenting with a sudden neurological emergency [abstract]. In: Proceedings of the 72nd Annual Conference of The Association of Physicians of India; 2017 Jan 26-29; Mumbai, India: J Assoc Physicians India [serial online] 2017 Jan;65(1).
3. Mishra B, Turuk J, Sahu S J, Khajuria A, Kumar S, Dey A, et al. Co-circulation of all four dengue virus serotypes with concurrent infections in a single dengue season [abstract]. International Journal of Infectious Diseases, Volume 45, 446 (<http://dx.doi.org/10.1016/j.ijid.2016.02.947>)



- **Books**

1. Dey A. Anaerobic Infections. "Common Infectious Diseases - Fever Management Protocols"  
Editor: Jayant Panda, Book title: ICP Monograph, Jaypee Publisher, 2017, Chapter 16.

### **PATIENT CARE/ HOSPITAL SERVICES**

- **Running Out patient department (OPD) daily**
  - OPD Statistics: 67403 patients in 2016-17
- **Running Indoor services (admitting in General wards, ICU and Private wards)**
  - IPD Statistics: D6 ward- 1089 / MICU-936 / Private wards-138
  - Total admissions- 2163 patients in 2016-17
- **24 hrs Emergency services**

### **AWARDS AND HONOURS**

- Dr Anupam Dey became member of the following professional bodies:
  - International Society of Infectious Diseases (June 2016)
  - American College of Physicians (March 2017)
  - American College of Chest Physicians (March 2017)
- Dr. Anupam Dey - Participated in World Health Day 7th April 2016 programme at AIIMS: Conducted Quiz on Diabetes.
- Chaired session on Standards of Care in DM.
- Dr. Anupam Dey - Delivered lecture during Intern Orientation programme on: "Rational investigations and rationale of investigations".
- Dr. Rashmi Ranjan Mohanty and Dr Rajesh Kumar - Participated as resource persons, for induction training in Diabetes and Hypertension, of newly appointed Medical officers (State government) conducted by the department of Community & Family Medicine, AIIMS Bhubaneswar.
- Dr. Rashmi Ranjan Mohanty delivered a lecture on microvascular complications of diabetes on World diabetes day celebration.



## GENERAL SURGERY

### FACULTY

Additional Professor	Dr Tushar Subhadarshan Mishra
Associate Professor	Dr Prakash Kumar Sasmal
Associate Professor	Dr S Manwar Ali
Assistant Professor	Dr Mithilesh Kumar Sinha
Assistant Professor	Dr Pradeep Kumar Singh
Assistant Professor	Dr Pankaj Kumar

### HIGHLIGHTS:

- The Post-Graduation Course started in Surgery in January 2017 with two PG students joining the course. The Internship programme also started on the same day and the department has devised well-structured internship programme. Besides academics, the department was involved in a fair amount of research programmes and publication activities. The faculty members have delivered lectures and research papers in various conferences across the country. They have been invited as chairpersons in various conferences and as external examiners for MBBS exams of various universities.
- The Department organised a Basic trauma Care workshop for the Interns. The faculty department was involved in organising a highly interactive workshop for the interns on “Rational Investigations and Management” in the internship orientation.

### EDUCATION

#### Undergraduate Training:

- The theory classes which included lectures, clinical case conference and clinical grand round were taken by the faculty as per schedule. The faculty members of the department actively participated in structuring and framing the curriculum for the final year MBBS student. To ensure correct and proper fundamental knowledge is being imparted, a direct faculty - students contact teaching method in the entire duration of their hospital postings was practiced.
- The first batch of MBBS students appeared their final professional examination in December 2016. A logbook for the interns was devised along with the collaboration of other departments.



## Postgraduate Training:

- The curriculum for the Post Graduate students in Surgery was framed for the proper and effective training. The first batch of two Postgraduate students joined the department on 1st of January, 2017. Regular seminars and journal clubs were conducted every week. These students are being trained in various aspects of patient care, research and academic activities.

## CONFERENCES/CME/WORKSHOP ATTENDED & PAPER PRESENTED

### ● Dr. Tushar S Mishra

- 1- Attended the Endosurg 2017 conference from 17th-19th March 2017 in AIIMS New Delhi and chaired a session for competition paper presentation and a live workshop session.
- 2- Delivered a lecture on 'ABCDE of Trauma Care' in the Basic Trauma care workshop and skill course, held from 2nd to 5th March 2017, at AIIMS Bhubaneswar.
- 3- Delivered a lecture on Rational Investigations and Management in Surgery in a highly interactive workshop for the interns on "Rational Investigations and Management" in the internship orientation program on 3rd March, 2017
- 4- Chaired a session in the "Surgery Post Graduate CME" on 19th Feb 2017 at JIPMER, Puducherry.
- 5- Attended the "76th National Course on Educational Science for Teachers of Health Professionals" held from 16.02.2017 to 22.02.2017 in the Department of Medical Education, JIPMER, Puducherry
- 6- Attended the 1st International conference of Foundation of Obesity Research and Metabolic Surgery, BARICON 2016, from 1-3rd December 2016 at AIIMS, New Delhi.
- 7- Attended a Workshop on Internship skill and log book development from 28th -29th November, 2016 at AIIMS Bhubaneswar.
- 8- Attended the XXVI Annual Conference of the Indian Association of Surgical Gastroenterologist, lasgcon-2016 from October 6th - 9th, 2016 at Coimbatore
- 9- Attend the Provider Course of the ATLS at JPN Trauma centre New Delhi from 15th-17 August.
- 10- Attended the World Trauma Congress 2016, organised by the JPN Trauma centre New Delhi from 18th-21st of August, 2016

### ● Dr. Prakash K. Sasmal

- 1- Attended the 44th skill course of AMASI, on 6th August 2016 at IPGMER Kolkata and delivered a guest lecture on "Laparoscopic management of Liver Hydatid cyst".
- 2- Attended the Annual conference of colorectal surgeons with the ISUCRS 2016, from 23rd to 25th September, at Mumbai.





- 3- Attended the AMASICON 2016, from 17th to 20th November at Kolkata and delivered a lecture on “Laparoscopic management of Liver Hydatid cyst and other cyst”.
- 4- Attended the symposium on Thoracic surgery- 2016, from 21st to 22nd January, 2017 at AIIMS New Delhi
- 5- Attended the OSASICON 2017, in February 2017, at KIMS, Bhubaneswar and delivered a talk in the debate on “Laparoscopic hernia treatment”.
- 6- Attended the IAGES 2017, in February 2017, at Hyderabad and delivered a E-video presentation on “Video-assisted Thoracoscopic Surgery For Hydatid Disease Of the Lung”.
- 7- Attended the LAPCON 2017, on 4th to 5th March 2017, at Rourkela and delivered a Guest lecture on “Learning Laparoscopic Hernia Surgery”.

● **Dr. S Manwar Ali**

- 1- Attended the Basic Trauma care workshop on 2nd to 5th March 2017, at AIIMS Bhubaneswar and presented a lecture on 'Thoracic Trauma' and instructed skill on 'Needle thoracocentesis and intercostal chest drain'.
- 2- Attended the Endosurg 2017 conference from 17th-19th March 2017 in AIIMS New Delhi and chaired a session for free paper presentation.

● **Dr Mithilesh K. Sinha**

- 1- Attended 44th skill course of AMASI from 4th to 6th August at IPGMER Kolkata and got qualified to receive FMAS.
- 2- Attended AMASICON 2016 from 17th to 20th November held at Kolkata.
- 3- Attended conference ABSICON from 1st to 3rd July 2016 held at Bengaluru.
- 4- Received Short term training in 'laparoscopic suturing and knot tying' from 27th to 28th February 2017 held at CEMAST Mumbai.
- 5- Delivered lecture on 'head injury' and instructed 'Cricothyroidotomy' on 5th of March 2017 at BTLS held at AIIMS Bhubaneswar.

● **Dr. Pradeep Kumar Singh**

- 1- Attended the IAGES 2017, in February 2017, at Hyderabad.
- 2- Attended the Basic Trauma care workshop on 2nd to 5th March 2017, at AIIMS Bhubaneswar and presented a lecture on 'Abdominal Trauma' and instructed skill on 'Needle thoracocentesis and intercostal chest drain'.
- 3- Attended the Endosurg 2017 conference from 17th-19th March 2017 in AIIMS New Delhi



- **Dr. Pankaj Kumar**

- 1- Attended the IAGES 2017, in February 2017, at Hyderabad.
- 2- Attended the Postgraduate CME in Surgery in AIIMS New Delhi on 18th-19th February 2017, as a Faculty and delivered a guest lecture on “salivary lithiasis”.
- 3- Attended the Basic Trauma care workshop on 2nd to 5th March 2017, at AIIMS Bhubaneswar and was instructor on 'FAST’ and instructed skill on 'Focussed abdominal sonography in trauma patients’.
- 4- Attended the Endosurg 2017 conference from 17th-19th March 2017 in AIIMS New Delhi’ and oral papers on Laparoscopic management of giant intraabdominal cyst and poster presentation on left lateral segmentectomy for giant hemangioma of liver.

## RESEARCH

### Funded Projects:

#### Ongoing:

- 1- Title of the project: A Study of Determinants of Gastric Cancer in patients attending a Tertiary Care Hospital (Intramural funded project)  
Name of the principal investigator: **Dr Tushar Subhadarshan Mishra**  
Funding agency: AIIMS, Bhubaneswar (Intramural project)  
Duration – 2 yrs, Start year: 2016, Funds: Rs. 2,00,000/-  
IEC approval number: T/IM-F/Surg/15/31 dated 2016
- 2- Title of the project. “Incidence of surgical site infections (SSIs) in patients of periampullary carcinoma undergoing modified sequence (COMBILAST) Whipple's procedure”  
Name of the principal investigator: **Dr Prakash Kumar Sasmal**  
Funding agency: AIIMS, Bhubaneswar (Intramural project)  
Duration – 2 yrs, Start year: 2016 Funds: Rs. 15,000/-  
IEC approval number: T/IM-F/Surg/15/30 dated 2.5.16
- 3- Title of the project. “Effectiveness of intralesional triamcinolone in ganglion cyst” Name of the principal investigator: **Dr Mithilesh Kumar Sinha**  
Funding agency: AIIMS, Bhubaneswar (Intramural project)  
Duration – 1 yr, Start year: 2017 Funds: Rs. 840/-  
IEC approval number: AIIMS/BBSR/RC/2016/53

**Departmental:****Ongoing:**

1- Title of the project: “Factors predicting prolonged drainage and seroma formation following modified radical mastectomy in Breast Cancer” as STS ICMR project for 2016.

Name of the principal investigator: **Dr Prakash Kumar Sasmal**

Funding agency: Intramural Non funded and ICMR STS project Duration: ongoing.

Start year: 2016 Funds: -Nonfunded

IEC approval number: T/IM-NF/Surg/16/01 dated 12.05.16

**PUBLICATIONS****● Journal**

1. Mishra TS, Singh S, Jena SK, Mishra P, Mishra L. Giant endometrioma of the ovary: a case report. *J Endometr Pelvic Pain Disord*. 2016 Sep 7;8(2):71–4.
2. Meher S, Mishra TS, Sasmal PK, Sharma R, Rout B. Umbilical Pilonidal Sinus: A Report of Two Cases and Recent Update of Literature. *J Clin Diagn Res JCDR*. 2016 Sep;10(9):PD20-PD22.
3. Tripathy S, Sasmal P, Rao PB, Mishra TS, Nayak S. Cetrimide-chlorhexidine-induced multiorgan failure in surgery of pulmonary hydatid cyst. *Ann Card Anaesth*. 2016;19(3):557–60.
4. Meher S, Mishra TS, Rath S, Sasmal PK, Mishra P, Patra S. Giant dedifferentiated liposarcoma of small bowel mesentery: a case report. *World J Surg Oncol [Internet]*. 2016 Sep 21 [cited 2017 Aug 28];14.
5. Meher S, Mishra TS, Sasmal PK, Rath S, Sharma R. An Ulcerated Giant Malignant Phyllodes Tumour Presenting in Septic Shock. *J Clin Diagn Res JCDR*. 2016 Dec;10(12):PJ01-PJ02.
6. Meher S, Mishra TS, Sasmal PK, Rout B, Sharma R. Post-Traumatic Ectopic Nail: A Case Report and Review of Literature. *J Clin Diagn Res JCDR*. 2016 Nov;10(11):PD01-PD02. Nayak M, Patra S, Meher S, Sasmal PK. Amelanotic Melanoma Arising in Filariol Leg: A Report of a Rare Case. *J Clin Diagn Res JCDR*. 2017 Jan;11(1):ED07-ED09.

**PATIENT CARE / HOSPITAL SERVICES**

- The census of patient care for the year 2016-17 are:

1- OPD patients seen	:	30384
2- No. of Indoor admissions	:	1361
3- No. of Surgical procedure done	:	1088
4- No. of Minor procedures (Day Care) done	:	1058
5- No. of Upper GI endoscopies	:	1084



- The Department of Surgery specialises in advanced laparoscopic surgeries and regularly performs upper Gastro intestinal, colorectal, retroperitoneoscopic, endocrine and video assisted thoracic surgeries laparoscopically. The department also regularly performs Bariatric and Metabolic surgeries which is a first among the new AIIMS. Advanced open GI surgical and oncosurgical procedures are another major service which the department provides. The Department of Surgery from AIIMS Bhubaneswar caters to the people not only from the state of Odisha but also from outside.

### **AWARDS, HONORS & SIGNIFICANT EVENTS**

- A workshop on Basic Trauma Care for the Interns was organised by the Department of Surgery along with the Department of TEM and Anaesthesia, on 5th March 2017, at AIIMS Bhubaneswar.
- Dr. Tushar S Mishra was involved in organising a highly interactive workshop for the interns on “Rational Investigations and Management” in the internship orientation program on 3rd March, 2017, at AIIMS Bhubaneswar.
- Dr. Mithilesh Kumar Sinha was awarded Fellowship of Minimal Access Surgery (FMAS) of Association of Minimal Access Surgeons of India (AMASI).



## MEDICAL ONCOLOGY/HEMATOLOGY

### FACULTIES:

Assistant Professor	Dr. Sonali Mohapatra
Assistant Professor	Dr. Ashutosh Panigrahi

### HIGHLIGHTS

- The department was started in July 2016 with one faculty. Later on, faculty strength increased to two with joining of another faculty.
- The department is providing services for all hematological diseases of adults and pediatrics along with pediatric and adolescent solid tumors.
- We are actively involved in teaching programmes of the Institute.
- We conduct inter-departmental seminars with Pathology, Pediatric surgery, Surgical oncology and Radiotherapy departments.
- In collaboration with ILS, Bhubaneswar, we are conducting research projects on chronic myeloid leukemia (CML).

### EDUCATION

- UG (MBBS) teaching
- Teaching of post graduate students of different disciplines.
- The department is also involved in teaching of B.Sc. Nursing and other paramedical students.
- Inter-departmental seminars with Pathology, Pediatric surgery, Surgical oncology and Radiotherapy departments

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

- **Dr. Sonali Mohapatra**
  1. Attended the International CME on Hematology and 8th Annual Meet of Odisha Hematology held from 3rd – 4th Sept. 2016, at Cuttack, Odisha and was a panelist in the panel discussion on Hep. B & C infections in Hematological Practices.
  2. Attended the 3rd Global Congress on Sickle Cell Disease held at Bhubaneswar, Odisha from 21st - 24th Feb' 2017 and, was in charge of Media Bulletin.
  3. Attended Pediatric Solid Tumor Workshop from 29th-30th April, 2017 held at TMH, Mumbai.
  4. Attended as a scientific advisor for the Pediatric ITP advisory board on 25th March, 2017 at Mumbai.
  5. Attended the interphase CME on splenomegaly conducted by Odisha Hematology held on 17th June 2017, Cuttack, Odisha and was chairperson for a session titled 'Hematologist Approach to Splenomegaly'.



6. Participated in the training program on Good Clinical Practice (GCP) conducted at AIIMS, Bhubaneswar from 4th -5th July 2017 organized by Clinical Development Services Agency (CDSA), an extra-mural unit of the Translational Health science and Technology Institute (THSTI), Dept. of Biotechnology, Ministry of Science and Technology, Govt. of India.
7. Attended the North India Pediatric Oncology Forum (NIPOF) on 26th Aug'2017 held at New Delhi and delivered an invited talk titled 'Is there Metabolic Syndrome in survivors of Childhood Acute Lymphoblastic Leukemia'.

● **Dr. Ashutosh Panigrahi**

1. Attended 57th Annual Conference of Indian Society of Hematology and Blood Transfusion (ISHBT) from 10th -13th Nov 2016 at Jaipur, Rajasthan.
2. Attended ASH Highlights, Asia Pacific 2017 held at Hongkong from 11th -12th March 2017.
3. Attended the 3rd Global Congress on Sickle Cell Disease held from 21st-24th Feb'2017, at Bhubaneswar and was in charge of Media Bulletin.
4. Attended the interphase CME on splenomegaly conducted by Odisha Hematology held on 17th June 2017, Cuttack, Odisha and was chairperson for a session titled Hematologist Approach to Splenomegaly.

**RESEARCH**

**Extramural Project**

Title of the project: 'Molecular monitoring of BCR-ABL and kinase domain / secondary mutations in CML cases of Odisha' with ILS, Bhubaneswar

Funding agency: ILS, Duration: 5 years, Start year: 2017

**IEC approval number: T/EM-F/MED ONC/17/01**

**Departmental:**

We have started a new Hematology forum in collaboration with Odisha Hematology, named 'BLOOD CLUB'. Members of this forum include hematologists, transfusion medicine specialists, pathologists, physicians, pediatricians of different institutes of Odisha. First meeting of BLOOD CLUB was held on 22/03/2017. Aim of this initiative is to discuss unusual and difficult cases in day to day practice.

**PATIENT CARE / HOSPITAL SERVICES**

- The department runs special clinics for Hemoglobinopathy, Cancer Survivors and Pediatric solid tumors.
- We have Daycare facility, where most of the departmental services like chemotherapy and supportive care is given.



## MICROBIOLOGY

### FACULTY

Professor and HOD	Dr. A.K Praharaj
Additional Professor	Dr. Baijayantimala Mishra
Associate professor	Dr. Ashoka Mahapatra
Associate professor	Dr. Srujana Mohanty
Assistant professor	Dr. Bijayini Behera
Assistant professor	Dr. Vinaykumar Hallur

### HIGHLIGHTS

- The Department of Microbiology is presently involved in postgraduate (M.D. Microbiology), undergraduate MBBS (3rd, 4th and 5th Semester), B.Sc. Hons Nursing (2nd Year), and B.Sc. Hons (Medical Laboratory Technician) teaching and clinical research. The teaching pattern has been framed to ensure the foundational understanding in microbiological topics deemed to be of lasting importance along with the applied and clinical aspects related to patient care. The Department has a collection of parasitic specimens including gross specimens and mounted slides of insect vectors for teaching purpose.
- A wide array of diagnostic tests is carried out in the Department for the laboratory diagnosis of infectious diseases of bacterial (aerobic and anaerobic), viral, fungal, and parasitic origin and also has facilities for immunodiagnostic tests. Both conventional and rapid diagnostic tests as well as molecular platforms are utilized for the diagnosis of these diseases.
- The 10th Odisha chapter IAMM (Indian Association of Medical Microbiologists) Annual conference was organized by the Department of Microbiology, AIIMS, Bhubaneswar on 11th September, 2016.

### EDUCATION

- The educational activities being undertaken in the Department includes Postgraduate, Undergraduate teaching of MBBS, B. Sc (Hon) Nursing and B. Sc (Hon) MLT students. For undergraduate students, educational activities undertaken include theory lectures, conducting practical classes, quizzes, class tests, tutorials and internal and Professional examinations. For postgraduate teaching, Departmental Teaching/ Learning activities are carried out in the form of weekly Journal Clubs/ Seminars/ Presentations undertaken by PG students, Senior Residents, Demonstrators and Faculty. The PG students are posted in various sections of the department on a rotational basis and participate in various diagnostic



activities.

- The Department also participates in Clinical Combined Rounds being conducted on Wednesday and Saturday and in Academic Grand Round of the Institute on Friday.

#### **CME/ WORKSHOPS/ SYMPOSIA/ CONFERENCES:**

- **Dr. A.K Praharaj**

1. Attended the 10th Annual Conference of Indian Association of Medical Microbiologists (IAMM Odisha chapter), 11th September 2016, at IMA House, Bhubaneswar organized by Department of Microbiology, AIIMS Bhubaneswar
2. Attended the 40th Annual National Conference of the Indian Association of Medical Microbiologists (IAMM) from 23rd to 27th November, at PGI Chandigarh. He chaired a session on free paper on bacteriology.
3. Attended Paracon conference on 4th February 2017 at Chennai organised by Balaji Medical College, Chennai and delivered a guest lecture on “Emerging Parasitic Diseases”.

- **Dr. Baijayantimala Mishra**

1. Attended the 6th Annual National Conference of the Clinical Infectious Diseases Society CIDSCON-2016, from 26th – 28th August, 2016 at BHU Varanasi, organized by the Clinical Infectious Diseases Society.
2. Attended the 10th Annual Conference of Indian Association of Medical Microbiologists (IAMM Odisha chapter), 11th September 2016, at IMA House, Bhubaneswar organized by Department of Microbiology, AIIMS Bhubaneswar
3. Attended the 40th Annual National Conference of the Indian Association of Medical Microbiologists (IAMM) from 23rd to 27th November, at PGI Chandigarh. She delivered a talk on “Meliodosis: Endemic yet Exotic” and chaired the session of “Best Ten published papers in Parasitology” presented by two eminent parasitologists of India. She had also acted as the reviewer of Virology papers presented in the conference.

- **Dr. Ashoka Mahapatra**

1. Attended workshop on "How to practice Evidence Based Medicine/Child Health" at AIIMS, Bhubaneswar, Odisha, 19th – 20th April 2016
2. Attended the 10th Annual Conference of Indian Association of Medical Microbiologists (IAMM Odisha chapter), on 11th September 2016, at IMA House, Bhubaneswar organized by Department of Microbiology, AIIMS Bhubaneswar
3. Attended the 40th Annual National Conference of the Indian Association of Medical Microbiologists (IAMM) from 23rd to 27th November, at PGI Chandigarh. She presented a





poster entitled “Culture positivity in relation to degree of pyuria”.

4. Participated in Workshop on “Scientific Writing on 3rd and 4th December 2016 at AIIMS Bhubaneswar organized by AIIMS Bhubaneswar
5. Attended a CME on Hospital Acquired Infection & Workshop on Hospital Acquired Infection Surveillance & Audit on 18th March 2017 at S.C.B. Medical College, Cuttack.

● **Dr. Srujana Mohanty**

1. Participated in the ASM cum CME workshop on “Emerging Infections in India” on 21st April 2016, at AIIMS New Delhi, organized by AIIMS Delhi in collaboration with American Society of Microbiology
2. Attended the 6th Annual National Conference of the Clinical Infectious Diseases Society CIDSCON-2016, from 26th – 28th August, 2016 at BHU Varanasi, organized by the Clinical Infectious Diseases Society and presented a poster entitled “Reactive Arthritis in a Child with Strongyloides stercoralis Infection: an Uncommon Association”.
3. Attended the 10th Annual Conference of Indian Association of Medical Microbiologists (IAMM Odisha chapter), on 11th September 2016, at IMA House, Bhubaneswar organized by Department of Microbiology, AIIMS Bhubaneswar
4. Attended the Federation of Infectious Societies (FIS) Annual Conference and the 10th Healthcare Infection Society (HIS) International Conference 2016 [FIS/HIS 2016] from 6th-8th November 2016, at Edinburgh International Conference Centre (EICC), Edinburgh, Scotland. She presented a poster entitled “Antimicrobial susceptibility pattern of Staphylococcus aureus isolated from clinical specimens to conventional and newer antimicrobials in Eastern India”.
5. Participated as a delegate in the Brucellosis 2016 International Research Conference, from 17th- 19th November, 2016 at National Agricultural Science Center, New Delhi organized by International Brucellosis Society and Department of Biotechnology, Ministry of Science & Technology, Govt of India
6. Participated in Workshop on “Scientific Writing on 3rd – 4th December 2016 at AIIMS Bhubaneswar organized by AIIMS Bhubaneswar.
7. Participated in the workshop “Biostatistical Analysis on SPSS and design of medical studies” from 7th -10th March, 2017 at Biostatistics and Epidemiology Centre (BETC), National Institute of Cancer Prevention & Research (NICPR), ICMR, NOIDA, UP

● **Dr. Bijayini Behera**

1. Attended CME on “Infectious Disease in Dermatology” at AIIMS Bhubaneswar on 29th May 2016 and delivered a lecture on “Recurrent Dermatophytic Infection – “A Microbiologists Perspective”.



2. Attended the 10th Odisha chapter IAMM (Indian Association of Medical Microbiologists) Annual conference organized by the Department of Microbiology, AIIMS, Bhubaneswar on 11th September, 2016.
3. Attended the International Conference on “Contemporary Antimicrobial Research” at Assam University Biotech hub, Silchar, from 15-17th November 2016 and delivered a lecture on “Revival of old antimicrobials as a strategy to fight Antimicrobial Resistance: Focus on Polymyxins and Fosfomycin.”
4. Attended the 65th Annual Conference of the Indian Association of Pathologists and Microbiologists, APCON 2016 at Jaipur, India, from 1st –4th December 2016 and delivered a lecture on “The diverse dynamic and evolving landscape of laboratory diagnosis of Sexually transmitted infections”.
5. Attended workshop on “Issues in Hospital Designs' and 'Model Health District Initiative' organized jointly by Govt. of Odisha and NHSRC at Hotel Kalinga Ashok. Bhubaneswar on 2th January 2017 and delivered a lecture on “Protocols and Practices for Infection Prevention”.
6. Attended workshop on “Capacity Building and Strengthening of Hospital Infection Control to detect and prevent antimicrobial resistance in India” from 28th Feb -1st March, 2017 at India Habitat Centre, New Delhi organized by JPNA TRAUMA CENTRE, All India Institute of Medical Sciences, New Delhi.

● **Dr. Vinaykumar Hallur**

1. Attended the 10th Annual Conference of Indian Association of Medical Microbiologists (IAMM Odisha chapter), 11th September 2016, organized by Department of Microbiology, AIIMS Bhubaneswar at IMA House, Bhubaneswar.
2. Attended the 40th Annual National Conference of the Indian Association of Medical Microbiologists (IAMM) from 23rd to 27th November, at PGI Chandigarh.

**Papers presented by residents in Conferences**

1. “Speciation and antibiogram of Enterococci isolated in a tertiary care hospital - AIIMS, Bhubaneswar”, at the 10th Annual Conference of Indian Association of Medical Microbiologists (IAMM Odisha chapter), 11th September 2016, organized by Department of Microbiology, AIIMS Bhubaneswar at IMA House, Bhubaneswar (Poster)
2. “Clinico-mycological study of recurrent dermatophytosis in a tertiary care hospital of Eastern India”, 10th Annual Conference of Indian Association of Medical Microbiologists (IAMM Odisha chapter), 11th September 2016, organized by Department of Microbiology, AIIMS Bhubaneswar at IMA House, Bhubaneswar (Poster)
3. “Chronic Actinomycotic lacrimal canaliculitis: a case report”, 10th Annual Conference of



Indian Association of Medical Microbiologists (IAMM Odisha chapter), 11th September 2016, organized by Department of Microbiology, AIIMS Bhubaneswar at IMA House, Bhubaneswar (Poster)

4. "Comparative study of prevalence and antibiotic resistance pattern in Acinetobacter infections in intensive care units at a tertiary care hospital", at Annual Conference of Indian Association of Medical Microbiologists (MICROCON 2016), 23rd - 27th November 2016, PGI Chandigarh (Oral)

## RESEARCH

### 1. Funded projects. (During 2016-17)

#### **Completed:**

#### **Dr. Baijayantimala Mishra**

Title of the project. - Evaluation of loop mediated isothermal amplification (LAMP) assay for diagnosis of tubercular lymphadenitis

Name of the funding agency- Tuberculosis association of India Duration- start year. - 2016

Funds: Total cost. – Rs. 20,000/-

**IEC approval No: T/EM-F/Micro/16/07**

#### **Ongoing:**

#### **Dr. (Mrs) Ashoka Mahapatra**

Title of the project: Study of quinolone resistance mechanisms in clinical isolates of Gram negative bacteria

Name of the funding agency: AIIMS BHUBANESWAR Duration- 1 year, start year. 2017

Funds: Total cost. **3,50,000**

**IEC approval No: T/IM-F/Micro/15/03**

#### **Completed:**

#### **Dr. (Mrs) Ashoka Mahapatra**

Title of the project. - Soil transmitted helminthic infections among school going children in an Urban slum of Bhubaneswar, Odisha.

Name of the funding agency- **ICMR STS**

Duration -2 months, start year :-Aug- Sept, 2016

**IEC approval No: T/IM-NF/Micro/16/02**

#### **Ongoing:**

**Dr. Srujana Mohanty**

Title of the project: A study on identification, antimicrobial resistance and virulence factors of *Enterococcus* species isolated from clinical specimens at AIIMS Bhubaneswar  
Name of the funding agency: AIIMS BHUBANESWAR

Duration, start year. 2017 Funds: Total cost. **2,50,000**

**IEC approval No: T/IM-F/Micro/15/12**

**Dr. Bijayini Behera**

Title of the project. Prevalence of Scrub Typhus in undifferentiated febrile illness and Genetic characterization of *Orientia tsutsugamushi* isolates -

Name of the funding agency: AIIMS BHUBANESWAR Duration, start year. 2017

Funds: Total cost. 2,50,000

**IEC approval No: T/IM-F/Micro/15/14**

**2. Departmental projects (including thesis/dissertations)****Ongoing :****Dr. Bijayini Behera**

Title of the project. Analysis of Minimum inhibitory concentrations of colistin and polymyxin B. Are these drugs interchangeable in the treatment of MDR and XDR Gram negatives?

Name of the funding agency. ICMR STS Duration- one year, start year. 2017

Funds: Total cost. 10,000

**IEC approval No: IEC/AIIMS BBSR/STS-UG/2017-18/8**

**Completed :****Dr. Srujana Mohanty**

Title of the project: "Clinico-microbiological and molecular studies on *Staphylococcus aureus* strains isolated from community-associated skin and skin structure infections in Eastern India"

Name of the funding agency. Non-funded Duration, One year, start year 2015 Funds: Non-funded

**IEC approval No: T/IM-F/Micro/14/13**

**3. Collaborative projects Ongoing :****Dr. Bijayini Behera**

Title of the project. Capacity Building and Strengthening of Hospital Infection Control to detect and prevent antimicrobial resistance in India (CDC Funded Multi centric project-Site PI)

Name of the funding agency. CDC Duration, 3 Years, start year : 2017-18 Funds: Total cost.

Awaiting funding

**IEC approval No: T/EM-F/Micro/16/27**



## PUBLICATIONS

1. Mishra B, Turuk J, Sahu SJ, Khajuria A, Kumar S, Dey A, Praharaj AK. Co-circulation of all four dengue virus serotypes: First report from Odisha. *Indian J Med Microbiol* 2017; 35: 293-295
2. Mishra B, Behera B. The mysterious Zika virus: Adding to the tropical flavivirus mayhem. *J Postgrad Med.* 2016; 62: 249-254
3. Pradhan G, Behera P, Panigrahi MK, Bhuniya S, Mahapatra PR, Turuk J, Mohanty S. Pulmonary strongyloidiasis masquerading as exacerbation of chronic obstructive pulmonary disease. *Tubercle Respir Dis (Seoul)* 2016; 7 (4): 307-311
4. Mohanty S, Behera B, Sahu S, Praharaj AK. Antimicrobial susceptibility pattern of *Staphylococcus aureus* isolated from clinical specimens to conventional and newer antimicrobials in Eastern India. *J Hosp Infect* 2016; 94 (Suppl 1): S27

## PATIENT CARE

- Facilities available in the Department for patient care include:
  - i) Bacterial culture & sensitivity testing (Blood, CSF & other sterile body fluids, Urine, Pus, Sputum & Respiratory samples, Bile, Throat swab, Semen, Stool, Catheter tips & other miscellaneous samples),
  - ii) Environmental surveillance cultures of Operation Theatres, ICUs etc
  - iii) Fungal culture including lactophenol cotton blue mount, Anaerobic culture
  - iv) Direct microscopic examination for Gram stain, ZN stain, Albert stain, Giemsa , Modified acid-fast stain, methylene blue etc
  - v) Direct wet-mount microscopy for - stool ova & parasite examination, KOH mount, Hanging drop, India ink, Filaria
  - vi) Rapid serological tests - for malaria, dengue (NS1, IgM, IgG), Hepatitis B surface antigen, Hepatitis C & HIV testing, Rickettsia Weil-Felix test, Widal test, Typhoid fever IgM, C-reactive protein, Rapid plasma regain for syphilis, Anti-streptolysin O test, Rheumatoid factor
  - vii) Serology by ELISA – Dengue IgM, Dengue NS1, HBsAg (Hepatitis B), Hepatitis C, HAV IgM, Hepatitis E (HEV), IgM Scrub Typhus, CMV, Hydatid serology
- The Department has tested a total of 40, 459 clinical samples from 1st April 2016 till 31st March, 2017. In addition, the department is performing routine microbiological surveillance cultures of the operation theatres and intensive-care units of the hospital; a total of 396 surveillance cultures have been performed during this period. Thus a total of 40,855 number of samples have been tested.
- The investigations carried out in the department were as follows:



- Direct microscopy (Gram stain, AFB smear, KOH, India Ink, hanging drop etc) – 11,857
- Bacterial culture & sensitivity testing (blood, urine, pus etc) – 10, 091 samples.
- Fungal investigations including fungal culture and KOH – 1092
- Rapid serological tests – 10, 693
- Serological tests by ELISA – 6457
- Stool parasitological and Miscellaneous investigations – 269
- Surveillance samples on various samples from OTs and ICUs – 396 no.

## AWARDS, HONOURS AND SIGNIFICANT EVENTS

- **Events organized**

The 10th Odisha chapter IAMM (Indian Association of Medical Microbiologists) Annual conference was organized by the Department of Microbiology, AIIMS, Bhubaneswar on 11th September, 2016.

Dr. (Mrs) Ashoka Mahapatra has been nominated by Utkal University - As a member of Subject Research Committee in Asian Institute of Public Health (AIPH) – 25.03.2017

- Prof. A.K. Praharaj has taken membership of American Society for Microbiology, Infectious Diseases Society of America, and American Society of Tropical Medicine & Hygiene
- Dr. Baijayantimala Mishra has taken permanent membership of Clinical Infectious Diseases Society of India. She has also taken membership of American Society for Microbiology, Infectious Diseases Society of America, International Society of Infectious Diseases, American Society of Tropical Medicine & Hygiene , and European Society of Clinical Microbiology and Infectious Diseases
- Dr. (Mrs) Ashoka Mahapatra has taken membership of American Society for Microbiology and Infectious Diseases Society of America.
- Dr. Srujana Mohanty has taken permanent membership of Clinical Infectious Diseases Society of India. She has also taken membership of American Society for Microbiology.
- Dr Bijayini Behera has taken permanent membership of Indian Association of Pathology and Microbiology. She has also taken membership of American Society for Microbiology.
- Dr Vinaykumar Hallur became member of American society of Microbiology.
- Dr Vinaykumar Hallur became member of Infectious disease Society of America.



## NEONATOLOGY

### FACULTY

Assistant Professor & In-charge  
Assistant Professor

Dr Tapas Kumar Som  
Dr Pankaj Kumar Mohanty

### HIGHLIGHTS

- Department of Neonatology has started functioning with OPD services on all weekdays for children below 1 year of age since May 16, 2016.
- Level III neonatal service (NICU) was operationalized on July 2, 2016 with only three (3) beds beside OT complex. Level II neonatal service (SNCU) was started with four (4) beds in the adjoining area of Obstetrics Ward since December 1, 2016. We have 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 since July 2016. We have also taken care of sick newborns born outside but attended AIIMS, Casualty.
- We are also providing post-operative support to babies requiring surgery.
- Faculties are also involved in installation and commissioning of equipments already supplied from HLL, procurement of consumables and new equipments and other administrative works.

### 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.
- We are jointly with Department of Obstetrics & Gynecology and Department of Pediatrics continuing the discourse on statistics of perinatal events monthly.

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

- **Dr Tapas Kumar Som**
  1. Attended the preconference CME in Odisha “PEDICON” held at KIMS Hospital, Bhubaneswar as faculty on November 18, 2016.
  2. Attended the conference organized by Indian Society of Inborn Error of Metabolism as delegate held in Chennai from February 10, 2017 to February 12, 2017.
- **Dr Pankaj Kumar Mohanty**
  1. Attended symposium on “Ethical issues in Pediatric care, Nursing and Research” at AIIMS, Bhopal on November 8, 2016.



2. Participated in Odisha “PEDICON” held at KIMS Hospital, Bhubaneswar on November 19, 2016.
3. Attended TOT on “Facility Based Newborn Care (FBNC)” at Shivpuri, MP from February 19, 2017 to February 22, 2017.4. Participated in implementation of “India Newborn Action Plan (INAP)” at Sundargarh and Sambalpur District Hospital, Odisha from March 1, 2017 to March 3, 2017.

## **PUBLICATIONS**

1. Mohanty PK, Som TK, Mohapatra S, Das RR (editors). Hot Topics in Neonatology. 1st Ed. New Delhi: Noble Vision (Medical Book Publishers); 2017
2. Som TK. Immunization in preterm/low birth weight infants. In: Vaccicon, ed. S. Mahapatro. Bhubaneswar. IAP (Odisha State Branch), 2016. p22 – p24

## **PATIENT CARE / HOSPITAL SERVICES**

- Department of Neonatology provided services to outdoor and indoor patients admitted in the NICU, SNCU and in the postnatal ward. A total of around 1,500 newborns and infants were seen in the OPD. Approximately 120 newborns were managed in the NICU since July 2016 and 100 newborns were managed in the SNCU since December 2016. Main reasons for admission in the NICU were 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 ventilatory support. The reasons for admission in the SNCU were mainly for management of neonatal jaundice and very low birth weight infants.
- In the NICU, we have been able to initiate ventilatory support including CPAP.
- Exchange transfusion was also performed on 4 babies.





## NEUROLOGY

### FACULTY

Associate Professor

Dr. Sanjeev Kumar Bhoi

### HIGHLIGHTS

- After the inception of Neurology department in April 2016, there is a tremendous increase in patient load. The department is providing clinical services to patients coming from all corners of Odisha and adjoining states.
- In last 12 months more than 14000 (OPD) patients and 340 indoor patients (IPD) have been managed.
- At present the department is providing electroencephalography (EEG) test services conducted in Physiology department.
- Epilepsy special clinic is functioning in collaboration with department of Psychiatry.

### EDUCATION

The faculty impart both clinical teaching and took didactic lectures in Neurology of undergraduate students and BSc nursing students as per the teaching schedule of the academic year. Actively participate in discussion in clinical round (Friday) and interdepartmental meet.

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

- **Dr Sanjeev Kumar Bhoi**
  1. Attended National Conference on “SMART SUMMIT – 2016 conference, on 10th December 2016 at Madurai, Tamil Nadu, India.
  2. Attended 24th Annual National Conference of Indian Academy of Neurology IANCON 2016, from November 10-13, 2016, at Kolkata. Presented paper. Title: “SPECT study in migraine: A tertiary care experience”.
  3. Attended workshop on Research Methodology & Scientific Writing form 1st to 4th Dec 2016, AIIMS Bhubaneswar, Odisha.
  4. Attended as invited speaker in “Neuro Vision” Odisha on 6th November 2016, Bhubaneswar, Odisha. Title: “Know your AED and Newer AED”.

**VISITING FACULTY:** Prof P. Satishchandra Professor and HOD Neurology NIMHANS, Bangalore, visited the Neurology department AIIMS Bhubaneswar (ward round, case discussion).

### AWARDS, HONORS & SIGNIFICANT EVENTS

- Dr. Sanjeev Kumar Bhoi conferred PEARL Foundation Best Young Scientist Award for the year 2016.



## NEUROSURGERY

### FACULTY

Additional Professor and Head  
Associate Professor  
Assistant Professor

Dr. Rabi Narayan Sahu  
Dr. Ashis Patnaik  
Dr. Sumit Bansal

### HIGHLIGHTS

- The patient care given by the department of Neurosurgery increased tremendously from the last year. We are treating all selections of neurosurgical patients here.
- The department of neurosurgery has its own indoor ward consisting of 21 beds along with facility to admit in Trauma and emergency ward and Private wards/ cabins. The neurosurgery ward has separate cubicles for post-operative patients, male, female and paediatric patients and the chronically ill patients like tracheostomised patients. Overall, the department of neurosurgery, now provides much needed neurosurgical patient care particularly to poor and needy patients who cannot afford costly private hospitals and also to those patients who need quality care.

### EDUCATION AND ACADEMICS

- MBBS Classes
- Nursing classes
- Neuroradiology Conference
- Neuropathology Conference

### PAPER AND POSTER PRESENTATION IN CONFERENCE

- **Dr Rabi Narayan Sahu**
  1. Attended the 1st Yoshio Suzuki Oration and Neuroendoscopy workshop on 20th August 2016 at Department of Neurosurgery, SGPGIMS, Lucknow.
  2. Attended “ANEICON 2016” from 22nd & 23rd October 2016 at Shillong, Meghalaya, India. Presented two papers “Pediatric Head Injury” & Pediatric “Posterior Fossa Tumors: spectrum and management”.
  3. Attended “Neuroupdate” on 17 July 2016 at Bhubaneswar. Presented an Invited Talk on “Management of Glomus Tumor”.
  4. Attended “36th annual conference of NES 2017” from 6th- 8th Jan 2017 at Bhubaneswar. Presented an Invited Talk on “Neurosurgical Management of Glomus Jugulare Tumor”.



- **Dr Sumit Bansal**

1. Attended “27th Annual Meeting of the Indian Society for Pediatric Neurosurgery (INDSPNCON 2016) and International Society for Pediatric Neurosurgery CME 2016” from 1-3rd October 2016 at Bangalore.

Presented a paper on “Terminal and nonterminal Myelocystocele: experience at AIIMS Bhubaneswar” and also presented a poster on “An unusual lipoma in uncommon location: an interesting case”.

## **PUBLICATIONS**

### **Journals:**

1. Patnaik A, Mahapatra AK, Sarkar S, Samal DK. Spontaneous leaking craniopharyngioma causing preoperative chemical meningitis. *Surg Neurol Int.* 2016; 7:41.
2. Bansal S, Mahapatra AK, Patra S, Mishra P: Recurrent Cerebral Astroblastoma with Aggressive Histology: An Uncommon Case. *Indian Journal of Neurosurgery.* (Published online)
3. Bansal S, Mahapatra AK: Excellent outcome in Midbrain contusion: An uncommon report. *Medical Reports and Case Series* 2016, 1:2.
4. Bansal S, Mahapatra AK: Giant pericallosal lipoma with extension into anterior fontanelle: an uncommon case. *Childs Nerv Syst* 2016; 32:1187- 1189.
5. Bansal S, Mahapatra AK, Patra S: Cystic angiomatous meningioma: a diagnostic dilemma. *Indian J Neurosurg* 2016; 5:106–109.6. Bansal S, Mahapatra AK: Pan-pneumocele of paranasal sinuses: a rare entity. *Indian Journal of Neurosurgery* 2016; 5: 61-62.
7. Bansal S, Mahapatra AK, Mishra P: Giant cystic cum solid schwannoma of conus medullaris: a rare case report and review of literature. *Indian Journal of Neurosurgery* 2016; 5: 63-65.

### **Chapters in Books**

1. Patnaik A: Head trauma. (NHRM Book-2016)
2. Bansal S: Spinal trauma. (NHRM Book-2016)

## **PATIENT CARE/HOSPITAL SERVICES**

- Overall, 7816 patients were seen during this period with an average of 40-50 patients per day. The indoor admissions were 456, consisting of head injury, brain and spinal tumors, spinal dysraphism and hydrocephalus, cervical and lumbar spondylitis etc. The number of major neurosurgical operative procedures was 424, consisting of various types of brain tumors including Cerebello-pontine angle tumors, skull base tumors, transnasal endoscopic surgery



for pituitary tumors, cerebro-vascular surgery, shunt surgery for hydrocephalus, spinal dysraphism surgery, discectomy and laminectomy along with spinal fixation, surgeries to save the life of critically ill head injured patients.

**OPD Patient care:**

- Number of patients seen: 7816 (excluding casualty)
- Minor OPD Procedures: 756

**IPD Patient care:**

- Number of beds=21 (Average Bed Occupancy rate = 98-99%)
- Total admissions: 456
- Total major neurosurgical operations: 424(Routine=313, Emergency=111)



## NUCLEAR MEDICINE

### FACULTY

Assistant Professor

Dr. Kanhaiyalal Agrawal

### HIGHLIGHTS

- The department of Nuclear Medicine started functioning with “Nuclear thyroid clinic” at AIIMS, Bhubaneswar. The department also started an integrated BSc MTIT course in collaboration with department of Radiology and Radiotherapy.
- The department has got Atomic Energy Regulatory Board (AERB) approval for installation of Gamma Camera (SPECT-CT), low dose radio-iodine therapy and Thyroid uptake probe.

### EDUCATION

- Dr Kanhaiyalal Agrawal is the course co-ordinator of BSc MTIT (Honours) course. The department is involved in teaching undergraduate BSc MTIT students.

### CONFERENCES/CME/WORKSHOP ATTENDED & PAPER PRESENTED

#### Dr. Kanhaiyalal Agrawal

1. Attended workshop on research methodology and statistics from 1st-2nd Dec 2016 at AIIMS, Bhubaneswar.
2. Attended workshop on scientific writing from 3rd-4th Dec 2016 at AIIMS, Bhubaneswar.
3. Attended 7th Annual Conference of Indian Society for study of Lung Cancer (ISSLC) from 14th -15th January 2017 held in Bhubaneswar, Odisha as organising committee member.
4. Attended “6th annual meeting of Kuwait Society of Nuclear Medicine and Molecular Imaging and 1st PET/MRI congress of west Asia” from 19th-22nd March 2017 held in Kuwait City, Kuwait- delivered invited lecture on “Role of PET/CT in the thyroid cancer”
5. Participated as trainer in “workshop on PET-CT” at Kuwait City, Kuwait from 19th- 22nd March 2017

### PATIENT CARE / HOSPITAL SERVICES

- Dept of Nuclear Medicine is running a special thyroid clinic for patients with Graves' disease and thyroid cancer. The SPECT-CT machine is going to be installed soon.

### AWARDS, HONORS & SIGNIFICANT EVENTS

Dr Kanhaiyalal Agrawal organised a Nuclear Medicine Quiz contest in the “6th annual meeting of Kuwait Society of Nuclear Medicine and Molecular Imaging and 1st PET/MRI congress of west Asia” from 19th-22nd March 2017 held in Kuwait City, Kuwait.



## OBSTETRICS & GYNAECOLOGY

### FACULTY

Additional Professor & Head	Dr. Saubhagya Kumar Jena
Associate Professor	Dr. K Pushpalatha
Assistant Professor	Dr. Sweta Singh
Assistant Professor	Dr. Pruthwiraj Sethi

### HIGHLIGHTS

- The faculty and residents of the department are actively involved in patient care, education, research and corporate activities. The department runs outpatient services, inpatient services, labour & delivery services and obstetrics & gynaecological surgical procedures. The department also runs special clinic on high risk pregnancy & infertility on every Monday & Thursday from 2 to 4 pm respectively. Gynaecological endoscopic procedures and gynaecological oncosurgery are being done in the department regularly. Screening for gynaecological malignancies, LEEP procedure, evaluation and treatment of infertile couples are also being done regularly.
- Two postgraduate students admitted to the department in January 2017 session. The clinical classes and lectures are being taken regularly for MBBS and nursing students. The faculty members and senior residents of the department presented many scientific papers in various national and international conferences. Our senior resident Dr Lipsa Mishra received first prize in the 1st East Zone ISOPARB Conference 2016 at IMS & SUM Hospital, Bhubaneswar on 1st May 2016 for scientific paper titled "Mullerian anomaly in a post menarche girl".
- Our In-patient ward was inaugurated on 6th June 2016 in E2 block by founder director Prof. A K Mahapatra. The Department along with the Departments of CM & FM, Microbiology, Transfusion Medicine and College of Nursing jointly organised the World AIDS Day Celebration on 1st December 2016.

### EDUCATION

- **Undergraduate, postgraduate & Nursing teaching and training:**  
The faculty members took lecture classes for MBBS students as per the curriculum & schedule. Clinical classes for MBBS students were also taken by the faculty members and senior residents of the department as per schedule. Assessment of MBBS students was done in end of clinical posting, end semester and final summative examination. Posting of first batch of interneers was started from 1st January 2017. For nursing students 16 lecture classes were taken by the department.

**CONFERENCES/CME/Workshop ATTENDED&LECTURE DELIVERED/ PAPER PRESENTED****● Dr. Saubhagya Kumar Jena**

1. Participated in the workshop on “How to Practice Evidence Based Medicine/Child Health” on 19th & 20th April 2016 at AIIMS Bhubaneswar.
2. Participated in the 1st East Zone ISOPARB Conference 2016 at IMS & SUM Hospital, Bhubaneswar from 29th April to 1st May 2016, was organising committee member and chairman of academic committee. Presented a topic as invited faculty titled “Caesarean Myomectomy” on 30th April 2016 and moderated the panel discussion on “PPROM”.
3. Participated in the Bhubaneswar O & G society CME on 11th May 2016 at HHI, Bhubaneswar as panellist in the Panel discussion on “Infertility”.
4. Participated the 2nd East Zone FOGSI Conference “POORVAM 2016” at Hotel Mayfair, Bhubaneswar from 13th to 15th May 2016. Presented a topic as invited faculty titled “Adolescent AUB: Management Guide” on 14th May 2016, Judge in free paper session and panellist in the panel discussion on “MTP – Medicolegal Cases” on 15th May 2016.
5. Participated in the “12th AAGL International Congress on The Ultimate Advances in Minimal Invasive Gynaecological Surgery” as delegate from 2nd to 5th June 2016 at Hotel Raddison, Mumbai.
6. Participated in the 9th Annual Conference of Mercy Hospital, Jamshedpur and presented a topic titled 'Fertility and Thyroid Disorders' as invited faculty on 10th July 2016
7. Undergone advanced laparoscopy training at Ahmedabad on 20th & 21st July 2016.
8. Participated in the joint annual meet of Burla O & G Society & ISOPARB Burla/Sambalpur Chapter on 24th July 2016 at Sambalpur. Presented a topic titled “Caesarean Myomectomy” as invited faculty.
9. Resource person for the induction training of newly appointed Medical Officer, under OPSC, Govt. of Odisha in the department of Community & Family Medicine, AIIMS, Bhubaneswar and presented a topic on “Screening of Cancer cervix and Breast cancer” on 3rd August 2016.
10. Participated in the workshop on “Obstetric Drill” organised by Ian Donald Inter-University School of Medical Ultrasound on 5th August at Hyderabad.
11. Participated in the Live surgical workshop (BAGE) & Annual conference of IAGE from 9th to 11th September 2016 as invited faculty at SUM Hospital & Hotel New Marrion, Bhubaneswar.
12. Participated in the Workshop on Child Sexual Abuse (CSA) organised by IMA & UNICEF at Promod Convention Centre, Cuttack on 24th & 25th September 2016.
13. Invited Speaker on Cancer Awareness Seminar at NALCO Auditorium organised by Rotary Club Bhubaneswar in association with NALCO & AIIMS Bhubaneswar and presented a topic titled “Screening of Cancer Cervix” on 25th September 2016. Participated in the preconference workshop on Academic Leadership on 13th October 2016



- & MEDUCON 2016 on 14th October 2016 at JIPMER Puducherry.
15. Participated in the sensitization programme on INAP, IAPPD & New Maternal Health Guidelines on 7th November 2016 at AIIMS Bhubaneswar.
  16. Invited faculty for ASTICON 2016 at AIIMS Bhopal and presented a guest lecture on the topic “Infectious Syphilis: Current Management Guidelines” on 25th November 2016 and participated in the conference from 25th to 27th November 2016.
  17. Participated as panellist in the panel discussion on public lecture at AIIMS Bhubaneswar on 1st December 2016 for World AIDS Day celebration.
  18. Participated in the Workshop on Scientific Writing at AIIMS Bhubaneswar on 3rd & 4th December 2016.
  19. Panellist in the ISAR Odisha Chapter CME on the topic “Recent updates on PCOS with Infertility” at IMS & SUM Hospital, Bhubaneswar on 14th December 2016.
  20. Chaired a session of the Bhubaneswar O & G society CME on the topic “Can we rejuvenate aged oocytes?” on 15th January 2017 at Hotel Hindustan International, Bhubaneswar.
  21. Participated in the CME on Medico Legal Aspects of Patient Care in AIIMS Bhubaneswar on 17th January 2017.
  22. Presented a topic on “Assessment of Clinical & Practical skills” as invited speaker on 21st January 2016 in the Medical Education Workshop at IMS & SUM Hospital Bhubaneswar.
  23. Participated in the 60th All India Congress of Obstetrician & Gynaecologists (AICOG) 2017 at Ahmedabad from 25th to 29th January 2017.
  24. Participated in the workshop on Genetics & foetal medicine and C G Saraiya CME. Presented a paper titled “Evaluation of clinical, biochemical and psychological parameters in women of PCOS undergoing treatment with conventional therapies”. Panellist in the panel discussion on Multiple Pregnancy - How to tread and treat. Received the fellowship of ICOG.
  25. Resource person for the induction training of newly appointed Medical Officer, under OPSC, Govt. of Odisha in the department of Community & Family Medicine, AIIMS, Bhubaneswar and presented a topic on “Screening of Cancer cervix and Breast cancer” on 23rd February 2017.
  26. Participated in the workshop on PC & PNDT ACT at AIIMS Bhubaneswar from 7th March 2017 and presented a topic titled “Reality Co-relation & Scenario handling in O & G practice”.
  27. Participated in the RCOG WORLD CONGRESS 2017 at Cape Town, South Africa from 19th to 23rd March 2017. Attended the pre-congress workshop on “Laparoscopic Colposacropexy: Hands-on Pearls to Success”, presented a poster titled “Intra-cervical foreign body in prolapsed uterus producing pyometra” and attended the post congress “Laparoscopic Surgery Live Streaming” workshop.



**● Dr. K Pushpalatha**

1. Participated in Essential Course on Palliative Care as a national faculty. Delivered lecture on “GI symptoms in palliative care” and “ Palliative care in non-malignant conditions” on 27, 28 July 2016, AIIMS, BBSR:.
2. Attended the workshop as a resource person and presented on “ Implementation of MDR and MNM-R- Opportunities and Challenges” . Workshop on “ Issues in Hospital Designs” was organized jointly by Govt. of Odisha and NHSRC at Bhubaneswar on 12 to 13 Jan 2017, Bhubaneswar:.
3. Attended Pre implementation stakeholders sensitization programme of INAP, IAPPD and New Maternal Health Guidelines capacity building project organized at Conference room in the attendance of Chief of Office UNICEF Odisha on 7 Nov 2016, AIIMS, BBSR:.
4. Presented oral paper on “Role of Appendicectomy in a mucinous tumor of ovary” and chaired a session on Hysteroscopy on 5-7 Aug, 2016, ENDOFERT 2016, AIIMS, New Delhi:.
5. Attended the 11th National conference of Indian Society of Colposcopy and Cervical Pathology on 2-3 April 2016, Jodhpur.

**● Dr. Sweta Singh**

1. Invited faculty for 25th USCON 2016- The Silver Jubilee Conference of the Indian Federation of Ultrasound in Medicine and Biology (IFUMB), held at Hotel Mayfair Convention, Bhubaneswar, from 21st -23rd October 2016. Was a panelist on the topic “Late Onset Anomalies- A management challenge” on 23rd October, 2016.
2. Invited faculty for the Indian Society of Assisted Reproduction (ISAR) Odisha CME on 30th March 2017 at Bhubaneswar. Was a panelist on the topic “Testing and interpreting ovarian reserve in infertility”.
3. Invited faculty at POORVAM 2016, the second joint meet of East Zone Obstetrical and Gynaecological Societies of FOGSI and 40th annual conference of Association of Obstetricians and Gynaecologists of Odisha (AOGO), held at Hotel Mayfair, Bhubaneswar from 13th-15th May, 2016. Delivered a guest lecture on “Placenta Praevia- Diagnosis and Management” on 13.05.2016. Was also a panellist on the topic “Recurrent pregnancy loss” on 14.05.2016 and a judge for the free paper session on 14.05.2016.
4. Presented an e-poster titled “Giant ovarian cysts -A single institutional experience” at the Royal College of Obstetrics and Gynaecology (RCOG) World Congress 2017 held at CTICC, Cape Town, South Africa from 20th-22nd March 2017.
5. Attended workshop on “Basic fetal echo” at INSUOG 2016- International Congress on Advances in Obstetric and gynaecological ultrasound held from 6th-8th May, 2016 at Hyderabad, India and presented a poster titled “Craniorachischisis with bilateral cleft lip and



- palate, sub-hepatic caecum and agenesis of ascending colon-A case report".6.Attended the 'Colposcopy workshop' at the RCOG World Congress held at CTICC, Cape Town, South Africa on 19th March 2017.
7. Attended "Fetal Medicon 2016" 2nd annual conference of Society of Fetal medicine, Odisha Chapter, organized at Hotel Seetal, Bhubaneswar on 24th July, 2016 under the aegis of Association of Obstetricians and Gynaecologists of Odisha (AOGO).
  8. Attended workshop on "research methodology and statistics" under faculty development programme held on 1st and 2nd December 2016 at AIIMS Bhubaneswar.
  9. Attended workshop on "scientific writing" under faculty development programme held on 07.02.2017 and 08.02.2017 at AIIMS Bhubaneswar.

- **Dr. Pruthwiraj Sethi**

1. Attended as delegate in 60th AICOG (All India Congress of Obstetrics and Gynaecology) conference at Ahmedabad from 26-01-2017 to 29-01-2017.
2. Attended as delegate in BAGE- 2016 (Basic to advanced gynaec endoscopy- Annual conference of IAGE) at Bhubaneswar and participated in a debate on the topic "No to mesh in laparoscopy" from 09-09-2017 to 11-09-17.
3. Participated in faculty development programme workshop on research methodology & statistics at AIIMS, Bhubaneswar from 01-12-2016 to 02-12-2016.
4. Participated as a panelist for panel discussion on "DIC in pregnancy" in the CME of the ISOPARB Bhubaneswar chapter on 13-01-2017.

- **Senior Residents**

1. Dr. Leena Das, presented scientific paper titled "Vulvar endometriosis- A Case Report" at the 1st East Zone ISOPARB Congress & Workshop 2016 held at IMS and SUM Hospital, Bhubaneswar from 29th April-1st May, 2016.
2. Dr Lipsa Ray, presented scientific paper titled "A one-year analysis of ectopic pregnancies in a single unit of tertiary centre" at the 1st East Zone ISOPARB Congress & Workshop 2016 held at IMS and SUM Hospital, Bhubaneswar from 29th April-1st May, 2016.
3. Dr. Arati Mallick, presented scientific paper titled "Craniorachisis with bilateral cleft lip and palate, sub-hepatic caecum and agenesis of ascending colon-A case report" at the 1st East Zone ISOPARB Congress & Workshop 2016 held at IMS and SUM Hospital, Bhubaneswar from 29th April-1st May, 2016.
4. Dr. Madhushree Naik, presented scientific paper titled "Giant Ovarian cysts- Our experience at AIIMS Bhubaneswar" at Poorvam 2016, the second joint meet of East Zone Obstetrical and Gynaecological Societies of FOGSI and 40th annual conference of Association of Obstetricians



- and Gynaecologists of Odisha (AOGO), held at Hotel Mayfair, Bhubaneswar from 13th-15th May 2016.5. Dr. Leena Das, presented scientific paper titled “Extrapelvic endometriosis-A Case series” at Poorvam 2016, the second joint meet of East Zone Obstetrical and Gynaecological Societies of FOGSI and 40th annual conference of Association of Obstetricians and Gynaecologists of Odisha (AOGO), held at Hotel Mayfair, Bhubaneswar from 13th-15th May 2016.
6. Dr. Jagdish Chandra Behera, presented scientific paper titled “Chronic Ectopic Pregnancies- A Case series from AIIMS Bhubaneswar” at Poorvam 2016, the second joint meet of East Zone Obstetrical and Gynaecological Societies of FOGSI and 40th annual conference of Association of Obstetricians and Gynaecologists of Odisha (AOGO), held at Hotel Mayfair, Bhubaneswar from 13th-15th May 2016.
7. Dr. Lipsa Mishra presented a scientific paper titled “Mullerian anomaly in a post menarche girl” in the 1st East Zone ISOPARB Conference 2016 at IMS & SUM Hospital, Bhubaneswar on 1st May 2016.

## RESEARCH

### Funded Projects:

#### *Ongoing:*

#### **Dr Saubhagya Kumar Jena**

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-2yrs, start year : 2016, Funds: Rs. 29,73,239/-

**IEC approval number: T/EM-F/O & G/13/09**

#### **Departmental:**

#### *Ongoing:*

#### **Dr K Pushpalatha**

Title of the project: Impact of lower limb lymphedema on the quality of life in gynecologic malignancies as compared to non-malignant conditions.

Name of the principal investigator: Dr K Pushpalatha

Funding agency: Non-funded, Duration: 5 years, Start year: 2013, Funds: NA

**IEC approval number: IEC/AIIMS/2013/12/20/07**

**Dr Sweta Singh**

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.

Name of the principal investigator: Dr Sweta Singh

Funding agency: None, Duration - 12 months, start year : 2016

**IEC approval number:T/IM-NF/O&G/16/06**

**Completed:****Dr Saubhagya Kumar Jena**

Title of the project: Evaluation of Efficacy of Injectable Iron Sucrose in Management of Adolescent Iron Deficiency Anemia.

Name of the principal investigator: Dr Saubhagya Kumar Jena

Funding agency: ICMR STS Duration - 02 months, start year: 2016

**IEC approval number: T/IM-NF/O & G/16/11**

**PUBLICATIONS:**

1. Mishra TS, Singh S, Jena SK, Mishra P, Mishra L Giant endometrioma of the ovary: a case report. Journal of Endometriosis and Pelvic Pain Disorders 2016; 8(2): 71-74.
2. Mishra SS, Saha A, Mishra P, Jena SK. Lipoleiomyoma of the left broad ligament with dermoid cyst in ipsilateral ovary and synchronous multiple benign lesions of female genital tract: An unusual association. Indian Journal of Pathology and Microbiology. 2016; 59(3): 356-358.
3. Jena SK, Panigrahy R, Mishra L, Das SK, Samal S. Urinary tract infections at first antenatal check-up: a single centre prospective study. Int J Reprod Contracept Obstet Gynecol. 2016 Sept;5(9):3103- 3106.
4. Singh S, Jena SK, Naik M, Ray L, Behera S. Uterine Fibroid (Leiomyoma) with Acute Urinary Retention: A Case Series. Journal of Clinical and Diagnostic Research. 2016 Apr, Vol-10(4): QR01- QR03.
5. Bandyopadhyay, P R Tripathy, K Pushpalatha. Dissecting the question paper. Ind J Community & Family Medicine. Jan-June 2016;1(2):32-34.
6. Singh S, Patra S, Bag ND, Naik M. Primary T-cell lymphoblastic lymphoma of the ovary: A case report. Indian J Med Paediatr Oncol 2017;38(1):81-83.
7. Singh S, Naik M, Behera JC, Mishra P, Nayak M. Atypical leiomyoma of the uterus: case report. Int J Case Rep Images 2016; 7(1): 55-59.
8. Jena SK, Singh S, Nayak M, Das L, Senapati S. Bilateral Simultaneous Tubal Ectopic Pregnancy: A Case Report, review of literature and a proposed management algorithm. J Clin Diagn Res 2016;10(3): QD01-QD 03.

**PATIENT CARE / HOSPITAL SERVICES (1st January to 31st December 2016)**

- **Total number of patients seen in OPD: 24,453**
  1. Obstetrics – 4,639
  2. Gynaecology- 19,814
  
- **Total number of patients seen in Special Clinics:**
  1. Infertility - 941
  2. High Risk Pregnancy- 1,071
  
- **Total number of Ultrasonography done in the department: 4,065**
  1. Obstetrics – 1,975
  2. Gynaecology – 2,090
- **Total number of Colposcopy done in the department: 35**
- **Total number of Intrauterine Devices Inserted: 36(LNG IUS -18)**
- **Total number of Cryosurgery done in the department: 08**
- **Total number of patients admitted in IPD: 1,985**
  1. Obstetrics – 718 (General ward: 554 and Private ward: 164)
  2. Gynaecology- 1,267 (General ward: 1,113 and Private ward: 154)
  
- **Total number of Surgeries performed in Operation Theatre:**
  1. **Major Surgeries -318**

(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 tumor, exploratory laparotomy, myomectomy for fibroid uterus and unilateral salpingo- oophorectomy for large ovarian cyst, Wertheim's hysterectomy etc)
  2. **Minor Surgeries – 465**

(Surgeries like fractional curettage, LEEP, biopsy cervix, dilatation and curettage, examination under anaesthesia, endometrial biopsy, polypectomy and evacuation for incomplete abortion, cervical encircalage etc)
  3. **Laparoscopic Surgeries – 97**

(Surgeries like diagnostic laparoscopy, DHL, laparoscopic ovarian cystectomy, TLH, LAVH, laparoscopic endometriosis surgery, sacrospinous fixation etc)
  
- **Total number of Deliveries: 429**



1. LSCS - 269
2. Vaginal Delivery- 160

## **AWARDS, HONORS & SIGNIFICANT EVENTS**

### **Dr. Saubhagya Kumar Jena**

- Awarded the fellowship of the Indian College of Obstetricians & Gynaecologists (FICOG) on 28th January 2017 during the 60th AICOG at Ahmedabad.
- Awarded the Honorary fellow of the Indian Academy of Obstetricians & Gynaecologists(FIAOG) on 4th December 2016 at Kolkata.
- Certified as RCOG Associate by the Royal College of Obstetricians and Gynaecologists (RCOG) on 4th December 2016.4.
- Chairman of academic committee & organizing committee member of 1st East Zone ISOPARB Conference 2016 held at IMS & SUM Hospital, Bhubaneswar from 29th April to 1st May 2016.
- Received the membership of the International Society of Ultrasound in Obstetrics and Gynecology(ISUOG) in March 2017.
- Participated in the workshop on “Internship log book preparation” on 28th& 29thNovember 2016 at AIIMS Bhubaneswar.
- Conducted the quiz on HIV & AIDS among MBBS students as quiz master on 30th November 2016 at AIIMS Bhubaneswar for World AIDS Day celebration.

### **Dr. Sweta Singh**

- Became RCOG Associate and member of ISUOG (International Society of ultrasound in Obstetrics and Gynaecology).

### **Dr. Pruthwiraj Sethi**

- Awarded FICOG (Fellowship of the Indian College of Obstetrics & Gynecology) during AICOG conference at Ahmedabad on 28th Jan 2017.



## OPHTHALMOLOGY

### FACULTY

Associate Professor

Dr. Sucheta Parija

Assistant Professor

Dr Prafulla K Maharana (11.04.2016-4.11.2016)

### HIGHLIGHTS

- World Glaucoma awareness week was celebrated at Department of Ophthalmology, AIIMS Bhubaneswar from March 12-18, 2017.
- The department of Ophthalmology conducted a patient awareness programme and screening for glaucoma of the relatives of diagnosed glaucoma patients on 16.4.2017.
- Training programme on maintenance of Ophthalmology instruments was conducted for residents and nursing staff on 11th September 2016.

### EDUCATION

- Involved in the undergraduate theory and clinical teaching of M.B.B.S & B.Sc. Nursing students.

### CONFERENCES/CME/WORKSHOP ATTENDED & PAPER PRESENTED

- **Dr Sucheta Parija**
  1. Attended the workshop and delivered a talk on “Astigmatism Management in Cataract Surgery” at Ahmadabad on 10th and 11th April 2016.
  2. Invited as a guest speaker to deliver a talk on “Adjustable Sutures in Strabismus Surgery” at Annual Odisha State Ophthalmological Conference at Bhubaneswar on 10th & 11th December 2017.
  3. Attended the conference on International Perspective in Pediatric Ophthalmology and Strabismus held on 2nd – 4th December 2016 at Jaipur, India and presented two posters in the conference.
  4. Invited to deliver a talk on “Strabismus – Overview” at, JPM Rotary Hospital, Cuttack in January 2017.
  5. Attended the 75th National Conference (AIOS 2017) held at Jaipur in February 2017 to deliver a paper and poster in the conference.



## RESEARCH

### Departmental:

#### *Ongoing :*

Title of the project. Visual Outcome of Patients undergoing Cataract Surgery at AIIMS Bhubaneswar

Name of the principal investigator : Dr. Sucheta Parija Funding agency: Non funded Duration, start year: 2016 IEC approval number: T/IM/NF/Optha/16-15

2. Health seeking Behaviour of patients presenting for Cataract surgery at AIIMS Bhubaneswar.

Name of the principal investigator: Dr. Sucheta Parija IEC approval number:T/IM/NF/Optha/16-16

#### *Completed:*

**Title of the project.** Vision Screening in School going children in rural Odisha Name of the principal investigator: Dr Sucheta Parija

Funding agency :( DBCS, Khurda), Duration- 1 year, start : 2014

**IEC approval number: IEC/AIIMS/2014/0121/01**

## PUBLICATIONS

### Journals

1. Panda BB, ParijaS, Pujahari S, MallickJ :Oculomotor Nerve Palsy as a rare presentation and first sign of Multiple Myeloma. J Clin Diag Res 2016; 10 (5):1-3. 2. Mallick J, Parija S, Panda BB, Pujhari S, Jena S : Mechanical Ptosis in Neurofibromatosis Type1 heralding the Diagnosis of Right Sided Cervical Vagus Nerve Neurofibroma- A Rare Case Report: J Clin Diag Res 2016;10(6):1-3.
3. Parija S, Mallick J. Clinical and Ophthalmological manifestations of Neurofibromatosis type 1: An Overview. International J Ocular Oncology and Oculoplasty 2016; 1(2):80-85.
4. Das SK, Sahoo TK, Parija S, et al. Choroidal Metastasis as initial presentation in adenocarcinoma of Lung : A Case Report. J Clin Diag Res 2017;11(3): 4-6.

## PATIENT CARE / HOSPITAL SERVICES

- The department has rendered OPD services to 144,000 patients from all corners of Odisha and adjoining areas.
- The total number of Major operations performed is 652 and minor surgeries around 110.





- Total Cataract surgeries performed is 640. Phacoemulsification with premier intraocular lenses being around 350 and SICS around 290.
- Other surgeries performed are
  - Pterygium Surgery: 18
  - Dacryocystorhinostomy (DCR):10
  - Strabismus surgery : 3
  - Intravitreal injections: 2
  - Congenital cataracts: 5
  - Lid Reconstruction Surgery :2
  - Trabeculectomy 2
- Diagnostic procedures:
  - Fundus photography:250
  - Fundus Fluorescein Angiography (FFA) : 35
  - Optical Coherence tomography (OCT) :1000
  - Pachymetry:100
  - B-Scan: 200
  - A-scan and Keratometry: 800
  - NCT for IOP: 20,000<sup>□</sup> Applanation tonometry : 100
  - Auto Kerato refractometer: 20,000
- Subspecialty clinics functioning in the afternoon from 2:00-4:00 pm for Pediatric Ophthalmology and Squint, Oculoplasty, Glaucoma and Retina on Monday, Thursday and Friday. Approx. 400 patients have been rendered services in these clinics.
- Around 700 patients have been admitted in the ophthalmology IPD.
- Community services have been rendered in Tangi block and Mendhasala. There is a networking process with the ophthalmic assistant for treatment and referral of the eye patients. Ophthalmic clinic at PHC, Bhusandapur is rendering services for eye patients in that region.

#### **AWARDS, HONORS & SIGNIFICANT EVENTS**

- Dr. Sucheta Parija is the Deputy Editor for the Journal: International Journal of Ocular Oncology and Oculoplasty 2016-2017.



## ORTHOPAEDICS

### FACULTY

Associate Professor  
Assistant Professor

Dr Sujit Kumar Tripathy  
Dr Mantu Jain

### HIGHLIGHTS

- The department is providing care in all disciplines of Orthopaedics including trauma, joint replacement, arthroscopy, oncology, spine and paediatric orthopaedics.
- Complex cases such as revision arthroplasty, scoliotic deformity correction, pelvic osteotomies, tumor excision and limb reconstruction are now regularly seen by the Orthopedic team.
- The bone graft preservation facility at AIIMS Bhubaneswar has brought a new hope for the patients who need revision surgeries.

### EDUCATION

- The orthopedic department provides training and takes regular classes for the MBBS students and Nursing students in the form of clinical teaching and theoretical classes.
- There were regular seminars, case presentations and journal clubs in the department.
- At present nine senior residents are working in the department who are involved in research, education and patient care.

### CONFERENCES/CME/Workshop ATTENDED & LECTURE DELIVERED/ PAPER PRESENTED

- Dr Sujit Kumar Tripathy
  1. Attended AAOS/AAHKS Innovative surgical techniques on partial, total and revision knee arthroplasty: a cadaveric workshop from 12th May 2016 to 15th May 2016 at AAOS OLC, Chicago.
  2. Attended Cadaveric course on Basic and advanced shoulder arthroscopy from 4th June to 5th June 2016 at Bengaluru
  3. Attended S-Rom course on Hip arthroplasty from 6th June to 7th June 2016 at Chennai
  4. Attended SICOT (International Society of Orthopedic Surgery and Traumatology) annual conference from 8th September to 10th September 2016 at Rome and presented a poster titled "Epidemiological profile of osteonecrosis of femoral head in Indian Population"
  5. Attended SICOT (International Society of Orthopedic Surgery and Traumatology) annual conference from 8th September to 10th September 2016 at Rome and presented a poster titled "Nonvascularised fibular grafting in nonunion femoral neck fracture: systematic review"



6. Attended Basic Arthroplasty Course from 15th April to 16th April 2016 at Bhubaneswar and delivered a guest lecture on “Biomechanics of Hip”
7. Attended Basic Arthroplasty Course from 15th April to 16th April 2016 at Bhubaneswar and delivered a guest lecture on “Basic Surgical techniques on THR”
8. Attended Basic Arthroplasty Course from 18th June to 19th June 2016 at Durgapur, West Bengal and delivered a guest lecture on “Biomechanics and Kinematics of TKR”
9. Basic Arthroplasty Course from 18th June to 19th June 2016 at Durgapur, West Bengal and delivered a guest lecture on “Postoperative pain, Hemostasis and utility of drain after TKR”
10. Attended Basic Arthroplasty Course from 18th June to 19th June 2016 at Durgapur, West Bengal and delivered a guest lecture on “Consent and patient preparation for TKR”
11. Attended West Bengal Arthroplasty Society Annual Conference (WBASCON) from 19th Nov to 20th Nov 2016 at Kolkata delivered a guest lecture on “Postoperative Protocol: Antibiotics, Mobilization and dressings”
12. Attended Research Methodology workshop of Indian Orthopaedic Association Annual Conference (IOACON) on 12th December 2016 at Kochi and delivered a lecture on “The ideal way to design a Randomized Controlled Trial”
13. Attended Research Methodology workshop of Indian Orthopaedic Association Annual Conference (IOACON) on 12th December 2016 at Kochi and delivered a lecture on “What makes an excellent manuscript?”
14. Attended Research Methodology workshop of Indian Orthopaedic Association Annual Conference (IOACON) on 12th December 2016 at Kochi and delivered a lecture on “Tips and tricks to get your paper published”
15. Attended Odisha Orthopaedic Annual Conference (OOACON) from 21st January to 22nd January 2017 at Baripada and delivered a lecture on “Hip preservation in osteonecrosis hip: current perspective”
16. Attended Master Course on Total Knee Replacement from 3rd Feb to 5th Feb 2017 at Meril's academy Vapi, Gujarat and delivered a lecture on “Management of painful TKR”
17. Attended “Shoulder updates” on 17th Feb 2017 at KIMS Bhubaneswar and delivered a lecture on “Biomechanics of shoulder”.

● **Dr. Mantu Jain**

1. Attended cadaveric training on 'OPEN SPINE' in March 2017 at CTRF AIIMS New Delhi
2. Attended Cadaveric training on MISS in February 2017 at CTRF AIIMS, New Delhi
3. Attended Ranaw at Orthopedic Conference in January 2017 at Mumbai
4. Attended Cadaveric spine course in September 2016 at Kolkata
5. Attended Trauma workshop on distal Humerus fractures in September 2016 at Bhubaneswar
6. Attended Cadaveric Pelvi-acetabular course in August 2016 at Kolkata

**RESEARCH****Funded Projects:***Ongoing: Dr Sujit Kumar Tripathy*

Title of the project: Association of Vitamin-D Deficiency and knee osteoarthritis in non- 'O' not 380 obese and non-diabetic patients

Name of the principal investigator: Dr Sujit Kumar Tripathy

Funding agency: AIIMS, Bhubaneswar ,Duration, start year: 2 years, 2016 Funds: Rs1.5 lakhs,

**IEC approval number: T/IM-F/Ortho/15/16**

**Departmental:***Ongoing: Dr Sujit Kumar Tripathy*

Title of the project: Efficacy and safety of Epsilon Aminocaproic Acid (EACA) Vs. control in minimizing blood Loss in bilateral Total Knee Arthroplasty (TKA): a double blind randomized controlled trial

Name of the principal investigator: Dr Sujit Kumar Tripathy Duration, start year: 2 years, 2016,

**IEC approval number/IM-NF/Ortho/15/20**

**PUBLICATIONS:**

1. Goyal T, Tripathy SK. "Does Patient Specific Instrumentations improve short-term functional outcomes after total knee replacement? A systematic review and meta-analysis". J Arthroplasty 2016; 2173-2180. <http://dx.doi.org/10.1016/j.arth.2016.03.047>
2. Tripathy SK, Goyal T, Sen RK. Nonvascularised fibular graft for neglected femoral neck fracture or nonunion femoral neck fracture: a systematic review. Indian J Orthop 2016;50(4):345-51. doi: 10.4103/0019-5413.185587.
3. Tripathy SK, Nayak C, Samal B, Mishra P. Eosinophilic granuloma of femoral shaft masquerading as Ewing sarcoma: A case report and review of the literature. International journal of current advanced research. 2017; 6(2):2036-38
4. Jain M, Sahoo J. Intramuscular Cavernous Hemangioma Of Adductor Brevis: A case report. Yuva Jour of Med Sciences 2016; 3(2): 123-126.



## **PATIENT CARE / HOSPITAL SERVICES**

The Orthopaedic department provides outdoor, indoor and surgical facilities to the patients. The department also provides 24-hr emergency services (casualty and emergency trauma surgeries) to the trauma patients. A total of around 40,000 patients were seen in the OPD whereas 500 patients were admitted in the ward for treatment in last year. About 500 major elective surgeries, 500 emergency trauma surgeries and 100 local procedures were performed in the year 2016-17. The department provided state of the art surgery to the patients in the form of joint replacement, tumour excision/ mega prosthesis, spinal fixation, deformity correction, fracture fixations and ligaments repair/arthroscopic procedures. More than 250 total knee and total hip joint replacement surgeries and 60 arthroscopic ligament reconstructions were carried out in last year. A health camp was conducted at Chandaneswar, outskirts area of Odisha and about 150 patients were benefitted with the Orthopaedic service.

## **AWARDS, HONORS & SIGNIFICANT EVENTS**

### **Dr Sujit Kumar Tripathy**

1. Received prestigious 'AAOS International Scholar' award from American Association of Orthopedic Surgeon in 2016.
2. Completed Fellowship on primary and revision knee arthroplasty from 16th May 2016 to 21st May 2016 at New England Baptist Hospital, Boston.
3. Became member of AO Trauma and American Association of Orthopaedic Surgeon (AAOS)
4. Selected as an editorial board member of Indian J Orthopaedics, Journal of contemporary Orthopedic Research., J Minimally Invasive Orthopaedic Surgery, World J Orthopaedics, Peertech journal of Orthopaedics and Rheumatology
5. Selected as a reviewer of Indian Journal of Orthopaedics, International Orthopaedics, World J Orthopaedics and Osteoporosis International



## PATHOLOGY AND LABORATORY MEDICINE

### FACULTY

Additional Professor & Head	Dr Susama Patra
Associate Professor	Dr Pritinanda Mishra
Assistant Professor	Dr Somanath Padhi
Assistant Professor	Dr Suvendu Purkait
Assistant Professor	Dr Gaurav Chhabra
Assistant Professor	Dr Mukund Sable
Assistant Professor	Dr Madhusmita Sethy

### HIGHLIGHTS:

- The Department of Pathology has been strengthened by increase in faculty, senior and junior residents, and other staff members. At present, there are seven faculty members; and the Department started the M.D. course in Pathology in the year 2016 with an intake of two junior residents per session.
- The department has been full fledgedly doing in house histopathology and cytopathology services since 2014; started doing bone marrow aspiration & biopsies in 2016 and since January 2017, the clinical pathology & routine haematology services have been taken over from the outsourcing laboratory.
- The Department conducted its first National CME in November 2016 (on Neuropathology).
- In addition to MBBS and M.D. courses, the department is also involved in the undergraduate teaching in BSc M.L.T and BSc Nursing.
- Till date, ten pathological autopsies have been performed in collaboration with other departments.
- Nerve biopsy and assessment of IDH and ATRX mutation status of glioma samples have been started.
- New equipments such as Penta head microscope, projection microscope, deep freezer (-800C and -200C), Flow cytometer (3 laser and 8 colors), Hemoglobin HPLC, Coagulometer, Urine and ESR analyser, have been procured by the department.

### EDUCATION:

- The department offers MD course in Pathology which was started this year and currently two students are undergoing training in MD Pathology. Since 2012, four batches of MBBS students have successfully passed the 2nd Professional examinations.
- The faculty and residents are actively involved in undergraduate teaching. Integrated



teaching, case based learning, student seminars and symposiums, tutorials, incorporation of OSPE charts; and regular internal assessments have been the mainstay in learning and training. Nearly 100 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 (seminars and journal clubs), interdepartmental clinicopathological conferences (CPCs) with several clinical departments (General Surgery, Oncology, Endocrinology, Neurosurgery, etc).

### CONFERENCES/CME/WORKSHOP ATTENDED & PAPER PRESENTED

- **Dr Susama Patra**

1. Was invited as guest faculty and chaired a session on “EUS-FNA in pancreatic lesions, and EBUS-FNA and molecular diagnostics in lung cancer” at the Association of Indian and North American Pathology (ICP-AIPNA) conference held at Kolkata, in the month of January 2017.
2. Chaired a session on “Solid tumors”, and Dr Suvendu presented a talk on “Epigenetics on Glioma”, and Dr Aditi Kundoo (Junior Resident) presented a poster at the same.

- **Dr Pritinanda Mishra**

1. Presented a poster on “Clinicopathological profile & role of immunohistochemistry in diagnosis of primary lung cancer – a prospective study from Eastern India” at IASLC 17th World conference on Lung Cancer (Dec. 4-7, 2016) / Vienna, Austria.
2. Attended and presented clinicopathological cases on “mesenchymal lung lesions” and “neuroendocrine lesions of lungs”, respectively, at the Head Quarter CME, held at Chatata, Cuttack-February 2017.

- **Dr Suvendu Purkait**

1. Attended as guest faculty at Molecular Pathology conference held at KIIT University, Bhubaneswar.
2. Invited as a guest faculty at IAPM-preconference CME (Jaipur, Rajasthan) and presented a talk on “Granulomatous lesions of the pituitary” - December 2016.
3. Attended annual IAPM conference APCON held at Jaipur, December 2016
4. Attended and presented clinicopathological cases on “mesenchymal lung lesions” and “neuroendocrine lesions of lungs”, respectively, at the Head Quarter CME, held at Chatata, Cuttack-February 2017.



- **Dr Somanath Padhi**

1. Attended and presented Poster on “H Score and extended variables in the diagnosis of hemophagocytic lymphohistiocytosis” at Annual National Conference of Indian Society of Hematology and Blood Transfusion, held on November 2016, at Jaipur, Rajasthan and also Co-Chaired a session on “Key drugs discovery in haematology” at the same.

- **Dr Gaurav Chhabra**

1. Attended and presented a poster on “Role of Biomarkers in Management of Antibiotic Therapy” at Hematocon 2016- Annual National Conference of Indian Society of Hematology and Blood Transfusion, held on November 2016, at Jaipur, Rajasthan.
2. Chaired a scientific Session on Pediatric Hematology at Hematocon 2016 held at Jaipur on 12th November 2016.
3. Attended the National Teachers' Training Course (NTTC) at JIPMER, Puducherry, from 16th to 22nd February 2017.

- **Dr Mukund N Sable**

1. Attended the National Cancer Grid meeting held at Tata Memorial Hospital, Mumbai.
2. Attended annual IAPM-preconference CME (Jaipur, Rajasthan) December 2016.
3. Attended annual IAPM conference APCON held at Jaipur, December 2016

- **Dr Madhusmita Sethy**

1. Attended a workshop on “Systematic Review and Meta-analysis: A Synthetic Approach in Biomedical Research” held on November 3rd to 5th 2016 held at ICMR, Bhubaneswar.
2. Attended the APCON, Odisha State Chapter, in October 2016, held at Rourkela, Odisha.

## RESEARCH

### Funded Projects:

#### *Ongoing:*

- Title of the project: Prevalence of IgG4-RD in multiorgan lymphoproliferative lesions.
- Name of the principal investigator: **Dr Pritinanda Mishra**
- Funding agency: AIIMS, BBSR, Duration: 1 year, Start year: 2016
- Funds: Rs.2, 75,000/-, IEC approval number: T/IM-F/Path/15/13



**Departmental:***Ongoing***Title of the project: Incidence of microsatellite instability in colorectal carcinoma in Eastern Indian population.**

- Name of the principal investigator/Guide: **Dr Susama Patra**
- Funding agency: Non-funded; Duration: 18 months, Start year: 2016
- IEC approval number: IEC/AIIMS BBSR/PG Thesis/2017-18/8.

**Title of the project: Expression of DNA methyl transferase (DNMT) in diffuse large B cell non-Hodgkin lymphoma and its correlation with clinicopathological parameters**

- Name of the principal investigator/Guide: **Dr Pritinanda Mishra**
- Funding agency: Departmental; Duration: 18 months, Start year: 2016;
- IEC approval number: IEC/AIIMS BBSR/PG Thesis/2017-18/5.

**PUBLICATIONS:**

1. Senapati S, Samal SC, Kumar R, Patra S. Necrotizing sialometaplasia: manifestation of a localized unclassified vasculitis. *Indian J Pathol Microbiol* 2016;59(2):232-234.
2. Pradhan S, Sirka CS, Patra S. Genital lepromatous leprosy with bilateral inguinal lymphadenopathy simulating lymphogranuloma venereum; *Leprosy Review*. Accepted for publication 25 April 2016.
3. Bansal S, Mahapatra AK, Patra S. Cystic angiomatous meningioma: a diagnostic dilemma. *Indian J Neurosurg* 2016; 5:106–109.
4. Meher S, Mishra TS, Rath S, Sasmal PK, Mishra P, Patra S. Giant dedifferentiated liposarcoma of small bowel mesentery: a case report. *World J Surg Oncol* 2016;14(1):250.
5. Nayak M, Patra S, Meher S, Sasmal PK. Amelanotic melanoma arising in filarial leg: a report of a rare case. *J Clin Diagn Res*. 2017;11(1):ED07-ED09.
6. Mishra SS, Saha A, Mishra P, Jena SK. Lipoleiomyoma of the left broad ligament with dermoid cyst in ipsilateral ovary and synchronous multiple benign lesions of female genital tract: An unusual association. *Indian J Pathol Microbiol* 2016; 59:355-8.
7. Bansal S, Mahapatra AK, Mishra P. Giant cystic cum solid schwannoma of conus medullaris: a rare case report and review of literature. *Indian J Neurosurg* 2016; 5:63–66.
8. Mishra TS, Singh S, Jena SK, Mishra P, Mishra L. Giant endometrioma of the ovary: a case report. *Journal of Endometriosis and Pelvic Pain Disorders* 2016; 8(2): 71- 74.



### **PATIENT CARE/HOSPITAL SERVICES BY THE DEPARTMENT:**

- **Surgical Pathology:** 4959 biopsies (small biopsies and large specimens).
- **Immunohistochemistry:** Presently more than 120 markers are available in the department. 2363 markers used for 587 cases during last year.
- **Cytopathology:** Total 4655 cases. Fine needle aspiration cytology (blinded and image guided), Body fluid cytology, cell block, and immunocytochemistry.
- **Routine Hematology:** 19933 cases
- **Clinical pathology:** 3679 cases.
- **Bone marrow aspiration:** 148 cases
- **Bone marrow trephine biopsies:** 135 cases

### **AWARDS, HONORS & SIGNIFICANT EVENTS:**

- Dr Susama Patra was awarded the Membership of National Academy of Medical Sciences on 22nd October, 2016.
- The department of Pathology & Lab Medicine organized, Neuropathology CME on 5th November 2016 and around 120 delegates and faculties from all over the region attended the CME.



## PEDIATRICS

### FACULTY

Associate Professor & HOD	Dr Samarendra Mahapatro
Assistant Professor	Dr Rashmi Ranjan Das
Assistant Professor	Dr Amit Kumar Satapathy

### HIGHLIGHTS

- Two permanent faculties joined the department in April & May 2016.
- In last 1 year, more than 1,171 patients have been admitted and treated in the inpatient; around 16,000 patients have been seen in the outpatient department.
- The department is also running specialty clinics in the afternoon like Epilepsy clinic, and Child guidance clinic, and around 20-30 patients per clinic are being seen. The department has conducted various CMEs and workshops in last 1 year.
- How to practice Evidence Based Medicine/Child Health was conducted in April 2016 and almost 60 participants were trained about this.
- Asthma Training Module workshop was conducted in collaboration with IAP Odisha in March 2017 and around 50 participants were trained about management of childhood asthma.
- A CME on Awareness on Thalassemia was conducted in collaboration with Odisha Thalassemia society in July 2016 and around 200 participants (both patients and their parents) had attended this. Paediatricians as Adolescent Ambassadors CME and IAP-ALS Provider course was conducted in December 2016 and many students and faculties benefited from this.
- The faculties have also delivered talks in various national scientific events.

### EDUCATION

#### (A) Undergraduate

- Tutorials are being regularly taken as part of the curriculum. During the hospital posting, the students attend the outpatient as well as inpatient services, where they are trained about interaction with the patients and approach to various clinical cases. At the end of the clinical postings the students are being evaluated for their performances.

#### (B) Staff training

- Faculty members are involved in taking lectures of BSc Nursing students in the hospital.

**CONFERENCES/CME/WORKSHOP ATTENDED & PAPER PRESENTED****● Dr. Samarendra Mahapatro*****As a Speaker/Resource Person/Faculty***

1. As a speaker in Conference on Holistic Management of Persons with Multiple disabilities at Bhubaneswar on 31st August 2016.
2. As a moderator in Understanding Autism in Autism Parent Empowerment workshop on 8th September 2016 at AIIMS, Bhubaneswar.
3. Delivered a talk on “Cardiac arrhythmias in children” on 19th October 2016 in the Odisha state PEDICON 2016, KIMS, Bhubaneswar.
4. Delivered a talk on Apnea in Newborn in East Zone IAP Conference, Kolkata on 13th November 2016.
5. As a faculty in IAP-ALS Provider course conducted at Nursing Auditorium, AIIMS, Bhubaneswar on 3rd and 4th December 2016.
6. Co-ordinated a CME on “Pediatricians as Adolescent Ambassadors” on 11th December 2016 at Nursing Auditorium, AIIMS, Bhubaneswar.

***As a delegate***

1. Two-day short course (workshop) on “How to practice Evidence Based Medicine/Child Health”, AIIMS Bhubaneswar, 19th & 20th April 2016.
2. Participated in Internship log book preparation at AIIMS, Bhubaneswar on 28th & 29th November 2016.
3. As a delegate in Workshop on Research Methodology and Statistic on 1st and 2nd December, 2016 at AIIMS, Bhubaneswar.
4. Participated the CME on Medicolegal aspect of Patient care on 17th January 2017 at AIIMS, Bhubaneswar. 11. As a delegate in “Under-five wheezing” and “Management of childhood asthma” in the ATM (Asthma Training Module) workshop organized at IMA House Bhubaneswar, 5th March 2017.

**● Dr. Rashmi Ranjan Das*****As a Speaker/Resource Person/Faculty***

1. Delivered talks in the two-day short course (workshop) on “How to practice Evidence Based Medicine/Child Health”, AIIMS Bhubaneswar, 19th & 20th April 2016.
2. Delivered a talk on “Neonatal Sepsis” at the East Zone ISOPARB, 1st May 2016, IMS & SUM Hospital, Bhubaneswar.
3. As a faculty taught the newly joined postgraduate students about “Critical appraisal of a Research paper” in the Basic Research Methodology Course for Postgraduate Students in September 2016, AIIMS Bhubaneswar.



4. Delivered a talk on “Hygiene Hypothesis”, and participated in the panel discussion on “Management of Allergic Rhinosinusitis in OPD practice” at the 4th National Annual Conference of Pediatric Allergy Association of India, 9th - 11th September 2016, Puri.
5. Delivered a talk on Recurrent respiratory symptoms, Childhood tuberculosis, and Aerosol delivery and devices in the workshop on “Clearing Pediatric Airways” on 16th October 2016 under the IAP action plan 2015 organized by the IAP, Odisha chapter, Balasore.
6. Delivered a talk on “Chronic cough in children” on 19th October 2016 in the Odisha state PEDICON 2016, KIMS, Bhubaneswar.
7. Chaired a Session on “Duodenal ulcer in children” at the Indian society of gastroenterology (ISG) single theme meeting on duodenal ulcer and Helicobacter pylori” held on 28th January at Bhubaneswar.
8. Delivered talks on “Under-five wheezing” and “Management of childhood asthma” in the ATM (Asthma Training Module) workshop organized at IMA House Bhubaneswar, 5th March 2017.
9. Delivered a talk on “Gender based discrimination of health seeking behaviour” in the CME organized by PCPNDT cell Govt of Odisha and FMT Department AIIMS Bhubaneswar, 7th March 2017.

#### ***As a Delegate***

1. Master trainer program of National TOT for Asthma Training Module (ATM) 2016 (revision) from 11th to 12th June 2016 at New Delhi.
2. IAP-ALS Provider course conducted at Nursing Auditorium, AIIMS, Bhubaneswar on 3rd and 4th December 2016.
3. CME on “Pediatricians as Adolescent Ambassadors” on 11th December 2016 at Nursing Auditorium, AIIMS, Bhubaneswar.
4. CHEST – 2016; Annual conference of the American College of Chest Physicians (ACCP), 22nd – 26th October, Los Angeles, USA
5. RESPICON – 2016; Annual conference of the IAP Respiratory Chapter, 18th – 20th October, New Delhi.
6. PEDICON – 2017; 54th National Conference of the Indian Academy of Pediatrics, 19th – 22nd January 2017, Bengaluru
7. Participated in the CME on medico-legal aspect of patient care on 17th January 2017 at AIIMS, Bhubaneswar.



### Paper presented in the Conference

1. “Efficacy and Safety of *Saccharomyces Boulardii* in Acute Rotavirus Diarrhea: Double Blind Randomized Controlled Trial from a Developing Country” presented in IAP-RCH Young investigator award at PEDICON 2017, Bengaluru.
2. “Bronchial Carcinoid: An unusual cause of recurrent respiratory tract infection in a child” presented in the Annual CHEST Conference on 26th October 2016, Los Angeles, USA.

### ● Dr Amit Kumar Satapathy

#### As a Delegate

1. Participated in the “Workshop on Research Methodology and Statistics” on 1st and 2nd December 2016 at AIIMS, Bhubaneswar.
2. Participated in the IAP-ALS Provider course conducted at Nursing Auditorium, AIIMS, Bhubaneswar on 3rd and 4th December 2016.
3. Attended in a CME on “Pediatricians as Adolescent Ambassadors” on 11th December 2016 at Nursing Auditorium, AIIMS, Bhubaneswar.
4. Attended “Symposium on ethical issues in Pediatric care, nursing and research” Conference held at Bhopal on 8th November 2016.
5. Attended one-day seminar on “Rheumatological disorder in children” organised by department of paediatrics, IMS & SUM Hospital, Bhubaneswar on 3rd July 2017.
6. Attended “Under-five wheezing” and “Management of childhood asthma” in the ATM (Asthma Training Module) workshop organized at IMA House Bhubaneswar on 5th March 2017.

#### As a speaker/faculty

1. Delivered a talk on “Understanding autism” in “Workshop on Parent Empowerment in Autism: Improving Awareness, Ensuring Progress” organised by Child Guidance Clinic, AIIMS Bhubaneswar in collaboration with Dept. of Social Security & Empowerment of Persons with Disabilities, Govt. of Odisha on 8th September 2016.
2. Delivered a talk on “Japanese B encephalitis” organised by state National Medical organisation Odisha at IDCOL Bhawan, Bhubaneswar on 13th November 2016.

### RESEARCH:

#### (A) Funded Projects

##### *Ongoing:*

Title of the project: To develop Acute Respiratory Infection Treatment Units (ATUs) and assess their utility in improving healthcare and research in pneumonia related morbidity and mortality in India



Name of the principal investigator: **Dr Rashmi Ranjan Das**  
Funding agency: AIIMS, New Delhi,  
Duration, start year: 2 years, 2016 Funds: Rs. 28,00,000/-  
**IEC approval number: P/EM/F/Pedia/15/20**

**Completed:**

Title of the project: A Phase III Open label, Randomized, Multicenter, Parallel group trial to assess the efficacy and safety of the arterolane maleate and piperaquine phosphate in comparison with chloroquine phosphate in pediatric patients with uncomplicated *P. vivax* malaria.

Name of the principal investigator: **Dr Rashmi Ranjan Das**  
Funding agency: SUN Pharmaceuticals, Duration, start year: 1 year, 2016 Funds: Rs. 4,87,198/-,  
**IEC approval number: P/EM-F/Pedia/15/4**

**(B) Departmental:**

**Ongoing:**

Title of the project: Prevalence of Metabolic Syndrome in overweight and obese school going children.

Name of the principal investigator: **Dr Rashmi Ranjan Das**  
Funding agency: AIIMS Bhubaneswar Duration, start year: 1 year, 2017 Funds: Rs. 1,50,000/-  
**IEC approval number: P/IM-F/Pedia/15/29**

**PUBLICATIONS:**

**Journals (indexed peer-reviewed)**

1. Mahapatro S, Mahilary N, Das RR, Satapathy AK. Nitazoxanide in Acute Rotavirus Diarrhea—A randomized control trial from a developing country. *J Trop Med.* 2017; 2017:7942515.
2. Sood A , Mitra M, Joshi HA , Nayak US , Siddaiah P, Babu TR, Mahapatro S, Sanmukhani J , Gupta G, Mittal R, Glueck R. Immunogenicity and safety of a novel MMR vaccine (live, freeze-dried) containing the Edmonston-Zagreb measles strain, the Hoshino mumps strain, and the RA 27/3 rubella strain: Results of a randomized, comparative, active controlled phase III clinical trial. *Hum Vaccin Immunother.* 2017;13(7):1523-30.
3. Sankar MJ, Natarajan C, Das RR, Agarwal R, Chandrasekaran A, Paul V. When do newborns die? A systematic review of timing of overall and cause-specific neonatal deaths in developing countries. *J Perinatol.* 2016;36:S1-11.
4. Jain P. Sharma S, Dua T, Barbui C, Das RR, Aneja S. Efficacy and safety of anti- epileptic drugs in patients with active convulsive seizures when no IV access is available: systematic review and meta-analysis. *Epilepsy Res.* 2016;122:47-55.



5. Bhatt GC, Jain S, Das RR. Zinc supplementation as an adjunct to standard therapy in childhood nephrotic syndrome - a systematic review. *World J Clin Pediatr.* 2016;5(4):383-90.
6. Israni A, Dave D, Mandal A, Singh A, Sahi P, Das RR, Shah A. Tubercular meningitis in children: Clinical, pathological and radiological profile and factors associated with mortality. *J Neurosci Rural Pract.* 2016;7(30):400-4.
7. Mishra P, Nayak L, Das RR, Dwibedi B, Singh A. Viral agents causing acute respiratory infections in children under five: a study from Eastern India. *Int J Pediatr.* 2016;2016:7235482.

### **Editor of Books**

1. Hot Topics in Neonatology ISBN:978-81-933009-1-6 [Eds: Mohanty PK, Som T, Mahapatro S, Das RR. Noble Publishers, New Delhi]
2. Pediatric Surgery at a glance for Paediatrician ISBN:978-81-933009-3-0 [Eds:, Mahapatro S, Das RR, Tripathy BB Noble Publishers, New Delhi]

### **Dr Samarendra Mahapatro; Dr Rashmi Ranjan Das; Dr Amit Kumar Satapathy**

#### **Books/Book chapters**

1. PG Text Book of Paediatrics; ISBN:978-81-933009-3-0 [Eds: Gupta P, Menon PSN, Ramji S, Lodha R. Jaypee Publishers, New Delhi]
2. Handbook of Paediatric ECG; ISBN:978-81-906227-7-6 [Eds: Mahapatra A, Mahapatro S, Padhi SS. Noble Publishers, New Delhi]
3. Pediatric Surgery at a glance for Paediatrician; ISBN:978-81-933009-3-0 [Eds: Tripathy BB, Mahapatro S, Das RR..Noble Publishers, New Delhi]
4. Hot Topics in Neonatology; ISBN:978-81-933009-1-6 [Eds: Mohanty PK, Som T, Mahapatro S, Das RR. Noble Publishers, New Delhi]PATIENT CARE / HOSPITAL SERVICES

#### **● Outpatient Services**

General OPD: Average of 70-80 patients per day

Specialty clinics: Epilepsy clinic sees up to an average of 15-20 patients per clinic. Child guidance clinic sees up to an average of 5-10 patients per clinic.

#### **● Indoor services**

More than 1171 children have been admitted and treated in the inpatient. Many children are getting treatment from the emergency services also.





## AWARDS, HONORS & SIGNIFICANT EVENTS

### Dr. Rashmi Ranjan Das

- Got Runners up in the IAP-RCH Young investigator award at PEDICON 2017, Bengaluru.
- Felicitated on 9th March 2017 by the Tarini group of intuitions, Kendrapara district Odisha for significant contribution to healthcare in the area.
- Got scroll and certificate and formally admitted as a fellow to the American College of Chest Physicians in the annual CHEST conference 2016, at Los Angeles, USA.
- Become part of the Global SPRING (Strengthening Publications Reporting Infection in Newborns Globally) Group and contributed to the STROBE-NI (Strengthening the Reporting of Observational Studies in Epidemiology for Newborn Infection) Study that got published in The Lancet Infectious Disease Journal [Citation: Fitchett EJ, Seale AC, Vergnano S, et al; SPRING (Strengthening Publications Reporting Infection in Newborns Globally) Group. Strengthening the Reporting of Observational Studies in Epidemiology for Newborn Infection (STROBE-NI): an extension of the STROBE statement for neonatal infection research. Lancet Infect Dis. 2016;16(10):e202-13]
- Selected for Master Trainer Course for Training of Pediatric Specialists in Asthma (Asthma Training Module) by IAP Respiratory chapter, June 2016.



## PEDIATRIC SURGERY

### FACULTY

Additional Professor & Head	Dr Manoj Kumar Mohanty
Associate Professor	Dr Bikasha Bihari Tripathy
Associate Professor	Dr Akash Bihari Pati
Assistant Professor	Dr Santosh Kumar Mahalik

### HIGHLIGHTS

The department has started doing neonatal surgery with neonatology back up. The neonates are being admitted in neonatal ICU and post operatively taken care by our expert neonatologist. With this approach, we have successfully operated a preterm baby weighing 900mg with malrotation, a case of esophageal atresia weighing 1.7kg, congenital diaphragmatic hernia with 2kg and many other cases of anorectal malformations.

The department successfully conducted the 2nd quarterly CME of Odisha Pediatric Surgeons Association in July 2016.

The department started pediatric rigid bronchoscopy and foreign body removal from airway in the month of August 2016. We are the first pediatric surgeons to offer rigid bronchoscopy in this state.

### EDUCATION

All the faculty members of the Department are involved in teaching-learning activities and evaluation process of MBBS, and B. Sc. (Hons.) Nursing students.

### CONFERENCES/CME/Workshop ATTENDED & PAPER PRESENTED

#### ● Dr. Manoj Mohanty

1. Attended Masterclass in Pediatric Surgical Oncology, held at JIPMER, Puducherry in February 2016
2. Attended Basic Simulation Course held at AIIMS Bhubaneswar in April 2016.
3. Attended the workshop on Research methodology and publication held at AIIMS Bhubaneswar December 2016.
4. Attended Good Clinical (research) Practice (GCP) training held at AIIMS Bhubaneswar in July 2017.



- **Dr. Bikasha Bihary Tripathy**

1. Attended PESI-IAPS conference held at Vishakhapatnam in February 2017. He presented a paper on “Wondering abdominal mass in a female new born baby”
2. Attended the 3rd quarterly CME of Odisha Pediatric Surgeons Association and presented a paper on rare cause of inguinal hernia in September 2016.
3. Attended Basic Simulation Course held at AIIMS Bhubaneswar in April 2016.
4. Attended the workshop on Research methodology and publication held at AIIMS Bhubaneswar in December 2016.
5. Attended Good Clinical (research) Practice (GCP) training held at AIIMS Bhubaneswar in July 2017.

- **Dr Akash Bihari Pati**

1. Attended PESI-IAPS conference held at Vishakhapatnam in February 2017. He presented a paper on “single port laparoscopic appendectomy – a case series”
2. Attended the workshop on Research methodology and publication held at AIIMS Bhubaneswar in December 2016.

- **Dr Santosh Kumar Mahalik**

1. Attended Masterclass in Pediatric Surgical Oncology, held at JIPMER, Puducherry in February 2017. He presented a difficult case of “yolk sac tumor of vagina in a new born”
2. Attended the 1st quarterly CME of Odisha Pediatric Surgeons Association in April 2016 and presented a paper on “Single system ectopic congenital giant megaureter associated with ipsilateral multicystic dysplastic kidney: a rare form of CAKUT”.
3. Attended the 2nd quarterly CME of Odisha Pediatric Surgeons Association in July 2016 and presented a paper on “Segmental Dilatation of Ileum in a child with Juvenile Idiopathic Arthritis: Localized Myopathy as a possible etiology”
4. Attended the 4th quarterly CME of Odisha Pediatric Surgeons Association in January 2017 and presented a paper on “pain abdomen – a journey between two states”
5. Attended Basic Simulation Course held at AIIMS Bhubaneswar in April 2016.
6. Attended the workshop on Research methodology and publication held at AIIMS Bhubaneswar in December 2016.
7. Attended Good Clinical (research) Practice (GCP) training held at AIIMS Bhubaneswar in July 2017.



### **PATIENT CARE / HOSPITAL SERVICES**

- The department is performing neonatal surgery like esophageal atresia with tracheo-esophageal fistula, congenital diaphragmatic hernia, inguinal hernia malrotation & colostomy for anorectal malformation. Major abdominal surgeries like choledochal cyst excision and roux-en-y hepaticojejunostomy, Kasai's portoenterostomy for biliary atresia in infants, staged closure for exstrophy bladder with osteotomy, radical nephroureterectomy for wilms tumor, oophorectomy for mucinous cystadenoma of ovary, PSARP for male and female ARM are being conducted.
- The department also provides conventional and thoracoscopic surgical services like lobectomy for congenital lobar emphysema, decortication for empyema, thoracoscopic decortication for empyema thoracis, thoracoscopic plication of left side eventration of diaphragm. The following laparoscopic surgery like cholecystectomy, nephroureterectomy, appendectomy in complicated appendicitis, single port laparoscopic appendectomy, simple hepatic cyst excision, removal of hepatic hydatid cyst, simple renal cyst excision, oophorectomy for benign ovarian teratoma, removal of ovarian cystadenoma in an infant. The department started pediatric rigid bronchoscopy and foreign body removal from airway.

### **AWARDS, HONORS & SIGNIFICANT EVENTS**

- The department successfully conducted the 2nd quarterly CME of Odisha Pediatric Surgeons Association in July 2016.



## PHARMACOLOGY

### FACULTY

Professor & Head	Dr. Debasish Hota
Associate Professor	Dr. Rituparna Maiti
Assistant Professor	Dr. Biswa Mohan Padhy
Assistant Professor	Dr. Anand Srinivasan
Assistant Professor	Dr. Monalisa Jena
Assistant Professor	Dr. Bikash Ranjan Meher

### HIGHLIGHTS

- The Department of Pharmacology became officially functional from 20th April 2013. The dept. is presently involved in postgraduate (MD), undergraduate (MBBS) and B.Sc. (Nursing) teaching and clinical research. All the 6 faculty members actively participated in teaching theory, practical and tutorial classes. The department had adopted the modern practical Pharmacology training methodology that includes computer assisted learning to replace animal experiments. Emphasis was given to applied and clinical pharmacology, which has direct bearing on patient care. Students were sensitized and encouraged to get involved in research. Research projects have been completed under ICMR Short Term Studentship (STS) Program and presently another five research projects are going on. We are going to soon start a Therapeutic Drug Monitoring unit, Pharmacovigilance unit and drug information unit in the department.

### EDUCATION

- At present department is involved in postgraduate (MD), undergraduate (MBBS) and B.Sc. (Nursing) teaching only. All theory, practical and tutorial classes are going on according to schedule. The teaching curriculum of Dept. of Pharmacology, AIIMS, New Delhi is followed here with special importance in clinical pharmacology and therapeutics. Students were 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 & PAPER PRESENTED

- **Dr. Debasish Hota**
  1. 8th National Conference of ISRPTCON-2017 held from 9-11 Feb 2017 at Raigarh, Chhatisgarh. "Presented a paper Responsible use of Antibiotics".



2. 49th Conference of Indian Pharmacological Society (ISPCON): at PGIMER, Chandigarh from 20th Oct 2016 to 23rd Oct 2016. Presented a paper “Research in Resource deficient environment”.
3. 36th National Workshop on Clinical Pharmacology and Therapeutics-2017 (NWCPT-2017) from 6th to 8th March 2017 at PGIMER, Chandigarh. Presented a topic “Good Documentation Practice”.
4. 16th World Congress of Pain of the International Association for the Study of Pain (IASP) at Yokohama, Japan, 25-30 September 2016. Presented Poster entitled “Randomised, Double-Blind, Cross-Over Trial Comparing Efficacy and Safety of Combined Fixed Dose Amitriptyline plus Pregabalin vs. Amitriptyline Alone in Painful Diabetic Neuropathy”.

● **Dr. Rituparna Maiti**

1. Participated in Workshop on Multivariable analysis by STATA at IIPH, New Delhi on 4th – 8th April 2016.
2. Participated in Workshop on Application of Clinical Pharmacokinetics at JIPMER, Puducherry on 19-20th August 2016.
3. Attended 56th Annual Conference of NAMS (NAMSCON 2016) at AIIMS, Raipur on 21st -23rd October 2016 and received the award of membership of the National Academy of Medical Sciences (MAMS).
4. The paper titled “Effect of Oxcarbazepine on Serum Brain Derived Neurotrophic Factor in Bipolar Mania” was presented at NAMSCON 2016 at AIIMS, Raipur.
5. Participated in Workshop on HPLC at SIES Institute of Chromatography and Spectroscopy, Navi Mumbai on February 21st-23rd, 2017.

● **Dr. Biswa Mohan Padhy**

1. Participated in 49th Conference of Indian Pharmacological Society (ISPCON): at PGIMER, Chandigarh from 20th-23rd Oct 2016. Was one of the judges for the poster presentation session.
2. Presented invited lecture on “Study designs in clinical research” in the Workshop on Protocol designing in health research: hands on training on 25th Oct 2016 at MKCG Medical College, Berhampur, Odisha
3. Participated in Workshop on HPLC at SIES Institute of Chromatography and Spectroscopy, Navi Mumbai from 21st-23rd February, 2017.

● **Dr Bikash Ranjan Meher**

1. Participated in CME on Hemovigilance at AIIMS, Bhubaneswar on 26th April, 2016



2. Participated in workshop on scientific writing at AIIMS, Bhubaneswar from 3rd-4th December, 2016
3. Participated in 36th National Workshop on Clinical Pharmacology and Therapeutics (NWCPT-2017) at PGIMER, Chandigarh from 6th-10th March, 2017

● **Dr Monalisa Jena**

1. Participated in 1st AIAAROCON (All India Association for Advancing Research in Obesity) Odisha (Diabesity) on 17th April 2016 at Hotel New Marion, BBSR
2. Participated in CME on Hemovigilance on 26th April 2016 AIIMS, BBSR
3. Participated in CME on Infectious Diseases in Dermatology on 29th May 2016 AIIMS, BBSR
4. Participated in Workshop on Scientific writing on 3rd – 4th Dec 2016 at AIIMS, BBSR
5. Participated in 26th Annual Conference of IPS-OSB with a pre-conference workshop on “Protocol designing in health research: hands on training” on 25th November on 25th to 27th November 2016 at M.K.C.G. Medical College, Berhampur
6. Participated in Medico legal negligence CME on 17th January 2017 at AIIMS, BBSR
7. Participated in Apollo Sugar Endocrinology and Diabetes Update, 2017 on 12th Feb at Mayfair convention, BBSR
8. Participated in 36th National workshop on clinical pharmacology and therapeutics (NWCPT, 2017) on 6th – 10th March 2017 at PGIMER, Chandigarh

● **Dr. Anand Srinivasan**

1. Delivered a lecture about simulation in R at Nellore in National Conference in Basic and Clinical Pharmacology during August 2016.
2. Delivered a lecture on PK – PD at PGIMER Chandigarh at IPSCON in October 2016.
3. Delivered a lecture on clinical trial simulations in Patna in February 2017.
4. Participated in Workshop on HPLC at SIES Institute of Chromatography and Spectroscopy, Navi Mumbai from 21st-23rd February, 2017
5. Delivered a lecture on simulations in clinical studies in Chandigarh for NWCPT 2017 in March 2017 (6th-10th March, 2017)

## RESEARCH

### Funded Projects

#### *Ongoing:*

1. Name of the principal investigator: **Dr. Debasish Hota**



Title of the project. Clinical evaluation of fenugreek seed extract, a nutraceutical in patients with type 2 diabetes: An add-on study

Funding agency: Chemical Resources Duration: 2 years, start year: January 2016 Funds: Rs.7.5 Lakhs

**IEC approval number: T/EM-F/Pharm/14/05**

2. Name of the principal investigator: **Dr. Rituparna Maiti**

Title of the project. Effect of levothyroxine on serum adiponectin, insulin resistance and cardiovascular risk in patients with hypothyroidism.

Funding agency: ICMR. Duration, start year: January 2017 Funds: Rs.8.06 Lakhs

**IEC approval number: T/EM-F/Pharm/14/03**

### **Departmental**

#### *Ongoing:*

Name of the principal investigator: **Dr. Debasish Hota**

1. Title of the project: Preemptive Tapentadol on post-operative analgesia following total knee arthroplasty: A randomized, double-blind, placebo controlled trial

Funding agency: Non-funded: Duration: 1 years, start year: January 2017

**IEC approval number: T/IM-F/Pharma/02/17**

Name of the principal investigator: **Dr. Rituparna Maiti**

1. Title of the project. Effect of antipsychotic drugs on serum melatonin in patients with schizophrenia

Funding agency: Intramural grant, Duration: 1 years, start year: January 2017 Funds: Rs.3 Lakhs

**IEC approval number: T/IM-F/Pharm/15/04**

2. Title of the project. Effect of add-on Ramelteon therapy on sleep and circadian rhythm disruption in patients with schizophrenia

Funding agency: Non-funded, Duration: 1 years, start year: March 2017

**IEC approval number: T/IM-NF/Pharma/01/17**

Name of the principal investigator: **Dr. Biswa Mohan Padhy**

1. Evaluation of changes in lipid profile, adipokines and hs-CRP in diabetic patients on metformin based oral antidiabetic therapy.

Funding agency: Intramural grant, Duration: 1 years, start year: January 2017 Funds: Rs.3.30 Lakhs

**IEC approval number: T/IM-F/Pharm/15/06**



**Completed:**

Name of the principal investigator: **Dr. Rituparna Maiti**

Title of the project. Effect of carbamazepine and oxcarbazepine on serum neuron-specific enolase in focal seizures

Funding agency: Non-funded, Duration: 1 years, Completed on: December 2016

**IEC approval number: T/IM-NF/Pharma/15/30**

Name of the principal investigator: **Dr. Biswa Mohan Padhy**

Title of the project. Evaluation of clinical, biochemical and psychological parameters in patients of polycystic ovarian syndrome undergoing treatment with conventional therapies

Funding agency: Non-funded, Duration: 1 year, Completed on: September 2016

**IEC approval number: T/IM-F/Pharm/15/1**

**PUBLICATIONS: Departmental consolidated list**

1. Hota D., Srinivasan A. Dutta P. Bhansali A. Chakrabarti A. (2016) Off-Label, Low- Dose Naltrexone for Refractory Painful Diabetic Neuropathy Pain. *Med*.17:790.
2. Mishra BR, Maiti R, Nizamie SH. Cerebral Hemodynamics With rTMS in Alcohol Dependence: A Randomized, Sham-Controlled Study. *J Neuropsychiatry Clin Neurosci*. 2016; appineuropsych15110381. PMID: 27056019.
3. Mukherjee S, Maiti R. Haemovigilance: A Current Update in Indian Perspective. *J Clin Diagn Res*. 2016; 10(11):EE05-EE09. PMID: 28050389
4. Mohapatra D, Mishra BR, Maiti R, Das S. Escitalopram in disorder of laughter and crying with predominant laughter incontinence. *J Basic Clin Physiol Pharmacol*. 2017; 28(1):89-90. PMID: 27987363.
5. Parida S, Swain TR, Routray SN, Maiti R. Effect of Atorvastatin on Glycaemic Parameters in Normoglycaemic and Prediabetic Subjects: A Prospective, Panel Study. *J Clin Diagn Res*. 2017; 11(2):FC04-FC09. PMID: 28384881
6. Maiti R, Mishra BR, Hota D. Effect of High-Frequency Transcranial Magnetic Stimulation on Craving in Substance Use Disorder: A Meta-Analysis. *J Neuropsychiatry Clin Neurosci*. 2017; 29(2):160-171. PMID: 27707195.
7. Rai S, Mishra BR, Sarkar S, Praharaj SK, Das S, Maiti R, Agrawal N, Nizami SH. Higher Impulsivity and HIV-Risk Taking Behaviour in Males with Alcohol Dependence Compared to Bipolar Mania: A Pilot Study. *Community Ment Health J*. 2017. doi: 10.1007/s10597-017-0139-2. [Epub ahead of print] PMID: 28456858.
8. Maiti R, Mishra BR, Jowhar J, Mohapatra D, Parida S, Bisoi D. Effect of Oxcarbazepine on Serum



- Brain Derived Neurotrophic Factor in Bipolar Mania: An Exploratory Study. Clin Psychopharmacol Neurosci. 2017; 15(2):170-176. PMID: 28449565.
9. Kumar R, Goyal A, Padhy BM, Gupta YK. Self-medication practice and factors influencing it among medical and paramedical students in India: A two-period comparative cross-sectional study. J Nat Sci Biol Med. 2016;7:143-8. PMID: 27433064
10. Kumar M, Tripathi CD, Verma V, Padhy BM, Meshram GG, Abhilash B. Predictive Validity of Some Common Animal Models of Bipolar Disorder Using Lithium and Lamotrigine Therapy: An Attempt towards a Battery-Based Approach for the Evaluation of Mood Stabilizers. Psychiatry Investig. 2016; 13:434-9. PMID: 27482245

### **AWARDS, HONORS & SIGNIFICANT EVENTS**

- Dr. Rituparna Maiti received the award of membership of the National Academy of Medical Sciences (MAMS).



## PHYSICAL MEDICINE AND REHABILITATION

### FACULTY

Associate Professor : Dr Jagannatha Sahoo  
Assistant Professor : Dr Apurba Barman

### EDUCATION

All the faculty members of the Department are involved in teaching-learning activities and evaluation process of MBBS.

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

- **Dr. Jagannatha Sahoo**
  1. Participated as delegate on Trauma update with hands on workshop on 29th May 2016 at Cuttack
  2. Participated in symposium on injury around elbow joint on 10th July 2016.
  3. Got certificate of training on pain medicine organised by Dr Ganga Bai Memorial pain medicine & musculoskeletal ultrasound cadaver course -2016 on 20th August 2016 to 21st August 2016 held at AIIMS, New Delhi.
  4. Chaired session in specialized therapy in autism on 8th September 2016 at AIIMS, Bhubaneswar organized by department of Psychiatry.
  5. Successfully completed fellowship in Illizarov on 14th Nov.2016 to 20th Nov 2016 at Sholapur, Maharashtra.
  6. Participated in faculty development programme about research methodology and statistics at AIIMS, Bhubaneswar from 1st December to 2nd December.
  7. Participated as delegate in Indian orthopaedics association conference-2016 at Kochi from 14th Dec 2016 to 20th Dec 2017.
  8. Participated in 8th annual Parekh Indo-US foot and Ankle Conference from 06.01.2013 to 08.01.2017 at Chennai.
  9. Participated in CME on medicolegal aspects of patients care on 17th January 2017 organised by department of FMT at AIIMS Bhubaneswar.
  10. Attended Indian association of Physical Medicine and Rehabilitation conference ( IAPMRCON) -2017 at Kolkata from 20/01/2017 to 22/01/2017. And presented two papers in the conference. (1. Lateral wedge osteotomy in cubits Varus deformity and 2. Rehabilitation surgery – A new horizon).
  11. Participated in faculty development programme about scientific writing at AIIMS, Bhubaneswar from 7th February to 8th February 2017.



12. Invited speaker for PG training programme for orthopaedic student in East zone PG orientation programme at S.C.B. Medical College and Hospital, Cuttack. (Orthosis in Lower Limb).

● **Dr. Apurba Barman**

1. Successfully completed the Certificate Course and hands on Workshop (Basic & Advanced training) on “Regenerative Medicine (Prolotherapy) in Musculoskeletal Rehabilitation” held in Bangalore, from 7-11th September 2016.
2. As a participant in the CME Program on “Going about research in Physical Medicine & Rehabilitation” in IAPMR National Midterm CME 2016 organized by IAPMR in Lucknow on 30th September 2016 and delivered two lectures as a guest speaker on “Interpretation of NCV and EMG” & “Physiatric approach to upper limb neuropathies/ injuries, including Brachial Plexopathy” on 1-2nd October, 2016.
3. Participated in the “Workshop Scientific Writing” organized by Research Cell, AIIMS, Bhubaneswar on 4th December 2017.
4. Participated in the CME on Medicolegal aspects of patient care organized by Department of Forensic Medicine & Toxicology, AIIMS, Bhubaneswar on 17th January 2017.
5. Participated in the Workshop on “Fluoroscopic Guided Chronic Pain Procedures on Cadaver” & “USG Guided Chronic Pain Procedures” in the Annual National Conference Indian Society for the study of Pain organized by ISSP in Jaipur on 3rd- 5th February, 2017.
6. Successfully completed the Fellowship on Pain Management in recognition of active participation & successful completion of the CME programme on pain from 6-17th March 2017 at Daradia, the Pain Clinic, Calcutta organized by Aesculap Academy.

## RESEARCH

### Funded Projects:

#### *Ongoing :*

Title of the project: “Role of intra-articular Platelet-Rich Plasma and Methyl Prednisolone acetate injections in Adhesive Capsulitis”

Name of the principal investigator: **Dr Apurba Barman**

Funding agency: Intramural (AIIMS)

Duration, start year: February, 2017, Funds: Rs. 2 Lakh only

**IEC approval number: T/IM-F/PMR/15/24**

### Departmental (Non Funded Projects):



*Ongoing :*

Name of the principal investigator: **Dr Apurba Barman**

Title of the project: "Evaluation of hearing loss in patients with Ankylosing Spondylitis"

Name of the principal investigator: Dr Apurba Barman Duration, start year: 1 year, February, 2017

**IEC approval number: T/IM-NF/PMR/16/23**

**PUBLICATIONS:**

● **Journal**

1. Jain M., Sahoo J Intramuscular cavernous haemangioma of the adductor Brevis-A case report. YUVA journal of Medical science. vol2, no-3, September 2016 pg-123-126"
2. Barman A, Chatterjee A, Bhide R. Cognitive impairment and rehabilitation strategies after traumatic brain injury. Indian J Psychol Med 2016;38:172-81
3. Barman A, Sinha MK, Rao PB. Discovertebral (Andersson) lesion of the Ankylosing Spondylitis, a cause of autonomic dysreflexia in spinal cord injury. Spinal cord series and cases. 2016;2:16008. doi:10.1038/scsandc.2016.8.

● **Book**

1. Author of three chapters in Book "St John's hand book of Rehabilitation". Worked as an assistant editor of the same Book "St John's hand book of Rehabilitation".

**PATIENT CARE / HOSPITAL SERVICES**

Total number of patients seen in OPD: 19,911 Total indoor patients: 228

Major Surgeries:136 Minor Surgeries: 28

Fluoroscopic guided Pain intervention: 35 Botox injection: 27

Total Contact Casting: 17 Prolotherapy: 27

Physiotherapy Section : (Total Number of Patients): 13527

**SIGNIFICANT EVENTS**

**Dr Jagannatha Sahoo**

- 1) Invited speaker for PG training programme for orthopaedic student in East zone PG orientation programme at S.C.B. Medical College and Hospital, Cuttack. (Orthosis in Lower Limb).
- 2) Appointed as PMR examiner by Utkal university.
- 3) Attended surgical camp at Baripada, Mayurbhanj, Odisha on last week of October 2016 for



free surgical camp in association with Swami Vivekananda National Institute of Rehabilitation Training And Research (SVNIRTAR) under Ministry of SJ&E.

- 4) Appointed as External examiner for PG students of PMR at Patna medical college, Bihar on 20th June 2017

### **Dr Apurba Barman**

Worked as an assistant editor of the Book “St John's hand book of Rehabilitation”.



## PHYSIOLOGY

### FACULTY

Professor & Head	Dr. Sushil Chandra Mahapatra
Additional Professor	Dr. Pranati Nanda
Associate Professor	Dr. Manisha Kar
Associate Professor	Dr. B. N. Rao
Associate Professor	Dr. Priyadarshini Mishra
Assistant Professor	Dr. Amit Ghosh
Assistant Professor	Dr. Manish Goyal
Assistant Professor	Dr. Kalpana Barhwal
Assistant Professor	Dr. Nibedita Priyadarsini

### HIGHLIGHTS

- The postgraduate training programme started in January 2017, when two MD students joined department. The faculty are also involved in undergraduate i.e. MBBS, BSc(Nursing) & BSc(MLT) teaching.
- Faculty members are actively engaged in various extramural and intramural research projects. Various funding agencies namely ICMR, DST, CSIR, National Tea Research Foundation have shown reliance to the departmental faculty members in execution of several projects. Undergraduate students also undertake various STS projects sponsored by ICMR under the guidance of faculty members.
- The department also provides health-care services. New services introduced in 2016-2017 are Pulmonary Function tests (PFT), Autonomic Function Test (AFT) for OPD referral cases. Besides it, existing services include Electroencephalography (EEG) in collaboration with Department of Neurology and Psychiatry.
- The faculty members also provide their service in Pain and Palliative Clinic in collaboration with Department of Anaesthesiology.

### EDUCATION

- 100 undergraduate students (MBBS) were admitted for the academic year 2016- 2017, through All India Common Entrance Examination, conducted by AIIMS, New Delhi. Regular Physiology theory as well as practical classes started with effect from 01 Aug 2016.
- All the faculty members of the Department of Physiology are involved in teaching- learning



activities and evaluation process of MBBS, B. Sc. (Hons.) Nursing and B. Sc. (Hons.) Paramedical students.

- Two P.G students were admitted in the January session of academic year 2017 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

- **Dr. S C Mahapatra**

1. Attended 5th Biennial Conference of South Asian Association of Physiological Societies (SAAPCON 2016) from 10.11.2016 to 13.11.2016 at Kathmandu (Nepal).

- **Dr. Pranati Nanda**

1. Attended workshop from 1-2 December, 2016 at AIIMS, Bhubaneswar on “Research Methodology and Statistics”.

- **Dr. Manisha Kar**

1. Attended International Conference from 23-25 Jan 2017 at New Delhi on “Reproductive Health: ISSRF 2017”.
2. Attended workshop from 19-20 April, 2016 at AIIMS, Bhubaneswar on “How to practice Evidence Based Medicine”.
3. Attended workshop from 28-29 November, 2016 at AIIMS, Bhubaneswar on “Internship logbook preparation”.
4. Attended workshop from 1-2 December, 2016 at AIIMS, Bhubaneswar on “Research Methodology and Statistics”.

- **Dr. B N Rao**

1. Attended workshop from 07.02.2017 to 08.02.2017 at AIIMS Bhubaneswar on “Scientific writing”.

- **Dr. Priyadarshini Mishra**

1. Completed National Sleep Medicine Course from 2-4 December 2016 at Himalayan Institute of Medical Sciences Dehradun.
2. Completed Certificate Course in Essentials of Palliative Care from IAPC in Jan 2017, AIIMS Bhubaneswar.





3. Attended workshop from 07.02.2017 to 08.02.2017 at AIIMS Bhubaneswar on “Scientific writing”.

● **Dr. Amit Ghosh**

1. Attended as Moderator in the session: Specialized therapy in Autism in Autism Parent empowerment workshop held on 8th September 2016 at AIIMS Bhubaneswar.
2. Attended in “National symposium and workshop on quantitative proteomics” held on 6th March, 2016 at ILS, Bhubaneswar.

● **Dr. Manish Goyal**

1. Attended World Congress of Chrono medicine 2016 from 5th to 6th October 2016, organized by Indian Society of Chronomedicine held at King George's Medical University, Lucknow, UP, India.

● **Dr. Kalpana Barhwal**

1. Attended workshop from 1-2 December, 2016 at AIIMS, Bhubaneswar on “Research Methodology and Statistics”.

● **Dr. Nibedita Priyadarsini**

1. Attended National Conference on “Ethics and medicolegal issues” in 12 Nov 2016 held at IMS & SUM Hospital, Bhubaneswar.
2. Completed certificate course on palliative care from IAPC in Jan 2017, AIIMS, Bhubaneswar.
3. Attended workshop on lymphoedema in Mar 2017 held at AIIMS, Bhubaneswar.

## RESEARCH

### 1. Funded projects. (During 2016-17)

*Ongoing:*

**Dr. Amit Ghosh**

Title of the project: “Dynamics of the microRNA expression profile in human milk exosome during lactation”.

Name of the funding agency: Indian Council of Medical Research Duration, start year: 03 years, April, 2017

Funds: Total cost. Rs. 24,66,950.

**IEC approval No: IEC/AIIMS/2014/02/07/07**



Title of the project. "Study the regulation of cancer associated microRNA in different cancer cells by green tea polyphenols"

Name of the funding agency. National Tea Research Foundation Duration, start year. 03 years, April, 2017

Funds: Total cost. Rs. 35,02,740.

**IEC approval No: T/EM-F/Physio/15/08**

#### **Dr. Manisha Kar**

1. Title of the project: A multiparametric approach to assess early onset of arterial stiffness in apparently healthy individuals

Funding agency: Intramural Duration, start year: 01 year, 2017. Funds: Rs.4,00,000/-

**IEC approval number: IMF/06/2016**

#### **Dr. Kalpana Barhwal**

1. Title of the project: "Investigating the role of neddylation in neuroglobin mediated hypoxic neuroprotection and implications for augmenting neuronal survival in hypoxia".

Funding agency: Department of Science & Technology (DST) Duration, start year: 03 years, 2017

Funds: Rs. 11,00,000/-

**IEC approval number: IEC No. T/EM-F/Physio/16/08**

2. Departmental projects (including thesis/dissertations).

Ongoing:

#### **Dr. Pranati Nanda**

Title of the project. To study the contribution of personality traits to Resting Blood Pressure in apparently healthy young adults in an educational set-up Funding agency: Non Funded.

Duration, Start year: 2016,

**IEC approval number: T/IM-NF/Physio/15/34**

#### **Dr. Manisha Kar**

Title of the project: Current trends in gender distribution, speciality preference, and preferred destination of work across India and its implication and its implication on future healthcare delivery system.

Funding agency: Non funded. Duration, start year: 2014

**IEC approval number: P/IM-NF/Physio/13/02**

**Completed:****Dr. Pranati Nanda**

Title of the project: A study of differential patterns of micronuclei frequency attributable to oral tobacco use in a dental clinic setting in Bhubaneswar.

Funding agency: Non Funded Duration, start year: 02 years, 2014.

**IEC approval number: IEC/AIIMS/2014/01/22/02**

**Dr. Manisha Kar**

Title of the project: Perception of students of the educational environment during different phases of Medical Education at AIIMS BBSR during initial four years of its existence.

Funding agency: \_ Non funded. Duration, start year: 04 years, 2014

**IEC approval number: P/IM-NF/Physio/13/01**

**3. Collaborative projects:**

*Ongoing:*

**Dr. Pranati Nanda**

Title of the project: Study of the effect of low frequency noise on human EEG signal before and after active control.

Funding agency: CSIR

Duration, start year: 5 years, 2014 Funds: Rs. 25 lakh.

**IEC approval number: T/EM-F/Physio/14/09**

**Dr. Manish Goyal**

Title of the Project: Compressed sensing-based Fetal ECG (FECG) monitoring for point-of-care applications.

Funding Agency: MHRD, Dept. Of Higher Education, NMEICT, New Delhi. Duration, start Year: 3 years, 01.04.2015.

Funds: Rs. 26,76,00/-

**IEC approval number: T/EM-F/Physio/15/16**

**PUBLICATION: DEPARTMENTAL CONSOLIDATED LIST****Journals**

1. Satapathy S, Das N, Bandyopadhyay D, Mahapatra SC, Sahu DS, Meda M. Effect of Tulsi (*Ocimum sanctum* Linn.) Supplementation on Metabolic Parameters and Liver Enzymes in Young Overweight and Obese Subjects. *Ind J Clin Biochem* 2016. doi: 10.1007/s12291-016-0615-4



2. Pradhan G, Podder S, Mahapatra SC. Effect of petroleum ether extract of *Cedrus deodara* on body weight in diabetic rats. *Ind J Clin Exp Physiol* 2016; 3:140-143.
3. Podder S, Pradhan G, Mahapatra SC. Evaluation of petroleum ether heartwood extract of *Cedrus deodara* in healthy and diabetic rats. *Ind J Clin Exp Physiol* 2016; 3:72-76.
4. Kapoor H, Yadav N, Chopra M, Mahapatra SC, Agrawal V. Strong anti-tumorous potential of *Nardostachys jatamansi* rhizome extract on glioblastoma and in silico analysis of its molecular drug targets *Curr Cancer Drug Targets*, 2017; 17:1-15.
5. Ghosh A, Koley H, Pal A. The Role of *Vibrio cholerae* Haemagglutinin Protease (HAP) in Extra-Intestinal Infection. *J Clin Diagn Res*. 2016 Sep; 10 (9):DC10-DC14.
6. Mondal A, Tapader R, Chatterjee NS, Ghosh A, Sinha R, Koley H, Saha DR, Chakrabarti MK, Wai SN, Pal A. Cytotoxic and Inflammatory Responses Induced by Outer Membrane Vesicle-Associated Biologically Active Proteases from *Vibrio cholerae*. *Infect Immun*. 2016 Apr 22; 84(5):1478-90.
7. Ghosh A. Coconut: Natural Source of Potential Anti-Cancer Agent. *International Journal on Coconut R & D - Vol. 32 No. 1, 2016. P. 41-49.*
8. Ghosh A, Chaudhuri S. A Road Map of Future Research in Coconut. *Indian Coconut Journal*. 2016 April; Vol.LVIII (12):30-32.
9. Goyal M, Shukla P, Gupta D, Bisht S, Verma NS, Tiwari S, Bhatt ML. Cardiovascular sequel of neck irradiation in head and neck cancer patients. *Int J Radiat Biol*. 2017;93:711-716.
10. Bhimani N., Mishra P. Perceptions of Post-Graduate students towards MD Physiology Curriculum in India. *Indian J Physiol Pharmacol* 2016; 60(3):291-297.
11. Biswal S, Das D, Barhwal K, Kumar A, Nag TC, Thakur MK, Hota SK, Kumar B. Epigenetic regulation of SNAP25 prevents progressive glutamate excitotoxicity in hypoxic CA3 neurons. *Mol Neurobiol* 2016 Oct 3 : 1-15.
12. Vashistha V, Barhwal K, Kumar A, Hota SK, Chaurasia OP, Kumar B. Effect of seabuckthorn seed oil in reducing cardiovascular risk factors: A longitudinal controlled trial on hypertensive subjects. *Clin Nutr* 2016 Aug 3 (ahead of print, available online).
13. Nanda P, Priyadarsini N, Satpathy A, Nanda J P. Obesity and lung function among healthy employees of a regional urban medical college in Odisha, India. *Int J Pharm Biol Sci*. 2017 ;8(2): (B)292-296.

### List of edited books and monographs

1. Dr. Manish Goyal and Dr. S. C Mahapatra contributed to the Global Edition of "Carlson, Neil R. Physiology of behaviour 12th edition, 2017. Neil R. Carlson, University of Massachusetts, Amherst, Melissa A Birkett. ISBN 0-13-408091-2"



## PATIENT CARE

- EEG services for OPD & IPD patients were started by the Department Physiology with effect from 29.04.2014. Dr. Pranati Nanda, Additional, Professor provides EEG consultation service to the EEG patients. EEG cover has been given to 1349 patients during the year 2016-17.
- 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 patients during the year 2016-17.
- PFT to OPD referral cases was started by the Department Physiology with effect from December 2015. PFT cover has been given to 29 patients during the year 2016- 17.
- AFT and VFT services have been provided to the OPD and IPD patients as and when referred by clinical faculty.

## AWARD, HONOURS AND SIGNIFICANT EVENTS

### Dr. S C Mahapatra

- Nominated as External Exert of the Promotion Committee for Faculty Promotion Interview in Kalinga Institute of Medical Sciences (KIMS), KIIT University, BBSR on 05.11.2016.
- Detailed as Chairperson of Ethical Committee of Sophitorium Group of Institution, BBSR.

### Dr. Manish Goyal

- Appointed as Chair Person of Institutional Ethics Committee of National Institute of Science Education & Research (NISER), Bhubaneswar for 2 years with effect from 16/10/2014.



## PSYCHIATRY

### FACULTY

Associate Professor & Head	Dr. Biswa Ranjan Mishra
Assistant Professor	Dr. Suravi Patra
Assistant Professor	Dr. Rajeev Ranjan

### HIGHLIGHTS

The department has a fully functional clinical psychiatry service including general adult psychiatry and specialty psychiatry services. The clinical services are being provided in out-patient, in-patient services and special clinics. The average attendance in OPD is 50- 60 and the department is running a 14 bedded in-patient unit. In addition, the department is also providing consultation-liaison and emergency psychiatry services. General adult psychiatry, de-addiction psychiatry and geriatric psychiatry patients are provided with clinical services in the outpatient and in-patient units. The department is also running the following special clinics (from 2-5 pm): Epilepsy & behavior clinic, Deaddiction, Child Guidance Clinic and Sleep Clinic.

### EDUCATION

All the faculty members of the Department of Psychiatry are involved in teaching-learning activities and evaluation process of MBBS, and B. Sc. (Hons.) Nursing.

### CONFERENCES/CME/Workshop ATTENDED & PAPER PRESENTED

- **Dr. Biswa Ranjan Mishra**
  1. Participated in the workshop on “Systematic Reviews and Meta-analysis using Revman”, from March 14-18, 2016, at Indian Institute of Public Health, Delhi. Also attended the PHFI Foundation day lecture, 2016, on “Health system response to the health transition in India:” Implications for sustainable development”.
  2. Presented an invited lecture on “Dementia: A Clinical Approach”, in the Neuro Cognitive forum, BBSR, organized by Eisai Pharmaceuticals, on 24/08/2016.
  3. Participated as a delegate in CEZIPS, 2016, titled “Serious Mental Disorders- the Neuro Developmental Connect”, held from 16th-18th September, 2016, at Kalimpong, West Bengal, India. Presented a research paper titled “Cerebral hemodynamics with rTMS in alcohol dependence: A randomized, sham controlled study”.
  4. Attended a 2-day state level workshop on “Child Sexual Abuse- Prevention and Response” organized by Indian Medical Association, and UNICEF, at Pramod Residency, on 24th and 25th September, 2016.



5. Participated and provided a key note address in the workshop on “Pharmacological and Psychological Management in OCD”, conducted by OCD Clinic, NIMHANS, organized by the Indian Psychiatric society, Odisha state branch, on 6th October, 2016.
6. Participated as Delegate in the 56th Annual Conference of National Academy of Medical Sciences (India), on 21st to 23rd October, 2016, and National Symposium on Tobacco or Health: Make better choice, held at AIIMS, Raipur, Chhattisgarh. Awarded with “Member of National Academy of Medical Sciences (MAMS) “.
7. Presented a poster on “Escitalopram in disorder of laughter and crying with predominant laughter incontinence”, in 56th Annual Conference of National Academy of Medical Sciences (India), held on 21st to 23rd October, 2016, at AIIMS, Raipur, Chhattisgarh.
8. Presented a poster on “Effect of Oxcarbazepine on serum brain derived neurotrophic factor in bipolar mania”, in 56th Annual Conference of National Academy of Medical Sciences (India), held on 21st to 23rd October, 2016, at AIIMS, Raipur, Chhattisgarh.
9. Participated in the workshop on “INTERSHIP LOG BOOK PREPARATION”, held on 28th and 29th November, 2016 at AIIMS, Bhubaneswar.
10. Organized a half day Symposium on 23rd December, with an invited talk by Dr. Bichitra Nanda Patra, Assistant Prof. in Psychiatry, AIIMS, New Delhi on "Epidemiology of Psychiatric disorder in India".
11. Participated in the workshop on “Medico-legal aspects of patient care”, organized by the department of FMT, AIIMS, BBSR on 17th Jan, 2017.
12. Presented an invited guest lecture on “Non-Pharmacological management of Depression”, in CME on “Depression: Let's talk “organized by the department of Community and Family Medicine, AIIMS, Bhubaneswar on 7th April, 2017 (World Health Day).

● **Dr. Suravi Patra**

1. Invited as a guest speaker to deliver a lecture during mid-term CME of the Indian Psychiatric Society Eastern Zonal branch at Bhubaneswar on 24th July 2016 on 'Current challenges and trends in diagnosis and management of autism spectrum disorders.'
2. As organizing secretary organized Autism Parent Empowerment Workshop in collaboration with the Department of Social Security and Empowerment of Persons with Disabilities, Govt. of Odisha at AIIMS Bhubaneswar on 8th Sep 2016. Also delivered a lecture on “Parent Empowerment in Autism” on this occasion.
3. Delivered lecture on “Early diagnosis of autism: opportunities and challenges” at 37th Odisha State Pedicon from 19th to 20th Nov 2016.
4. Presented a paper: “Impact of internalized stigma of mental disorder on quality of life in patients with severe mental illness” at the XXII World Congress of the World Association of Social Psychiatry from 30th Nov to 4th Dec at New Delhi.



5. Delivered lecture on 'Diagnosis and management of autism spectrum disorders' in Sensitization program for Medical officers of District Early Intervention Program on 17th Dec 2016 at Capital Hospital Bhubaneswar.
6. Contributed as resource person in training of medical officers under DMHP Khurda on 19th and 20th Dec 2016 at DHH Khurda.
7. Contributed as resource persons in training professionals for autism certification conducted by Dept of Social Security and Empowerment of Persons with Disability, Government of Odisha on 7th March 2017.

● **Dr. Rajeev Ranjan**

1. Delivered talk on “Disability in Patient with substance use disorder” in XXXII World congress of the World association of social Psychiatry (WASP), 2016, Symposium on Disability in Patient with Dual Diagnosis at AIIMS, New Delhi at 30th November 2016.
2. Attended 4 days faculty training program on Research Methodology and Scientific writing on Dec 1-4, 2016 at AIIMS, Bhubaneswar, Odisha.

## RESEARCH

**Dr B. R. Mishra:**

*Ongoing*

Title of the project : Effect of antidepressant drugs on neurotrophic factors in depression:

Funding agency : AIIMS Bhubaneswar funded, intramural

Duration 1 year start year: 2016 Fund: Rs.3,40,000

**IEC No.:T/IM-F/Psych/15/20**

**Dr Suravi Patra:**

*Ongoing*

1. Title of the project: “How much does severe mental illness cost in east India: A cost description study.”

Funding agency: non-funded, intramural Duration, start year: 2015 Funds: Rs.\_nil,\_ IEC approval number: T/IM/NF/Psych/15/2

2. Title of the project: Prevalence and correlates of depression in outpatients with type 2 diabetes mellitus at AIIMS Bhubaneswar.

Funding agency: AIIMS Bhubaneswar funded, intramural Duration, start year: 2015 Funds: Rs.1,80,000

**IEC approval number: T/IM/F/Psych/15/23.**





3. Title of the project: Pathway to care in autism: service provision for autism in Odisha.  
Funding agency: non-funded, intramural Duration, start year: 2017 Funds: nil  
**IEC approval number: T/IM/NF/Psych/03/17.**

### **Collaborative projects:**

#### **Completed:**

1. Title of the project: "Stigma experienced by patients with severe mental disorders and their care givers". Name of the principal investigator: Dr Sandeep Grover, PGIMER.  
Funding agency: Nil Duration: one year, start year:2015 Funds: Rs Nil  
**IEC approval number: T/EM-F/Psych/15-01**

### **PUBLICATIONS (DEPARTMENTAL CONSOLIDATED LIST)**

1. Mohapatra D, Mishra BR, Maiti R, Das S. Escitalopram in disorder of laughter and crying with predominant laughter incontinence. *J Basic Clin Physiol Pharmacol.* 2017; 28(1):89-90. PMID: 27987363.
2. Maiti R, Mishra BR, Hota D. Effect of High-Frequency Transcranial Magnetic Stimulation on Craving in Substance Use Disorder: A Meta-Analysis. *J Neuropsychiatry Clin Neurosci.* 2017; 29(2):160-171. PMID: 27707195.
3. Maiti R, Mishra BR, Jowhar J, Mohapatra D, Parida S, Bisoi D. Effect of Oxcarbazepine on Serum Brain Derived Neurotrophic Factor in Bipolar Mania: An Exploratory Study. *Clin Psychopharmacol Neurosci.* 2017; 15(2):170-176. PMID: 28449565.
4. Mishra BR, Sreeraj VS, Dhanashekarana S, Maiti R. Donepezil for compulsive behaviour in Degenerative dementia: Case series. *Clinical Psychopharmacology and Neuroscience.* Accepted and Published online on January 20, 2017.
5. Patra S, Patro BK, Nebhinani N. Images of psychiatry: attitude survey of teaching medical specialists of India. *Ind Psychiatry J.* Accepted.
6. Patra S, Patro BK. What they think of us: A study of teaching medical specialists' attitude towards psychiatry in India. *Indian J Psychiatry.* 2017;59(1):100-105.
7. Patra S. Return of the psychedelics: Psilocybin for treatment resistant depression. *Asian J Psychiatr.* 2016; 24:51-52.
8. Patra S. Psychobiotics: A paradigm shift in psychopharmacology. *Indian J Pharmacol.* 2016; 48(4):469-470.
9. Patra S. Conversion therapy for homosexuality: serious violation of ethics. *Indian J Med Ethics.* 2016;1(3):194-5.
10. Patra S. Treat the disease not the symptoms: Successful management of obsessive compulsive disorder in bipolar disorder with aripiprazole augmentation. *Aust N Z J Psychiatry.* 2016; 50(8):809-10.



11. Kar N, Swain S P, Patra S, Kar B. The WHOQOL-BREF: translation and validation of the Odia version in a sample of patients with mental illness. Indian Journal of Social Psychiatry. Accepted
12. Patra S. Autism spectrum disorder in the elderly: a review of healthcare issues and challenges. Journal of Geriatric Care and Research. 2016;3(1):3-6..
13. Patra S, Bhatia V. Farmer suicide: need for public mental health interventions. Indian Journal of Community and Family Medicine, 2016;1(2):99-100.
14. Patra S. Quality of Life in Chronic Mental Illnesses: Exploring New Frontiers—by Abhishek Pathak, Krishna Prasad Muliyala, JagadihaThirthalli, Santosh Kumar Chaturvedi. J Psychosoc. Rehabil. Ment. Health. NIMHANS publications 2016;3(1);43.
15. Patro BK, Patra S. NCD and tobacco: the risk factor approach. In: Tobacco control: A module for public health professionals. 1st ed. Chandigarh. PGIMER; 2016. pp41-45.

## PATIENT CARE / HOSPITAL SERVICES

- The department is rendering clinical psychiatric services through out-patient, in-patient and special clinics. The department of Psychiatry is running specialty clinics in the afternoon, 4 days a week. The department is providing needful services for a wide range of epilepsy related behavioral disorders, child and adolescent psychological problems and sleep disorders. We are regularly providing modified ECT to the needful patients. The department is also involved in analysis and reporting of EEG recordings of the institute. The department is currently providing specialist Child Psychiatry services in the Child Guidance Clinic. Clinical services provided in terms of assessment as well as management of the entire range of childhood psychiatric disorders which includes neuro-developmental disorders, anxiety disorders, mood disorders and psychotic disorders. Specialist structured psychiatric assessment is provided using structured psychiatric rating scales and management comprises of parental counselling, psychotherapy, behaviour therapy and pharmacotherapy. Drug deaddiction services for Alcohol and substance use disorder are being regularly provided at both IPD and OPD levels, with recent beginning of Deaddiction special clinic. The department is initiating to establish a state level drug dependence treatment centre, with a proposed strength of 30 beds, which has been approved in the SFC meeting on May, 2017.
- The clinical service statistics for department of Psychiatry for the year 2016-17 are as following (no. of patients):
  1. General OPD: 10922
  2. Special Clinics:
    - a. Epilepsy and behavior: 866
    - b. Deaddiction: 24



- c. Child guidance Clinic: 452
- d. Sleep Clinic: 243
- 3. IPD admissions: 342
- 4. Interventional procedures:
  - a. ECT: 133 sessions
  - b. Narcoanalysis: 5
  - c. Drug assisted interviews: 36
- 5. EEG analysis: 220

## AWARDS, HONORS & SIGNIFICANT EVENTS

### Dr. Biswa Ranjan Mishra

- Awarded with “Member of National Academy of Medical Sciences (MAMS), on October, 2016 at AIIMS, Raipur, Chhattisgarh.
- Nodal officer for implementation of state level drug dependence treatment center (SDDTC) at AIIMS, Bhubaneswar in collaboration with National Drug dependence treatment center, AIIMS, New Delhi.

### Dr Suravi Patra

- International member American Psychiatric Association
- International member American Academy of Child and Adolescent Psychiatry
- Assistant editor: “Minds news letter.”
- Selected for the 'ICMR-Dr RMLH-Pittsburgh University Capacity Building workshop on implementation research and contributed towards developing a protocol for a multi-centric RCT on mindfulness for depression in diabetes in primary care from 15th to 19th Nov 2016 at New Delhi.
- Nominated by the Odisha state government as master trainer in the National Workshop Training on autism tools: INCLIN and ISAA, New Delhi 31st Aug to 2nd Sep 2016 organized by the National Trust at New Delhi for diagnosis and assessment of Autism Spectrum Disorder.

### Dr Rajeev Ranjan

- Invitation letter from department of Social security and empowerment of person with disability, Govt. of Odisha for technical Support regarding preparing Protocol for conducting Alcohol and drug Abuse survey across state of Odisha
- Member of National Editorial Board of Psychiatry and Mental Health.



## PULMONARY MEDICINE

### FACULTY

Professor	Dr. Prasanta Raghav Mohapatra
Associate Professor	Dr. Sourin Bhuniya
Assistant Professor	Dr. Manoj Kumar Panigrahi

### HIGHLIGHTS

- The department of Pulmonary Medicine has established itself as a centre of comprehensive respiratory care, catering to patients from all parts of Odisha and the neighbouring states. The department, with three faculty and four senior residents, has been managing to provide quality outpatient and inpatient care including the critically ill during the last year.
- The department has already earned a place for 'point of care' among the select few centres in India for the diagnosis and treatment of Lung cancer under the guidance of a certified Medical Oncologist.
- The faculty and senior 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 Pulmonary Medicine.
- The department has 9 publications in 'Pubmed' indexed Journals, a couple of chapters in Text books of national importance and research presentations at two of the most prestigious International conferences to its credit.
- The faculty have become members of the editorial board of leading National and International Journals. The Head of the department has been elected to important officiating positions in different Scientific Societies and also as the National delegate (representative) to the European Respiratory Society.
- Overall, the department has been striving hard towards the goal of being a centre of excellence in the field of Pulmonary Medicine while waiting for supporting technical and secretarial staff.

### CONFERENCES/CME/Workshop ATTENDED & LECTURE DELIVERED/ PAPER PRESENTED

- **Dr Prasanta Raghav Mohapatra**
  1. World Congress of Lung Cancer (IASLC) as Speaker, Discussant, Presenter and Program Committee member, Delivered Talk, Summary talk on scientific highlights on last day of the conference.
  2. As moderator during 17th World Conference on Lung Cancer, Vienna Innovative Techniques in Pulmonology and the Impact on Lung Cancer, Date 05.12.2016;



3. As discussant and also Speaker of session- Facing the Real World: New Staging System and Response Evaluation in Immunotherapy on 6.12.2016; (During 17th World Conference on Lung Cancer, Vienna).
4. Regional Aspects/Education - WCLC 2016 Scientific Highlights - Radiotherapy, Palliative Care, Regional Aspects, Scientific Highlights on 07.12.2016 Delivered the 3rd presentation of 3 speakers of the session. (During 17th World Conference on Lung Cancer, Vienna).
5. Respiratory Update 2016 (by Gauhati Medical College & Hospital)- delivered talk and discussion on Diagnostic Approach to lung Cancer at Guwahati, April 2016.
6. And delivered a lecture on Poorly controlled asthma in pregnancy: What can we use? during NECCS annual meeting and Respiratory Update-2016 on 9.4.2016.
7. 21st Annual Conference of Indian Association for Bronchology, Sher-i-Kashmir International Convention Center, Cheshmashahi, Srinagar. April 28-30th April, 2016. Topic- Endoscopic Management of Obstructive Airway Disease.
8. As faculty of ACCP REALM India and expert panelist for Revolution In Advanced Lung Management program on 21st Aug at hotel ITC Sonar, Kolkata : Also participated in panel discussion with Dr David Naidich, USA and other Indian faculties On Lung cancer screening and approach to pulmonary nodule, 9AM, 21.8.2016
9. Delivered invited talk 56th Annual Conference of National Academy of Medical Sciences (NAMSCON 2016) on 21st, 22nd & 23rd October 2016, AIIMS, Raipur (Topic- Health Hazards of E-Cigarettes) on 21st October 2016.
10. And delivered invited talk on 'Acute exacerbation of Interstitial PulmonaryFibrosis' during "13th CHESTCON-2017" on 12.02.2017
11. First ILD Workshop, AIIMS, Jodhpur. 28-29 January 2017. Sarcoidosis (1-1.30 PM on 29.01.2017
12. And delivered invited talk on -Specific manifestation of TB in old people, and need for separate guidelines" in the Symposium on "TB at extremes of ages during 71st National Conference of Tuberculosis and Chest Diseases, Dec 16-18, 2016, held at PGIMER, Chandigarh, Chairperson, Symposium on Lung cancer.
13. Golden Jubilee National Conference of Indian College of Allergy, Asthma & Applied Immunology (ICAAICON-2016) held on 22-25, October 2016 at VPCI, University of Delhi. – Chaired a Symposium on Asthma on 24.10.2016, at 2.45- 4.15PM.
14. Evidenced Based Management. Tata Memorial Centre, Mumbai, as Discussant, Chairperson in Panel Discussion- Policy on Lung Cancer, National Cancer Grid: during 15th Annual Conference on Evidence Based Medicine, Tata Memorial Hospital, Mumbai on 25.2.2017.



- **Dr. Sourin Bhuniya**

1. Attended the International congress 2016 of the European Respiratory Society (ERS) held at London, UK and presented a poster titled, "Tobacco smoking profile of patients with respiratory ailments at AIIMS Bhubaneswar" on 06-09-2016.
2. Speaker on hazards of smoking and prevention of COPD at an awareness program for students on the occasion of World COPD Day 2016 on 16-11-2016 at AIIMS Bhubaneswar.
3. Invited faculty at the National conference on Pulmonary diseases, NAPCON 2016 held at Mumbai and delivered a lecture on "Myths and facts about E-cigarettes" on 27-11-2016
4. Invited faculty at the annual conference of the association of chest physicians, West Bengal, ACPCON 2017 held at Kolkata and delivered a lecture on "Management of lung nodule > 8mm" on 11-02-2017.
5. Invited faculty at the annual conference of the association of chest physicians, West Bengal, ACPCON 2017 held at Kolkata and was one of the judges in the Poster session on 11-02-2017.
6. Organized the National conference on lung cancer (NALCCON 2016), at Bhubaneswar on 14th and 15th January 2017 in the capacity of Joint organizing secretary.

- **Dr. Manoj Kumar Panigrahi**

1. Attended the workshop on WINFOCUS Ultrasound in Basic Life Support Level 1 (USBLS) course held in Medanta Medici Citi Hospital, Gurugram , on 23th and 24th June 2016
2. Attended the workshop on Cochrane protocol writing held in Christian Medical College, Vellore in 18th – 23rd September 2016
3. Delivered a talk titled "Invasive pulmonary aspergillosis" as an invited faculty in the national conference on pulmonary diseases (NAPCON 2016) held at Mumbai during 26th-28th November 2016
4. Attended the annual conference of Odisha Chest Society held at IMA house Cuttack on February 11th and 12th 2017
5. Worked as joint organizing secretary for the conduct of National conference on Lung cancer NALCCON 2016 held at Bhubaneswar between 14th and 15th January 2017

**RESEARCH:****Funded projects:**

*Ongoing:* Principal investigator: **Dr. Sourin Bhuniya**

Title of the project: Comparison between self-reported smoking and objective assessment of smoking in patients of COPD

Funding agency: AIIMS Bhubaneswar (Intramural) Start year: 2016 Fund (Rs.): 2,00,000/- (Rupees two lakhs only)

**IEC approval number: T/IM-F/Pmed/15/32**

**Departmental:***Ongoing:***Dr. Sourin Bhuniya**

- 1) Title of the project: Assessment of sleep quality and identification of factors responsible for poor sleep quality among students of AIIMS Bhubaneswar  
Principal investigator: Dr. Sourin Bhuniya Funding agency: None Start year: 2017  
**IEC approval number: IEC/AIIMS BBSR/STS\_UG/2017-18/14**

**Dr. Manoj Kumar Panigrahi**

1. Title of the project: Prevalence of allergic bronchopulmonary aspergillosis among adults with asthma and its clinical implications  
Principal investigator: Dr. Manoj Kumar Panigrahi IEC reference – T/IM-F/Pmed/15/26
2. Title of the project : Relationship between sleep quality, asthma control and quality of life in adults with asthma  
Principal investigator: Dr. Manoj Kumar Panigrahi  
**IEC reference – T/IM-NF/Pmed/16/07**

**Completed:**

Title of the project: Risk factors of adult onset asthma in patients attending a premiere tertiary level institute

Principal Investigator: **Dr. Sourin Bhuniya**

Funding agency: None Start year: 2016 IEC approval number: T/IM-NF/Pmed/16/08

**PUBLICATIONS : Departmental consolidated list**

1. Pradhan G, Behera P, Panigrahi MK, Bhuniya S, Mohapatra PR, Turuk J, Mohanty S. Pulmonary Strongyloidiasis Masquerading as Exacerbation of Chronic Obstructive Pulmonary Disease. *Tuberc Respir Dis (Seoul)*. 2016 Oct;79(4):307-311. Epub 2016 Oct 5. PubMed PMID: 27790284; PubMed Central PMCID: PMC5077736.
2. Garg K, Mohapatra PR, Aggarwal D, Gupta R, Janmeja AK. Interstitial Lung Disease with Chilaiditi Syndrome. *J Clin Diagn Res*. 2016 Dec;10(12):TD04-TD05. doi: 10.7860/JCDR/2016/23577.9074. Epub 2016 Dec 1. PubMed PMID: 28208974; PubMed Central PMCID: PMC5296547.
3. Mohanty S, Pradhan G, Panigrahi MK, Mohapatra PR, Mishra B. A case of systemic melioidosis: unravelling the etiology of chronic unexplained fever with multiple presentations. *Pneumonol Alergol Pol*. 2016;84(2):121-5. doi: 10.5603/PiAP.2016.0012. PubMed PMID: 27238172.



4. Bhuniya S, John Fernando G, Behera P, Pradhan G, Panigrahi MK, Mohapatra PR. Tobacco smoking profile of patients with respiratory ailments at AIIMS Bhubaneswar European Respiratory Journal 2016 48: PA4323; DOI: 10.1183/13993003.congress-2016.PA4323
5. Mohapatra PR. Level of evidence of verbal autopsy. Lancet Glob Health. 2016 Jun;4(6):e367. doi: 10.1016/S2214-109X(16)30044-4. PubMed PMID: 27198839.
6. Pradhan G, Bhuniya S, Panigrahi MK, Mohapatra PR, Sahoo N, Patra S. A rare case of lymphoepitheloma-like carcinoma of lung. National Pulmonary Diseases Conference (jointly organised by Indian Chest Society and National College of Chest Physicians) 24-27 NAPCON 2016 held at Mumbai. (This was adjudged the second best paper in the conference)
7. Pradhan G, Bhuniya S, Panigrahi MK, Bhuniya S, Mohapatra PR. Mycobacterium simiae infection presenting as an endobronchial mass in a diabetic lady. National Pulmonary Diseases Conference (jointly organised by Indian Chest Society and National College of Chest Physicians) 24-27 NAPCON 2016 held at Mumbai.
8. Mohapatra PR, Mishra P, Panigrahi MK, Pradhan G, Bhuniya S, Patra S, Kar Second Primary Small Cell Carcinoma of Lung in Previously Treated Carcinoma Breast. Presented in 17th World Conference on Lung Cancer, Vienna (P1.07-054)
9. Mohapatra PR, Bhuniya S, Panigrahi MK, Patra S, Mishra SP, Pradhan G, Das Majumdar SK, Behera P, Muduly DK, Kar M. Demographic Profile of Lung Cancer from Eastern India,.Presented during 17th World Conference on Lung Cancer, Vienna.(P1.01-058)

## PATIENT CARE / HOSPITAL SERVICES

- The department caters to patients coming from various parts of Odisha and neighbouring states of eastern India. The outpatient department function six days per week and on an average about 45-50 patients visit every day with various respiratory ailments. Despite various constrains due to lack of logistics, there has been a steady inflow of patients in the outpatient as well as inpatient departments.
- Presently the inpatient service is operational with few beds in a common medical ward shared with General Medicine. The department provides inpatient care to all categories of respiratory diseases including critically ill patients with the support from existing ICU.
- The department is one among the few centres in India to provide point of care management of lung cancer. Lung cancer chemotherapy is being administered under guidance of certified Medical Oncologist for more than a year adhering to international standard.
- As of now, the department provides various diagnostic and therapeutic services routinely for respiratory diseases like thoracentesis, tube thoracostomy, chemical pleurodesis, spirometry, flexible bronchoscopy, percutaneous lung biopsy and polysomnography.





### **Pulmonary Medicine OPD**

Total OPD patients: 15311

Indoor data (as per hospital record)

RNTCP service – DOTS registration 338

Spirometry: 1826

Flexible bronchoscopy(including interventions) - 180

Thoracentesis - 148

### **Pulmonary Medicine IPD**

Thoracentesis (Diagnostic & Therapeutics) - 204 Tube Thoracostomy - 32

Pleurodesis - 16

Image (USG or CT) guided transthoracic lung biopsy: 38

### **AWARDS, HONORS & SIGNIFICANT EVENTS**

#### **Dr Prasanta Raghav Mohapatra**

- Awarded 'Diploma of FRCP (Glasgow)' by Royal College of Physicians and Surgeons, Glasgow.
- As a member I was instrumental in formulating Chronic Respiratory Diseases Guideline: Jointly initiated by Govt of India and WHO, with leadership of Prof Randeep Guleria, Professor & Head, Pulmonary Medicine, AIIMS, New Delhi.
- Core committee member for Lung Cancer in National Cancer Grid, (Govt of India) with leadership of Tata Memorial Centre, Mumbai.
- Participated (by nomination from east zone) as faculty for the workshop for formulating a 'Consensus Statement on Spirometry in India', on July 30-31, 2016 at the Postgraduate Institute of Medical and Research, Chandigarh. With collaboration of Indian Chest Society and National College of Chest Physicians.
- Continued as Regional Editor, The Lancet Respiratory Medicine till Feb 2017.
- Nominated/continued as Editorial Board Member of PubMed indexed journal- Lung India.(Official Journal of Indian Chest Society).
- Editorial Board Member of PubMed indexed journal- Indian Journal of Chest Diseases and Allied Sciences.(Official Journal of National College of Chest Physicians). Published from VP Chest Institute, University of Delhi.
- Program committee member of annual World Conference of International Association of Study for Lung Cancer (IASLC) held at Vienna during Dec 2016.
- Chairman(elected) of East zone of Indian Chest Society for year 2014-16 (till Nov 2016)
- Elected Executive body member of Indian Society of Study for Lung Cancer (ISSLC)



- Organizing Chairman for the National Conference for Lung Cancer (NALCCON- 2016) under aegis of Indian Society of Study for Lung Cancer (ISSLC) held on 14-15 Jan 2017.
- Worked as Advisor (expert) to selection board of UPSC, New Delhi
- Member of selection board of KIIT University, Bhubaneswar.
- Editorial Board Member of 2 PubMed indexed journal- Indian Journal of Chest and Allied Sciences.(Official Journal of National College of Chest Physicians) and Lung India.(Official Journal of Indian Chest Society) in addition to other Indexed journals
- Completed successfully the online courses on 'Introduction to Research Ethics' from Fogarty International Center & Johns Hopkins Center for Clinical Global Health Education( date 16.3.2017)
- Completed successfully the online courses on 'ICH GOOD CLINICAL PRACTICE' from Global Health Training Centre of Global Health Network (Certificate No 207523) dated 21.3.2017.
- I am single-handedly coordinating and conveying the weekly Common Academic Programmes of AIIMS, Bhubaneswar being held on every Friday.

**Dr. Prasanta Raghav Mohapatra** continues to be Fellow of following Scientific Societies

- Fellow of American College of Chest Physicians (FCCP), USA
- Fellow of Indian College of Physicians (FICP) - Membership Fellow of National College of Chest Physicians (India), FNCCP
- Fellow of Indian Association for Bronchology (Life Fellow-016) FIAB Fellow of International Medical Sciences Academy (FIMSA)
- Fellow of Indian College of Allergy Asthma and Applied Immunology (FCAI) Fellow of Indian Chest Society (FICS)
- Fellow of Academy of Pulmonary Sciences (FAPS) Member National Academy of Medical Sciences (MAMS)

**Dr. Sourin Bhuniya**

Continues to be the:

- Assistant editor and reviewer for the journal of Association of Chest Physicians.
- Fellow of the American College of Chest Physician (FCCP) & Asian Pacific Society of Respiriology (FAPSR)
- Member of National Academy of Medical Sciences (MAMS) and European Respiratory Society.



**Dr. Manoj Kumar Panigrahi Continues to be the:**

- Fellow of the American College of Chest Physician (FCCP) & Asian Pacific Society of Respirology (FAPSR),
- Member European Respiratory Society, National Academy of Medical Sciences (MAMS), Indian Society for Study of Lung cancer, Indian Chest Society
- New Member in American Thoracic Society, & International Association for Study of Lung Cancer

**Visiting scientists**

Prof Digambar Behera (Senior Professor & Head, PGIMER, Chandigarh), Prof Jyoti Pattnaik and Dr M. K Sen (Senior Consultant VMMC, New Delhi visited the Department at official invitation during year.



## RADIODIAGNOSIS & IMAGING

### FACULTY

Professor & HOD	Dr Nerbadyswari Deep Bag
Assistant Professor	Dr Suprava Naik
Assistant Professor	Dr Sudipta Mohakud

### 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 neighboring states with its advanced & modern equipments.

At present one Professor (HOD) and two Assistant Professors are there in the department of Radiodiagnosis. Two senior residents and one junior resident (PG student) are also part of the departmental work force. The department is actively engaged in diagnosis, interventional procedures, research & training of (undergraduate, postgraduate, BSc Radiography) students.

### EDUCATION

The department has started BSc course and Postgraduate course from 2016. The faculties are actively involved in intra and interdepartmental academic activities. All the faculty members of the Department are involved in teaching-learning activities and evaluation process of MBBS, BSc(MTIT) and B. Sc. (Hons.) Nursing students.

### CONFERENCES/CME/WORKSHOP ATTENDED & PAPER PRESENTED

The department participated in teleconference with Nephrology Department, AIIMS New Delhi on contrast induced nephropathy.

- **Dr Nerbadyswari Deep Bag**
  1. Attended IRIA Odisha chapter conference (ORIA), and chaired many sessions in the month of January 2017 at KIMS Bhubaneswar.
  2. Attended workshop on PC PNDDT and delivered a lecture on “PC PNDDT: Radiologists' perspective” in the month of March 2017 at AIIMS Bhubaneswar.
  3. Attended workshop on scientific writing in December 2016 at AIIMS Bhubaneswar.



- **Dr Suprava Naik**

1. Attended IRIA Odisha chapter conference (ORIA), in the month of January 2017 at KIMS Bhubaneswar.
2. Attended workshop on scientific writing at AIIMS Bhubaneswar in December 2016.
3. Attended workshop on Good clinical practice July 2017 at AIIMS, Bhubaneswar

- **Dr Sudipta Mohakud**

1. Attended IRIA Odisha chapter conference (ORIA), in the month of January 2017 at KIMS Bhubaneswar.
2. Attended workshop on scientific writing at AIIMS Bhubaneswar in December 2016.
3. Attended workshop on Good clinical practice in July 2017 at AIIMS, Bhubaneswar

## **PUBLICATIONS**

1. Singh S, Naik M, Bag ND, Patra S. Angioleiomyoma of uterus masquerading as malignant ovarian tumor : A case report . Mid-life Health 2017;8.
2. Singh S, Patra S, Bag ND, Naik M. Primary T-cell lymphoblastic lymphoma of the ovary: A case report. Indian J Med Paediatr Oncol. 2017; 38:81-3.
3. Singh S, Mishra P, Bag ND, Naik M. Giant ovarian cyst- a single institutional experience Journal of Obstetrics and Gynaecology of India.
4. Shodavaram S, Singh S, Pattnaik A, Sahu RN, Jena S, Mohakud S, Purkait S, Som T. Meningeal Tuberculoma in Pregnancy with midline shift: an uncommon presentation of a common disease. Best poster presentation in ISOPARB held on 7th and 9th April 2107.
5. Naik S, Singh A, Mohakud S, Mishra TS, Naik P, Deep N. Spontaneous resolution of amoebic liver abscess following hepatogastric fistula. Accepted in Tropical Gastroenterology.

## **PATIENT CARE**

- The department provides various imaging modalities & procedures for patient care. They are-
1. Ultrasonography & Colour Doppler study including Transabdominal, Transvaginal, Transcranial, Transrectal, High resolution USG of MSK, 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 including Abdominal, brain, head and neck, thorax and various other parts, Triphasic CT scan of abdomen, CT angiography (cranial, neck vessel, limb vessel, abdominal, renal, pulmonary angiography, aortogram), Cardiac CT and coronary angiography, CT enterography & Virtual endoscopy.
  3. 1.5 T MRI scan services like MRI of brain & spine , Brachial plexus 2. 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, and Fetal MRI. 3. State-of-the art Digital mammography with computer added tomosynthesis

4. Biplane Digital subtraction angiography.
5. Interventional procedures (for diagnostic and therapeutic purpose) like USG Guided FNAC, Fluid aspiration, Percutaneous drain placement, CT Guided procedures- FNAC ,Biopsy , Fluoroscopic and USG guided interventions like Percutaneous nephrostomy and transhepatic biliary drainage, Sclerotherapy under DSA.
6. X-ray-routine, emergency and bed side.
7. Special investigations like IVU, Barium studies ,T TUBE Cholangiogram, nephrostogram, loopogram, RGU, fistulogram. & Sinogram

#### TOTAL NO OF VARIOUS PROCEDURES DONE FROM 1ST APRIL 2016 TO 31ST MARCH 2017

MONTH	X-RAY	CT SCAN WITH PROCEDURES	USG WITH PROCEDURES	MRI	MAMMOGRAPHY
APRIL-2016	2176	664	334	108	19
MAY	2294	734	330	210	26
JUNE	2691	796	338	305	25
JULY	3058	934	377	106	15
AUGUST	3582	1115	876	508	19
SEPTEMBER	3293	987	739	494	07
OCTOBER	3636	885	528	394	-
NOVEMBER	3981	1239	518	435	14
DECEMBER	4209	1280	541	456	26
JANUARY 2017	4301	1180	556	424	19
FEBRUARY	4063	1171	544	370	16
MARCH	4960	1499	593	359	40
TOTAL	42244	12484	6274	4169	226

#### SIGNIFICANT EVENTS

- Dr. N Deep Bag Prof & Head, Department of Radiodiagnosis, AIIMS Bhubaneswar, president ORIA inaugurated 44th annual conference of ORIA 2016 at KIMS, BBSR, delivered lectures and felicitated distinguished delegates.



## RADIOTHERAPY

### FACULTY

Professor and Head

Prof. D.K. Parida

Asst. Professor

Dr. S.K. Das Majumdar

### HIGHLIGHTS

- Department of Radiotherapy has organized the National Conference AROICON 2016.

### EDUCATION

- Department of Radiotherapy has been actively participated in the teaching of MBBS, BSc (Hons.) Nursing and BSc(Hons.) MLT in the form of theory and bedside clinical teaching.

### CONFERENCES/CME/WORKSHOP ATTENDED & PAPER PRESENTED

- **Prof. D.K. Parida**
  1. Attended 12th International Conference of Association of Clinical Oncologists of India as Guest Faculty, 8-10 April 2016, New Delhi.
  2. Invited as Chair Person in Update on Lymphoma, 7th Sept 2016, Bhubaneswar.
  3. Invited as Chairperson in “Chemo free world of lymphoma-Is it a bumpy road” session of International CME on Hematology & 8th Annual meeting of Odisha Chapter of Hematology, 3rd - 4th Sept 2016, Cuttack.
  4. Invited as Chair Person in Colo-rectal Session and panelist, “Are we prepared for Mab therapy in India”.
  5. Invited as Panelist at the scientific sessions of Blue Ribbon CME on “Management of Metastatic Colon Cancer”, Bhubaneswar, 24th June 2015.
  6. Invited as Panelist in the CME on “Best Practices in Breast Cancer” in the session “Trastuzumab as a neo-adjuvant & adjuvant therapy”, 19th Aug 2015, Bhubaneswar.
  7. Invited as Panelist in the management of rectal cancer” session of 29th National Annual Conference of Indian Association of Surgical Oncology, 17th - 19th Sept 2015, Bhubaneswar.
  8. Invited as Panelist in the session 'Are we prepared for Mab therapy in India” in 12th International Conference of Association of Clinical Oncologists of India, 8th -10th April 2016.
  9. Invited as Panelist in the 12th International Conference of Association of Clinical Oncologists of India New Delhi.
  10. Invited as Panelist in the Genito Urinary session”, ISMPOCON 2016, New Delhi.



## PUBLICATIONS

1. Sahoo TK , Das SK, Das Majumdar S K, Senapati S N, Parida DK. Digital acrometastasis as initial presentation in Carcinoma Lung a case report and review of literature. J Clin Diagnostic Res 2016;10(6): 1-2
2. Das S K, Sahoo T K , Parija S , Das Majumdar S K , Parida D K . Choroidal metastasis as initial presentation in adenocarcinoma of lung: a case report, J Clin Diagnostic Res 2016; 11(3): 4-6
3. S Rautray, Sahoo TK, Das SK, Das Majumdar SK, Parida DK. Primary adenoid cystic carcinoma of head & neck-its prognosis & management: a retrospective analysis from a tertiary care centre. . Int J sc study, 2016; 4(4): 133-137.

## PATIENT CARE:

- The department started functioning with the joining of Prof. D.K.Parida on 15 April 2013. Subsequently DR. S.K.Das Majumdar joined the department. Oncology Day Care Facility was initiated with 10 (ten) beds in July 2013. The day care facility was shifted to D-2 ward where thirteen (13) In patient Beds were added to 10 day care beds since July 2014.
- Cancer Education and Learning (CEAL) programme is a teaching forum and run in the department under which any cancer survivor/general public are educated regarding various aspects of cancer every saturday.

## Departmental Statistics

1. Total no. of Patients provided OPD consultation:- 13427 (old : 10289 , new : 3138 )
2. Total no. of Patients administered chemotherapy: - 4737
3. Total no. of chemotherapy cycles administered:-24,750
4. Total no. of supportive care:-473
5. Total no. of IPD patients :- 1673
6. Total Day Care patients :- 2352
7. Blood transfusion in Day Care:- 129
8. Total no. of minor procedures performed :- 117
9. Total no. of interdepartmental cross consultations offered:- 556
10. Total no. of Departmental Seminars organized:- 56
11. Total no. of Bedside clinics held:- 164





## AWARDS, HONORS & SIGNIFICANT EVENTS

### Prof. D.K.Parida

- Visiting Professor, National Institute of Biomedical Innovation, Osaka, Japan.
- Member, Governing Council, AH Regional Cancer Centre, Cuttack.
- Member, Expert Committee, Govt. of Odisha, to examine and implement Tamil Nadu method of screening of cervical cancer.
- Member, Expert Committee, Govt. of Odisha for developing training module how to administer chemotherapy at district hospital level.
- President, Temple City Onco Club, Bhubaneswar.
- Convener, Faculty Development Program by MoHFW, Govt. of India.
- Member, Senate, IIT, Bhubaneswar.



## SURGICAL ONCOLOGY

### FACULTY

Professor

Dr Madhabananda Kar, Prof & HOD

Associate Professor

Dr Dillip Kumar Muduly

### HIGHLIGHTS

- The Department of Surgical Oncology, AIIMS Bhubaneswar is the first Institute in eastern India to start Video Assisted Thoracoscopic Surgery (VATS) for lung cancer, esophageal cancer, metastasectomy, mediastinal tumors and thymectomy. The department has performed 466 major surgeries in last year.
- Minimal Invasive Onco Surgical procedures including thoracic, GI and Gyn are being performed regularly with all standard protocols which is very beneficial to the cancer patients.
- The department has successfully organised 7th National Conference of the Indian Society for Study of Lung Cancer (NALCCON 2016) from 14th to 15th Jan 2017 under the guidance of ISSLC. The theme was “Lung cancer-multi modality approach for better survival”. Dr. Madhabananda Kar was nominated as the Organising Secretary for the said conference.

### EDUCATION

- The faculties are actively involved in medical training and education, patient care and research activities.

### CONFERENCES / CME / Workshop ATTENDED & LECTURE DELIVERED / PAPER PRESENTED

- **Dr. Madhabananda Kar**
  1. Invited as a Panelist in “Gastric Cancer: Latest Advances (GALA), 2016 meeting” on 21th Aug 2016 at Kolkata.
  2. Participated in the National Conference on “Monitoring and Assessment of People Health and its Impact on Quality of Life in Odisha” at KIIT University, Bhubaneswar from 31th Aug to 01st Sep 2016
  3. Presented two master videos (VATS Thymectomy & Right Hepatectomy) presentation at 30th NATCON IASO 2016 held at AIIMS Jodhpur from 22nd to 25th September 2016.
  4. Participated as an expert and Chairperson in the “ÖNCO-CORE” meeting on cancer nutrition by Abbott Healthcare Pvt. Ltd. in Kolkata on 05th May 2017.
  5. Represented AIIMS, Bhubaneswar as delegate in “Updates in Management of Breast Cancer” initiated by NCI, India AIIMS New Delhi on 06th-07th May 2017.
  6. Invited as speaker to 'Prove 2016' at SUM Hospital, Bhubaneswar on 31st Jul 2016 on “Evolution of Oncology”.



7. Invited as an expert in a live show “The Cancer Awareness Day”, celebration by the “News World Odisha” on 06th Nov 2016 as part of the public awareness programme.
8. Invited as a Panellist expert to Apollo Cancer Conclave and Cancer CI 2017 from 02nd to 05th Feb 2017 at Hyderabad.

● **Dr. Dillip Kumar Muduly**

1. Attended International Academy of Oral Oncology IAOO-2017 conference, from 18-20th May 2017 at Bengaluru.
2. Attended workshop on Image Guided Reconstruction of Oral Cavity Cancers, ON 17 May 2017 at Bengaluru. Dr. Dillip Kumar Muduly attended Cadaveric Laparoscopic Colorectal Surgery Workshop conference, from 01st-02nd Jun 2017 at Bengaluru.
3. Presented a Poster on 'Changing trends of chemotherapy over two decades in breast cancer patients undergoing surgery': Audit of a breast cancer database. ISMPO-ISO conference, Mumbai, India in Dec 2016.
4. Presented a paper on 'Breast cancer survival in patients treated with protocol based multimodality treatment at a tertiary care cancer centres in India (Low-middle income country)’ 2016WCC/SS- 1958, in World Cancer Congress, 2016 Paris, France.

**PUBLICATIONS**

1. P. Mohapatra, S. Bhuniya, M. Panigrahi, S. Patra, P. Mishra, G.Pradhan, S. Das Majumdar, P. Behera, D. Muduly, M. Kar ; . "P1. 01-058 Demographic Profile of Lung Cancer from Eastern India." Journal of Thoracic Oncology 12.1 (2017): S485.

**PATIENT CARE / HOSPITAL SERVICES**

- Dedicated surgical oncology OPDs are running 3 ½ days a week consisting of Head & Neck, breast, thoracic, GI and miscellaneous onco surgical OPDs.
- 18 bedded dedicated surgical oncology in-patient department has been functional since June 2016.
- Follow up clinics for such operated patients are conducting every OPD days.
- One dedicated minor OT is running on all OPD days in OPD area to provide a better and fast patient care.
- All inter departmental referrals for all onco-surgical consultations are being taken on regular basis.

**AWARDS, HONORS & SIGNIFICANT EVENTS**

1. Dr. Madhabananda Kar got the 'SRI’ a Life time achievement award in the field of medical science by Parichaya Foundation, Bhubaneswar, on 19 Jun 2016.



## TRANSFUSION MEDICINE

### FACULTY

Associate Professor  
Assistant Professor

Dr Somnath Mukherjee  
Dr Babita Raghuwanshi

### HIGHLIGHTS:

- The Department is proud to announce that it has started as independent Blood Transfusion service centre after receiving the license for the operation from Central Drugs control in June 2016. Presently the department is collecting blood both in house as well by conducting blood donation camps in the department. During 2016-17, the department has conducted seven (05) blood donation camps and collected more than 250 units of Blood.
- The department also regularly observes World Thalassemia Day and World AIDS 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 department has also started few special services like Plateletpheresis and provision of Leuko-depleted blood to selective group of multi-transfused patients who are developing febrile non haemolytic reactions.

### EDUCATION

- The departmental faculties are involved in teaching the both MBBS and BSc (Hons) nursing students. The department also has a plan to start MD in Transfusion Medicine in near future.

### CONFERENCES/CME/WORKSHOP ATTENDED & PAPER PRESENTED

- **Dr Somnath Mukherjee**
  1. Organized and participated the 4 days of workshop in Research methodology and Scientific writing held during 1st- 4th December 2016.
  2. Attended the AABB-AATM conference in Bangalore from 10 th -12th December 2016.
  3. Invited as a guest speaker in a CME and as faculty in workshop conducted by Department of Transfusion Medicine, SCB Medical College Cuttack on 16 th December, 2016. He delivered a talk on “Recent Advances in Transfusion Medicine”.
  4. Invited as guest speaker at the CME conducted by Department of Transfusion Medicine, the Mission Hospital , Durgapur on 28 th January, 2017.
  5. Delivered a lecture on Evidenced Based Practice in Transfusion Medicine at Institute of Hematology and Transfusion Medicine, Medical College, Kolkata on 4 th February 2017.
  6. Invited as guest speaker in a CME organized by Blood club Odisha on 22 nd March, 2017 to deliver a lecture on Rational use of Blood transfusion Practices.



## RESEARCH

### Funded:

#### Ongoing:

1. Title of the Project: Serological Characterization and Prevalence of D variants in Odisha : impact on Blood Transfusion Strategy.  
Principal Investigator: **Dr Somnath Mukherjee**  
Duration: 02 months, Start: March 2017 Funds: Intramural  
Total Amount: INR 3.2 Lacs  
**IEC Code: T/IM-F/Tmed/15/11**

### Departmental Non funded:

#### Completed:

1. Title of the Project: A retrospective analysis on Blood transfusion practices with or without application of tranexamic acid in elective knee and hip replacement surgery in a tertiary care centre in Eastern India.  
Principal Investigator: **Dr Somnath Mukherjee**  
Duration: 01 years, Start: March 2016, Finished: February 2017  
Funds: Non funded  
**IEC Code: T/IM-NF/Tmed/15/18**
2. Title of the Project: Transfusion related adverse events: an initial experience of a Blood Storage Centre encourages establishment of Institutional Hemovigilance Program.  
Principal Investigator: Dr Somnath Mukherjee  
Duration: 06 months, Start: April 2016, Finished: October 2016, ICMR STS project  
Funds: Non funded  
**IEC Code: T/IM-NF/Tmed/15/40**

## PUBLICATIONS

### Dr. Somnath Mukherjee

1. Mukherjee S, Maiti R. Haemovigilance: A Current Update in Indian Perspective. J Clin Diagn Res. 2016 Nov; 10(11)

## PATIENT CARE / HOSPITAL SERVICES:

### ● Hospital activity:

1. **Blood Collection and Blood donation camp** : The department started collection from July 2016 and till March 2017; the department collected 2593 units of blood through donation. The department is regularly conducting blood donation camp in the campus in order 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 more than 250 units of blood during this period.

2. **Cross Match and Issue of blood and blood component:** Till March 2017, a total of 3931 units of blood were cross matched and 2983 units of blood have been issued to patients belonging to different clinical discipline.
3. **Other Laboratory diagnostic workup :** The department is also conducting routine blood grouping for both the patients as well donors on regular basis. Till 2017 March, total 4914 no of blood grouping were 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 2016 till march 2017, total number of Direct Coombs Test (DCT) performed were 258 and total number of indirect coombs tests (ICT) performed were 92. The department is also conducting serial titre of ICT + ve cases whenever it is indicated. The department has further plan to start immune-hematological services like antibody screening and identification 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 2017 , a total of 2593 units of blood have been tested by ELISA for the above five mandatory infectious disease markers.
5. **Apheresis services:**The department has also started Platelet apheresis services. Till now five (05) platelet apheresis procedures have been done. The department has a plan to expand its service by performing other therapeutic procedures.
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.



## TRAUMA & EMERGENCY MEDICINE

### FACULTY AND DESIGNATION

Professor & Head	Dr Prabeer Chandra Mohanty
Assistant Professor	Dr Chitta Ranjan Mohanty
Assistant Professor	Dr Upendra Hansda
Assistant Professor	Dr Sangeeta Sahoo

### HIGHLIGHTS

- The faculty of Trauma & Emergency Medicine (TEM) have been actively involved in medical training and education, patient care and research activities.
- The Emergency service is provided by our Department which is having 20 beds.
- A series of trainings under the heading of Course in Emergency Management at AIIMS (CEMA) are running regularly since May 2013 by the department. This year trained 171 Nursing students under CEMA. Trained MBBS Interns the Basic Trauma Care on 5-6th Mar 2017.
- A novel teaching and training curriculum for MBBS students during clinical posting in TEM are continuing since its implementation.

### EDUCATION

- The faculty undertake theory classes for the undergraduate MBBS and nursing students.
- Also actively involved in the teaching and training to post-doctoral fellow students of critical care medicine.

### CONFERENCES/CME/WORKSHOP ATTENDED & PAPER PRESENTED

- **Dr. P.C. Mohanty**
  1. Attended the World Trauma Congress from 15th - 21st Aug 2016 at AIIMS New Delhi.
  2. Attended the Endo Surg, 2017 from 16th-19th Mar 2017 at AIIMS New Delhi.
  3. Attended the Medico-legal aspect of patient care on 17th Jan 2017 at AIIMS Bhubaneswar.
- **Dr. Chitta Ranjan Mohanty**
  1. Attended the Scientific Writing on 07th-08th Feb 2017 at AIIMS Bhubaneswar.



● **Dr. Upendra Hansda**

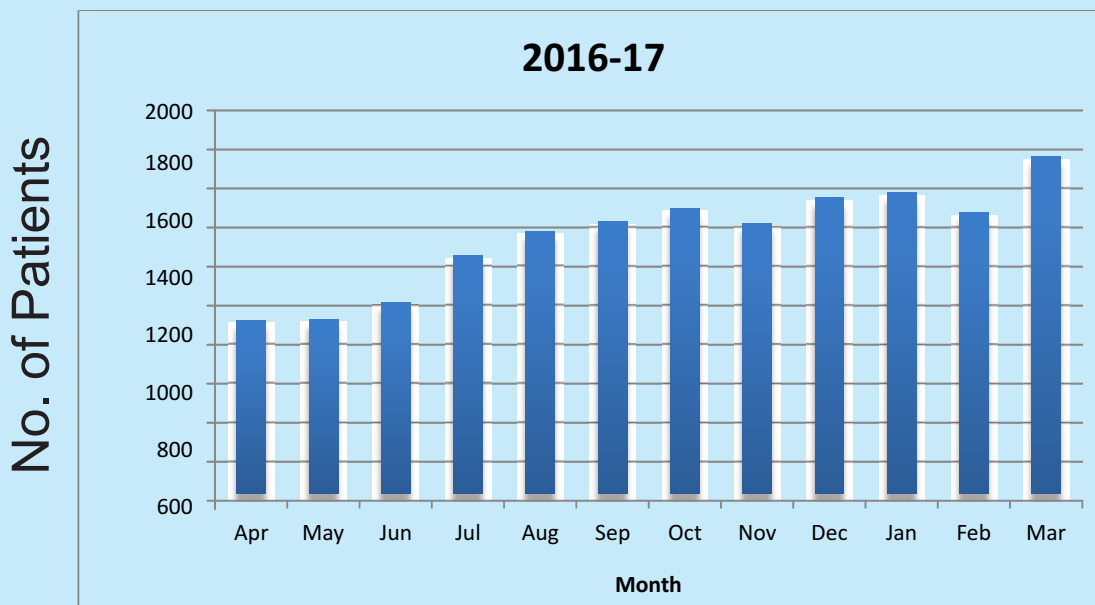
1. Attended the East Zone Conference of ISA from 09th - 11th Sep 2016 at Puri, chaired the “Pro- Con Session”.
2. Attended the IAPC Certificate course on 19th Nov 2016 at AHRCC Cuttack, gave lecture on “Gastrointestinal Symptoms in Palliative Care”.
3. Attended the IAPC Certificate course on 03rd Dec 2016 at AIIMS Bhubaneswar, gave lecture on “Emergency in Palliative Care”.
4. Attended the SDAICON 2016 from 24-25th Dec 2016 at Rourkela, gave lecture on “Drugs during Cardiopulmonary Resuscitation”.
5. Attended the Scientific Writing on 07th-08th Feb 2017 at AIIMS Bhubaneswar.

● **Dr Sangeeta Sahoo**

1. Attended the 6th National Conf. AORA (Academy of Regional Anesthesia) 2016 from 23rd – 25th Sep 2016 at Hyderabad.
2. Attended the Upper and Lower limb USG guided nerve block including advance blocks of lower limb on 25th Sep 2016 at Hyderabad.
3. Attended the Medico-legal aspect of patient care on 17th Jan 2017 at AIIMS Bhubaneswar.

**PATIENT CARE / HOSPITAL SERVICES**

- Total 15793 patients have reported to our Emergency Department which is providing round the clock service since February 2016.



Graphical representation of patient load in Emergency





- Providing anaesthesia service in Emergency Operation Theatre and Routine Operation Theatre. Total 754 no of cases have been operated from October 2016 to March 2017 in the Emergency Operation theatre under general anaesthesia.
- Providing injury report of medico-legal cases.
- Mass Casualty: Thirty-seven patients were transferred to our Emergency Department after fire accident at SUM Hospital in October 2016 and were managed appropriately.
- Provided emergency medical service during “The Ability Marathon” on 3rd Dec 2016 organized by Social Security and Empowerment of Persons with Disabilities Department, Govt. of Odisha.
- Provided Emergency Medical Service during Hon'ble Prime Minister's visit on 15-16th Apr 2017 at Janata Maidan, Bhubaneswar.

### **AWARDS, HONORS & SIGNIFICANT EVENTS**

Dr Upendra Hansda got “Certificate of Excellence in Reviewing Award” from Indian Journal of Clinical Anesthesia by “Innovative Publications”.



## UROLOGY

### FACULTY

Associate Professor

Dr. Prasant Nayak

### HIGHLIGHT

- The department became functional on 27-4-2017 and has been involved in delivery of superspecialist level General Urology, Andrology, Uro-Gynecology and Pediatric Urology Services to the patients of Odisha.
- Several urological procedures including endourological surgeries for prostatic enlargement (TURP) and bladder tumors (TURBT), advanced laparoscopic Urological procedures (laparoscopic Nephrectomy, Adrenalectomy, Pyeloplasty), Uro-oncological surgeries (Radical Cysto- prostatectomy, Radical Nephrectomy, Adrenalectomy) and advanced Uro-reconstructive surgeries (Buccal Mucosal Graft Urethroplasty, Hypospadias repair, Anastomotic Urethroplasties, Transpubic Urethroplasty) are being performed since its inception.

### EDUCATION

- The newly established department has been actively involved in medical training and education of undergraduate MBBS and nursing students.

### CONFERENCES/CME/WORKSHOP ATTENDED PAPER PRESENTED

- **Dr. Prasant Nayak**
  1. Attended the South Zone Urological Society of India Conference (SZUSICO 2016) from 8th - 10th July as invited faculty for the operative workshop and demonstrated a Percutaneous Nephrolithotomy (PCNL) procedure there.
  2. Attended the national conference of Urological Society of India (USICON 2017) in Mumbai from 18th to 21st January as invited faculty and delivered a lecture on Laparoscopic Vesico-Vaginal Fistula (VVF) repair.

### PATIENT CARE / HOSPITAL SERVICES

- Average OPD attendance was nearly 18,000 patients/year including General Urology, Andrology, Uro-Gynecology and Pediatric Urology Services on offer.
- Around 480 no of surgeries/year, including endourological surgeries for prostatic enlargement (TURP) and bladder tumors (TURBT), advanced laparoscopic Urological



procedures (laparoscopic Nephrectomy, Adrenalectomy, Pyeloplasty), Uro-oncological surgeries (Radical Cysto- prostatectomy, Radical Nephrectomy, Adrenalectomy) and advanced Uro-reconstructive surgeries (Buccal Mucosal Graft Urethroplasty, Hypospadias repair, Anastomotic Urethroplasties, Transpubic Urethroplasty).

- The department is set to acquire the essential armamentarium for performing stone surgeries and is planning to start the same soon



## INTERNAL COMPLAINTS COMMITTEE (ICC) ON SEXUAL HARASSMENT ACT

### The ICC, AIIMS Bhubaneswar constitutes of:

Chairperson, ICC	Dr Pranati Nanda (Addl.Prof.)
Member	Dr Sonu H Subba (Addl.Prof)
Member	Dr Manisha Kar (Asso.Prof)
Member	Dr Pravas Ranjan Mishra (Asso.Prof)
Member Secretary	Dr Suchitra Kumari (Asst. Prof)
Member	Mr Bhima Surendra Babu (Nursing Tutor)
External Expert	Mrs Namrata Chadha

Following is the data of activities of ICC, AIIMS Bhubaneswar during the period of 2016-2017.

1.	Number of complaints received	One
2.	Number of complaint disposed of within stipulated period	One
3.	Number of complaint pending	Nil
4.	Details of sensitization programme arranged	<p>Two sensitisation programmes held during the said period.</p> <p>First programme was meant for Faculties (Professors, Additional professors) and Group A and B officers of AIIMS Bhubaneswar. The date of the programme was 7th February 2017. The Director, AIIMS Bhubaneswar addressed the gathering. Chairperson, ICC appraised the gathering about importance of sensitization programme.</p> <p>The key speakers were</p> <p>1. Mrs Snehanjali Mohanty (Social activist and advocate), Member, State Commission for Women, Odisha. <i>Topic:</i> Constitutional rights of women and procedures of Sexual harassment act 2013</p> <p>2. Deputy Director Administration, AIIMS Bhubaneswar <i>Topic:</i> service and conduct rules related to sexual harassment of women at workplace</p>



4.	Details of sensitization programme arranged	<p><b>Second Programme</b> was meant for Faculties (Associate and Assistant Professors) of AIIMS Bhubaneswar. The date of the programme was 28 February 2017. The Director, AIIMS Bhubaneswar addressed the gathering. Chairperson, ICC appraised the gathering about importance of sensitization programme.</p> <p>The key speakers were</p> <ol style="list-style-type: none"><li>1. Mrs Namrata Chadha (Social activist and advocate, Member, Juvenile Justice Board, Odisha) Topic: Constitutional rights of women and procedural aspects of Sexual harassment act 2013.</li><li>2. Deputy Director Administration, AIIMS Bhubaneswar Topic: service and conduct rules related to sexual harassment of women at workplace</li></ol>
5.	Any other activities undertaken by the ICC	<ol style="list-style-type: none"><li>1. Counselling has been provided by the ICC chairman and members to female employees of AIIMS Bhubaneswar whenever sought by them.</li><li>2. 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.</li></ol>



## PATIENT FEED BACK AIIMS BHUBANESWAR 2016-17

The Mera Aspatal patient feedback data is being uploaded regularly from AIIMS, Bhubaneswar hospital site since 6th Sept 2016. The total number of patient visits was 53,028 for the FY 2016-2017 (September 2016 to March 2017) and those with valid phone number were 39,772 during the same period. There were 3792 patients feedback responses, received for the above period. This is to inform you that during that particular period; 76% of the patients stated that they were satisfied regarding the various healthcare delivery services of the hospital. We regularly analyse all of the negative responses and discuss these with various stakeholders/ departmental heads/ administrators/ nurses etc., to address gap areas. We are happy to inform you that at present, we have 89 % satisfactory response as on date. We continuously monitor these feedbacks to improve the health service delivery system at our hospital.

The detailed statistics are given below (see Table 1):

Table 1

Mera Aspataal Performance Report		
For the period: 06-Sep-2016 to 31-Mar-2017		As On:09-Nov-2017 11:06:05
State: All		Facility: AIIMS Bhubaneswar
Indicator: All		Dissatisfaction Indicator: All
Report Type: Cumulative Report		
Sr. No	Indicators	Total
1	<b>Patient Visits</b>	<b>53,028</b>
2	<b>Patients with Valid Phone Numbers</b>	<b>39,772</b>
	Patients with valid phone numbers (%)	76
3	<b>Total Responses</b>	<b>3,792</b>
	Total responses (%)	10
3.1	<b>Very Satisfied</b>	<b>1,351</b>
	Very Satisfied (%)	36
3.2	<b>Satisfied</b>	<b>1,513</b>
	Satisfied (%)	40
3.3	<b>Not Satisfied</b>	<b>928</b>
	Not Satisfied (%)	24
4	<b>Some major Reasons for Dissatisfaction</b>	
	Cleanliness (%)	16
	Cost of treatment (%)	13
	Overcrowding (%)	18
	Other reasons (%)	27



## CONSOLIDATED INFORMATION OF THE RESEARCH ACTIVITIES AIIMS, BHUBANESWAR

### Publications:

Total number of research publications : 205

### Projects:

Total number of Extramural Projects : 30

Total number of Intramural Projects : 69

### Patents:

Number of patents filed : Nil

Number of patents granted : Nil



## Department of Dental Surgery



**“Indian Board of Orthodontics (IBO) Promotion Programme” conducted by the Department of Dental Surgery**



**Department of Dental surgery receiving the Best OPD Award for the year 2016**





A Post-Graduate Symposium in Orthodontics conducted by Department of Dental surgery on 17-04-2017

## Department of General Surgery



Basic Trauma Care workshop organized for House surgeons by the Department of General Surgery

## Department of Microbiology



Inauguration ceremony of the 10<sup>th</sup> Odisha chapter IAMM Annual conference, organized by the Department of Microbiology on 11<sup>th</sup> September, 2016.



Proceedings of the 10<sup>th</sup> Odisha chapter IAMM Annual conference, 11<sup>th</sup> September 2016.

## College of Nursing



Model presentation by B.Sc Nursing students on the occasion of World health



Lamp lighting and oath taking ceremony for 2016 Batch B.Sc Nursing students



Model and poster presentation by B.Sc Nursing students on the occasion of World Diabetes Day



## Department of Psychiatry



Lamp lighting ceremony by (left to right) Dr. Vikas Bhatia, Dean AIIMS Bhubaneswar, Dr Ashok Kumar Mahapatra, Director AIIMS Bhubaneswar, Smt. Usha Devi Minister Women and Child Development, Govt. of Odisha, Mr. Niten Chandra, IAS, Principal Secretary, Ms Mansi Nimbhal IAS, Director Department of Social Security and Empowerment of Persons with Disabilities on the occasion of 'Autism parent empowerment program', conducted by the Department of Psychiatry



Release of Autism booklet on the eve of 'Autism parent empowerment program', conducted by the Department of Psychiatry



## Department of Pulmonary Medicine



**Prof. (Dr) P.R.Mohapatro, Professor & Head, Department of Pulmonary Medicine being felicitated**



**Prof. (Dr) P.R.Mohapatro, Professor & Head, Department of Pulmonary Medicine being felicitated**



## Department of Trauma and Emergency Medicine



Course in Emergency Management, (CEMA) conducted by the Department of Trauma and Emergency Medicine for Nursing students on 5<sup>th</sup> & 6<sup>th</sup> March 2017

Course on Basic Trauma Care conducted by the Department of Trauma and Emergency Medicine for MBBS Interns on 5<sup>th</sup> & 6<sup>th</sup> March 2017



Teaching Faculty for the course on Basic Trauma Care conducted by the Department of Trauma and Emergency Medicine for MBBS Interns on 5<sup>th</sup> & 6<sup>th</sup> March 2017





# ANNUAL ACCOUNT





ALL INDIA INSTITUTE OF MEDICAL SCIENCE, BHUBANESWAR  
SIJUA, PATRAPARA, BHUBANESWAR-751019

BALANCE SHEET AS AT 31st MARCH, 2017

(Amount Rs.)

PARTICULARS	Schedule	Current Year	Previous year
<b>CORPUS/CAPITAL FUND AND LIABILITIES:</b>			
CAPITAL FUND	1	2,978,382,784.52	2,388,432,239.36
RESERVES AND SURPLUS	2	-	-
EARMARKED/ENDOWMENT FUNDS	3	752,568.00	700,000.00
SECURED LOANS AND BORROWINGS	4	-	-
UNSECURED LOANS AND BORROWINGS	5	-	-
DEFERRED CREDIT LIABILITIES	6	-	-
CURRENT LIABILITIES AND PROVISIONS	7	518,944,538.03	97,132,263.02
<b>TOTAL:</b>		<b>3,498,079,890.55</b>	<b>2,486,264,502.38</b>
<b>ASSETS:</b>			
FIXED ASSETS	8	1,941,156,757.26	931,311,971.25
INVESTMENTS-FROM EARMARKED/ENDOWMENT FUNDS	9	-	-
INVESTMENTS-OTHERS	10	-	-
CURRENT ASSETS, LOANS, ADVANCES ETC.	11	1,556,923,133.29	1,554,952,531.13
MISCELLANEOUS EXPENDITURE (to the extent not written off or adjusted)			
<b>TOTAL:</b>		<b>3,498,079,890.55</b>	<b>2,486,264,502.38</b>
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 SCIENCE, BHUBANESWAR**  
SIJUA, PATRAPARA, BHUBANESWAR-751019

**INCOME AND EXPENDITURE ACCOUNT FOR THE PERIOD/YEAR ENDED 31st MARCH, 2017**

(Amount Rs.)

PATICULARS	SCHEDULE	CURRENT YEAR	PREVIOUS YEAR
<b>INCOME</b>			
Income from Sales/Services	12	-	-
Grant/Subsidies	13*	1,067,935,433.13	774,669,116.00
Fees/Subscription	14*	3,195,047.48	4,774,812.78
Income from Investments (Income on Investment from earmarked/endow funds transferred to Funds	15	-	-
Income from Royalty, Publication etc.	16	-	-
Interest Earned	17*	58,182,494.00	6,156,003.00
Other Income	18*	63,321,478.19	36,824,553.32
Increase/(decrease) in stock of Finished goods on works-in-progress	19	-	-
<b>TOTAL (A)</b>		<b>1,192,634,452.80</b>	<b>822,424,485.10</b>
<b>EXPENDITURE</b>			
Establishment Expenses	20*	542,408,236.00	344,777,612.00
Other Administrative Expenses etc.	21*	292,755,568.64	182,571,851.07
Expenditure on Grants, Subsidies etc.	22*	-	-
Interest	23	-	-
Depreciation (Net Total at the year-end-corresponding to Schedule 8)		166,238,930.00	48,053,671.83
<b>TOTAL (B)</b>		<b>1,001,402,734.64</b>	<b>575,403,134.90</b>
Balance being excess of Income over Expenditure (A-B)		191,231,718.16	247,021,350.20
Transfer to Endowment Fund for Medal		-	-
Transfer to /from General Reserve		-	-
<b>BALANCE BEING SURPLUS/(DEFICIT) CARRIED TO CORPUS/CAPITAL FUND</b>		<b>191,231,718.16</b>	<b>247,021,350.20</b>
<b>SIGNIFICANT ACCOUNTING POLICIES</b>	24		
<b>CONTINGENT LIABILITIES AND NOTES ON ACCOUNTS</b>	25		

Note: " \* " These schedules reflect items in Income & Expenditure Statements.

For and on behalf of All India Institute of Medical Sciences, Bhubaneswar

4  
Financial Advisor

Director



ALL INDIA INSTITUTE OF MEDICAL SCIENCE, BHUBANESWAR  
SIJJA, PATRAPARA, BHUBANESWAR-751019

RECEIPTS & PAYMENTS FOR THE PERIOD/YEAR ENDED 31st MARCH, 2017

RECEIPTS				PAYMENTS			
	Schedule	Current Year	Previous Year		Schedule	Current Year	Previous Year
<b>I. Opening Balances</b>				<b>I. Expenses</b>			
a) Cash in Hand				a) Establishment Expenses	20	519,186,882.99	337,465,704.00
b) Bank Balances				b) Administrative Expenses	21	282,874,923.64	179,592,247.07
i) In Current A/C No-556420110000345				<b>II. Payment made against funds for various projects</b>	22	-	-
ii) In Current A/C No-557820110000000E		1,457,266,612.80	632,579,702.77				
iii) In Current A/C No-557820110000000E							
iv) In Deposit Account		70,000,000.00	70,000,000.00				
v) Bank A/c No-33156583943							
<b>II. Grants Received</b>				<b>III. Investments and Deposits made</b>			
a) From Government of India				a) Out of Earmarked/Endowment Funds		250,000.00	450,000.00
Capital	13	400,000,000.00	1,210,000,000.00	b) Out of Own Funds (Investment others)			
Revenue	13	1,071,900,000.00	770,000,000.00				
b) From State Government				<b>IV. Expenditure on Fixed Assets</b>			
c) From Other Sources	13	(3,964,566.87)	4,807,825.00	a) Purchase of Fixed Assets	8	364,183,208.50	291,313,415.00
				b) Expenditure on Capital Work-in-Progress	8	433,815,917.50	395,987,993.00
<b>III. Income on Investments from:</b>				<b>V. Refund of Surplus Money/Loans</b>			
a) Earmarked/Endowment Funds				a) To the Government of India			
i) Student Bervolent Fund		14,750.00	4,329.00	b) To the State Government			
ii) Interest out of Endowment fund - Gairk Medal		52,568.00	-	c) To Other providers of fund			
b) Own Funds (Other than Investment)				<b>VI. Finance Charges</b>			
c) Research Grant - unutilised		8,879,676.00	-	<b>VII. Other Payments (Specify)</b>	11		
<b>IV. Interest Received</b>				a) Advance for Capital Expenses		5,966,667.00	(3,462,876.00)
a) On Bank Deposits	17	52,161,710.00	-	b) Advance for Expenses Employees		(289,229.00)	789,617.00
				c) Advance for Expenses (Others)		(1,500,500.00)	500.00
<b>V. Other Income (Specify)</b>				<b>VIII. Closing Balances</b>	11		
a) Application Fees	14	1,972,664.48	3,967,444.70	a) Cash in Hand			
b) Admission Fees (Students)	14	1,196,693.00	878,948.00	b) Bank Balances			
c) Examination Fees	14	23,190.00	18,500.00	i) In Current A/C No-556420110000345			
d) Other Fees	14	2,500.00	9,920.00	ii) In Current A/C No-557820110000000E		(10,324,119.04)	1,457,266,612.80
<b>VI. Amount Borrowed/Advance</b>				iii) BOI - Research Account		2,539,178.00	-
EMD from Contractors		650,088.00	332,140.00	iv) In Deposit Account		70,000,000.00	70,000,000.00
<b>VII. Any Other Receipts</b>	18	63,271,478.19	36,374,404.32	v) Autosweep with BOI		1,456,524,434.00	-
<b>TOTAL:</b>		<b>3,123,227,363.50</b>	<b>2,729,123,212.87</b>	<b>TOTAL:</b>		<b>3,123,227,363.50</b>	<b>2,729,123,212.87</b>

For and on behalf of All India Institute of Medical Sciences, Bhubaneswar

Financial Advisor

Director



ALL INDIA INSTITUTE OF MEDICAL SCIENCE, BHUBANESWAR  
SIJUA, PATRAPARA, BHUBANESWAR-751019

SCHEDULE FORMING PART OF BALANCE SHEET AS AT 31st MARCH, 2017

DETAILS OF SCHEDULE-1 : CORPUS/CAPITAL FUND

PARTICULARS	Current Year (In Rs.)	Previous Year (In Rs.)
Balance as at beginning of the year as on 01.04.2016	2,388,432,239.36	931,410,889.16
Add: Contribution towards Corpus/Capital Fund	400,000,000.00	1,210,000,000.00
Add/(Deduct): Balance of net income/(expenditure) transferred from the Income and Expenditure Account	191,231,718.16	247,021,350.20
Less: Recovery Of Mobilization Advance Interest for the year 2015-2016	1,281,173.00	
Balance as at the year end	2,978,382,784.52	2,388,432,239.36

For and on behalf of All India Institute of Medical Sciences, Bhubaneswar

  
Financial Advisor

  
Director



ALL INDIA INSTITUTE OF MEDICAL SCIENCE, BHUBANESWAR  
SIJUA, PATRAPARA, BHUBANESWAR-751019

DETAILS OF SCHEDULE-2 : RESERVES AND SURPLUS

PARTICULARS	CURRENT YEAR (In Rs.)		PREVIOUS YEAR (In Rs.)	
<b>1. Capital Reserve:</b>				
As per last Account				
Addition during the year				
Less: Deductions during the year		-		-
<b>2. Revaluation Reserve</b>				
As per last Account				
Addition during the year				
Less: Deductions during the year		-		-
<b>3. Special Reserve</b>				
As per last Account				
Addition during the year				
Less: Deductions during the year		-		-
<b>4. General Reserve</b>				
As per last Account				
Addition during the year				
Less: Deductions during the year		-		-
<b>TOTAL:</b>		-		-

For and on behalf of All India Institute of Medical Sciences, Bhubaneswar

  
Financial Advisor

  
Director



ALL INDIA INSTITUTE OF MEDICAL SCIENCE, BHUBANESWAR  
SIJUA, PATRAPARA, BHUBANESWAR-751019

DETAILS OF SCHEDULE-3 : EARMARKED/ENDOWMENT FUNDS

PARTICULARS	FUND-WISE BREAK UP		TOTAL	
	Fund for Medals	Current year	Previous year	
a) <u>Opening balance of the funds</u>				
b) <u>Addition to the Funds:</u>				
i. Donation/grants	700,000.00	700,000.00	700,000.00	
ii. Income from investments made on account of funds				
iii. Other additions (Specify nature)				
Interest out of Endowment fund for Gold Medal	52,568.00	52,568.00		
<b>TOTAL: (a+b)</b>	<b>752,568.00</b>	<b>752,568.00</b>	<b>700,000.00</b>	
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>				
<b>TOTAL: c</b>				
<b>NET BALANCE AS AT THE YEAR END (a+b-c)</b>	<b>752,568.00</b>	<b>752,568.00</b>	<b>700,000.00</b>	
<u>Notes</u>				
1) Disclosures shall be made under relevant heads on conditions attaching to the grants.				
2) Plan Funds received from the Central/State Governments are to be shown as separate Funds and not to be mixed up with any other Funds.				

For and on behalf of All India Institute of Medical Sciences, Bhubaneswar

  
Financial Advisor

  
Director



ALL INDIA INSTITUTE OF MEDICAL SCIENCE, BHUBANESWAR  
SIJUA, PATRAPARA, BHUBANESWAR-751019

DETAILS OF SCHEDULE-4 : SECURED LOANS AND BORROWINGS

PARTICULARS	Current Year (In Rs.)		Previous Year (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				
<b>Total</b>				
<b>Note: Amounts due within one year</b>				

For and on behalf of All India Institute of Medical Sciences, Bhubaneswar

  
Financial Advisor

  
Director



ALL INDIA INSTITUTE OF MEDICAL SCIENCE, BHUBANESWAR  
SIJUA, PATRAPARA, BHUBANESWAR-751019

DETAILS OF SCHEDULE-5 : UNSECURED LOANS & BORROWINGS

PARTICULARS	Current Year (In Rs.)	Previous Year (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)		
<b>TOTAL:</b>		
<b>Note: Amounts due within one year</b>		

For and on behalf of All India Institute of Medical Sciences, Bhubaneswar

  
Financial Advisor

  
Director





ALL INDIA INSTITUTE OF MEDICAL SCIENCE, BHUBANESWAR  
SIJUA, PATRAPARA, BHUBANESWAR-751019

DETAILS OF SCHEDULE-6 : DEFERRED CREDIT LIABILITIES

PARTICULARS	Current Year (In Rs.)	Previous Year (In Rs.)
a) Acceptances secured by hypothecation of capital equipment and other assets		
b) Others		
<b>TOTAL:</b>		
<b>Note: Amounts due within one year</b>		

For and on behalf of All India Institute of Medical Sciences, Bhubaneswar

  
Financial Advisor

  
Director



ALL INDIA INSTITUTE OF MEDICAL SCIENCE, BHUBANESWAR  
SIJUA, PATRAPARA, BHUBANESWAR-751019

DETAILS OF SCHEDULE-7 : CURRENT LIABILITIES AND PROVISIONS

PARTICULARS	Current Year (In Rs.)		Previous Year (In Rs.)	
<b>A. CURRENT LIABILITIES</b>				
1. Acceptances			-	-
2. Sundry Creditors:				
a) For Goods			-	-
b) Others		34,147,616.00		24,265,742.00
A K Dey & Night Medicine Store	33,670.00		99,978.00	
Akash Travels	-		74,900.00	
Alakananda Advertisement Pvt. Ltd	1,491,587.00		1,118,494.00	
Ananda Industrial Gases	259,461.00		90,000.00	
Appasamy Associates	96,600.00		-	
Balmer Lawrie & Co Ltd (Travel Exp.)	451,156.00		184,707.00	
Bhubaneswari Enterprise	245,828.00		-	
Bindu Creative	34,834.00		-	
Bombay Intelligent Security Services	5,055,951.00		-	
CESU (Electricity Charges)	2,726,334.00		1,861,073.00	
CL Micromed Pvt Ltd	371,837.00		-	
Debasis Behera -Newspaper for Cental Library	-		4,694.00	
Debharayan Bose	238,290.00		-	
Dhanurdhar Sahoo	39,000.00		-	
Discovery	134,350.00		67,882.00	
Dr Khann's Pathocare Pvt. Ltd	2,572,145.00		5,923,600.00	
EMCO Equipments Pvt. Ltd.	-		578,480.00	
Everest Pharma Agency	-		325,979.00	
Galaxy Medicare Limited	655,180.00		820,246.00	
Godrej & Boyce Co Ltd	459,844.00		-	
Happy Travels (Hiring Charges of Vehicle)	495,834.00		268,954.00	
Hari Om Enterprise	145,014.00		-	
IPAI Odisha	-		90,580.00	
Konark Enterprises	3,000.00		-	
Lab Solutions	-		60,800.00	
Luminous Infoways Pvt. Ltd.	497,081.00		274,000.00	
Maa Kanak Durga	4,362,898.00		2,339,557.00	
Mahalaxmi Steels	193,912.00		-	
Mahapatra Pharmaceuticals	-		59,700.00	
Mahapatra Scientific Supply Syndicate	118,772.00		-	
Manoj Kumar Mohanty	493,427.00		-	
Medi Plus	840.00		-	
Medico International	-		111,554.00	
Natraj Pharmaceuticals	-		369,178.00	
NIFT (Mess Charges)	91,575.00		91,575.00	
NIPI Coordinator Remuneration Payable	-		138,709.00	
Noble Enterprises	1,478,158.00		14,484.00	
Oriental securities & intelgency service	-		2,775,000.00	
Pankaj Trading Co	-		14,400.00	
Pattanaik Scientific Supply Syndicate	186,833.00		-	
Phoenix Medical Systems Pvt Ltd	84,158.00		-	
Postal Charges Payable	17,479.00		10,104.00	
Rajesh Mohanty	81,907.00		-	
Recruitment Expenses payable to AIIMS Patna	980,098.00		-	
Reimburshment of Telephone bill	207,427.00		103,646.00	
Repair & Maintenance Work payable	57,783.00		-	
Rose Drug House	-		5,637.00	
Sani clean private limited	158,950.00		90,555.00	
Sayoni	2,212,002.00		93,530.00	



Security & Intelligence Services (I) Ltd	2,474,385.00		3,759,515.00	
Shree Sai Service	204,587.00		110,000.00	
SN Catrdge Care	39,040.00		-	
Sulabh International (Cleaning Charges)	3,669,665.00		929,443.00	
Tata Tele Services	863.00		-	
Tatwa Technologies	137,121.00		-	
Telephone Charges Payable	325,100.00		325,100.00	
The Science World	-		9,488.00	
The Statesman	943.00		-	
Unique Distributors	247,641.00		693,982.00	
United Industries	-		305,283.00	
Urbasi Tent House	16,665.00		-	
Vishal Surgical Equipment Co	98,000.00		-	
Water Charges Payable	205,398.00		70,985.00	
		339,317,077.00		258,397.00
A K Dey & Night Medicine Store - Assets	-		14,940.00	
Ahuja Books Company - Assets	216,530.00		-	
Ahuja Surgical - Assets	630,000.00		-	
Anand Prakashan - Assets	15,476.00		-	
Axess Medicom Pvt Ltd - Assets	97,812.00		-	
Benson Medical Equipment - Assets	710,581.00		-	
Bharat Educational Store - Assets	96,500.00		-	
Bhubaneswar Dental Point - Assets	14,990.00		99,000.00	
Capital Traders - Assets	133,501.00		133,501.00	
City Book Shop - Assets	503,660.00		-	
Cure Sugical - Assets	99,908.00		-	
HLL Life Care - Assets	306,566,158.00		-	
HSCC India Limited - Assets	7,660,949.00		-	
International Book Agency - Assets	391,658.00		-	
International Subscription Agency - Assets	3,027,582.00		-	
Ippra Soft Solutions - Assets	18,000.00		-	
Krishak Sathi - Assets	99,300.00		-	
Lab India - Assets	2,353,284.00		-	
Mohanty & Co - Assets	69,500.00		-	
Netcom Infotech Pvt Ltd - Assets	638,568.00		-	
Olympus Opto Systems India Pvt Ltd - Assets	2,401,063.00		-	
Om Surgical - Assets	-		10,956.00	
Orange Bio Science Products Pvt Ltd - Assets	63,650.00		-	
Payable for purchase of Book- P k Ray- Asset	523.00		-	
Rabindra Surgical Pvt Ltd - Assets	572,418.00		-	
Rattan Sales Corporation - Assets	399,263.00		-	
Rioni India Lab Water Systems Pvt Ltd - Assets	442,125.00		-	
Shree Yash trading Co - Assets	374,633.00		-	
Sulabh Suricals - Assets	14,900.00		-	
Swagat International - Assets	4,800.00		-	
Total Library Solutions - Assets	8,623,728.00		-	
Trasasis - Assets	94,947.00		-	
Ummed Surgical & Pharma- Assets	14,983.00		-	
Villa India - Assets	2,966,087.00		-	
3. Advances Received				-
4. Interest accrued but not due on:				-
a) Secured Loans/borrowings				-
b) Unsecured Loans/borrowings				-
5. Statutory Liabilities:		6,472,368.03		2,751,402.02
a) Overdue				-
b) Others				-
TDS-Income Tax Payable-Non-Salary	771.00		2,000.00	
Professional tax payable	(1,600.00)		(1,800.00)	
NPS Deduction	2,620,234.03		921,994.02	
CPF & EPF Contributions	326,827.00		40,000.00	
E H S Contributions	3,525,458.00		1,789,208.00	



CGEGIS Contribution	178.00		-	
Scooter Advance	500.00		-	
<b>6. Other Current Liabilities</b>		<b>101,934.00</b>		<b>87,184.00</b>
a) Fees Refundable to students	45,856.00		45,856.00	
Student Benevolent Fund	19,078.00		4,328.00	
Caution Money from Students	37,000.00		37,000.00	
b) Earnest Money Deposit		12,827,114.00	-	12,177,026.00
c) Salary Payable		49,362,565.00		29,863,407.00
Regular Staff	35,469,764.00		21,512,100.00	
Contractual Staff	13,033,601.00		8,351,307.00	
Stipend Payable	859,200.00			
d) Other Payables		68,036,188.00		27,729,105.00
Internal Electrical BOQ	2,088,693.00		2,088,693.00	
Recovery of Mobilisation Advance - Principal	16,420,501.00		6,169,897.00	
Recovery of Mobilisation Advance - Interest	3,287,182.00			
Recovery of Secured Advance	30,385,104.00		13,274,341.00	
Security Kept from Contractors	9,591,512.00		282,978.00	
Withheld Amount from Contractors	6,263,196.00		5,913,196.00	
e) Research Grant - Pending Utilisation		8,679,676.00		
<b>TOTAL: (A)</b>		<b>518,944,538.03</b>		<b>97,132,263.02</b>
<b>B. PROVISIONS</b>				
1. For Taxation				
2. Gratuity				
3. Superannuation/Pension				
4. Accumulated Leave Encashment				
5. Trade Warranties/Claims				
6. Others (Specify)				
<b>TOTAL: (B)</b>				
<b>TOTAL: (A+B)</b>		<b>518,944,538.03</b>		<b>97,132,263.02</b>

For and on behalf of All India Institute of Medical Sciences, Bhubaneswar

  
Financial Advisor

  
Director



ALL INDIA INSTITUTE OF MEDICAL SCIENCE, BHUBANESWAR  
 SUJAN, PATRAPAPA, BHUBANESWAR-751018  
**DETAILS OF SCHEDULE-8: FIXED ASSETS**

DESCRIPTION	Rate of Depreciation	GROSS BLOCK (in Rs.)				DEPRECIATION (in Rs.)			NET BLOCK	
		Cost/valuation at beginning of the year	Addition during the year	Deduction during the year	Cost/valuation at the year-end	On Addition & Opening During the year	During the year	Total up to the year-end	As at the current year-end	As at the previous year-end
<b>FIXED ASSETS:</b>										
LAND										
a) Freehold	0%									
b) Leased	0%	2.00							2.00	
<b>BUILDINGS</b>										
a) On Freehold Land	0%									
b) On Leased Land	0%									
c) Ownership: Full/Part	0%									
d) Superstructure on Land not belonging to the entity	0%									
e) Consensus Coi in AIMS Building	10%	402,851.00								
<b>PLANTS, MACHINERY &amp; EQUIPMENT</b>										
VEHICLES	15%		7,195,536.00					29,165.00	140,135.30	231,683.70
FURNITURE & FIXTURES	15%									
OFFICE EQUIPMENTS	10%	1,196,325.00								
SCIENTIFIC EQUIPMENTS	15%	52,005,385.00	20,842,142.00					12,359.00	609,403.10	809,323.00
a) Scientific Equipments-AIMS	15%	14,091,935.00	4,371,187.00					5,375,185.00	12,659,047.01	44,906,306.89
b) Scientific Equipments-HLL	15%	284,712,704.00	387,659,355.00					1,871,864.00	12,729,705.85	10,029,412.55
COMPUTER PERIPHERALS	60%	290,000,000.00	540,209,485.50	250,000,000.00				47,293,792.00	120,126,678.87	191,818,819.33
ELECTRIC INSTALLATIONS	10%	31,811,207.00	412,298.00					106,842,850.00	434,356,925.50	249,559,041.00
LIBRARY BOOKS	50%	8,558,359.00						3,806,554.00	2,623,454.29	9,019,722.29
<b>TOTAL OF CURRENT YEAR (A)</b>		612,783,605.00	12,639,937.00	250,000,000.00	21,384,726.00	4,327,035.27	2,698,374.00	1,041,597,531.76	14,501,321.73	4,228,358.73
<b>Capital Work in Progress</b>										
Building Works										
a) Building Work		103,650,003.00	267,889,888.00							
b) Central AC		14,306,359.00								
c) Electrification		31,236,331.00	6,319,762.00							
d) Project Fund		274,532,495.00	180,000,000.00							
<b>For Equipments from HLL</b>										
<b>TOTAL OF CURRENT YEAR(B)</b>		423,717,098.00	18,657,476.50		15,652,476.50				15,652,476.50	
<b>TOTAL OF CURRENT YEAR(A+B)</b>		1,036,499,703.00	1,426,053,710.00		2,372,598,476.50	105,188,731.74	186,849,809.00	410,868.00	1,941,165,767.26	433,717,098.00

For and on behalf of All India Institute of Medical Sciences, Bhubaneswar

Financial Advisor

Director



ALL INDIA INSTITUTE OF MEDICAL SCIENCE, BHUBANESWAR  
SIJUA, PATRAPARA, BHUBANESWAR-751019

DETAILS OF SCHEDULE-9 : INVESTMENTS FROM EARMARKED/ENDOWMENT FUNDS

PARTICULARS	Current Year	Previous Year
	(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)		
<b>TOTAL</b>		

For and on behalf of All India Institute of Medical Sciences, Bhubaneswar

  
Financial Advisor

  
Director



**ALL INDIA INSTITUTE OF MEDICAL SCIENCE, BHUBANESWAR  
SIJUA, PATRAPARA, BHUBANESWAR-751019**

**DETAILS OF SCHEDULE-10 : INVESTMENT OTHERS**

<b>PARTICULARS</b>	<b>Current Year (In Rs.)</b>	<b>Previous Year (In Rs.)</b>
<b>1. In Government Securities</b>		
<b>2. Other Approved Securities</b>		
<b>3. Shares</b>		
<b>4. Debentures and Bonds</b>		
<b>5. Subsidiaries and Joint Ventures</b>		
<b>6. Others (to be specified)</b>		
<b>TOTAL</b>		

**For and on behalf of All India Institute of Medical Sciences,**

  
Financial Advisor

  
Director



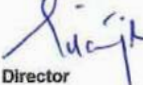
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SIJUA, PATRAPARA, BHUBANESWAR-751019

DETAILS OF SCHEDULE-11: CURRENT ASSETS, LOANS, ADVANCES ETC.

PARTICULARS	CURRENT YEAR		PREVIOUS YEAR	
	(In Rs.)	(In Rs.)	(In Rs.)	(In Rs.)
<b>A. CURRENT ASSETS:</b>				
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)				
4. <u>Bank Balances:</u>				
a) <u>With Scheduled Banks:</u>				
-On Current Accounts				
Bank of India A/c No-557820110000006	(10,324,119.04)		1,457,266,812.80	
-On Deposit Accounts (includes margin money)	70,000,000.00		70,000,000.00	
-On Fixed Deposit - (Award Money)	700,000.00		450,000.00	
-On Savings Accounts	-		-	
-On Research Account-557820110000020	2,539,178.00		-	
-On Patient Treatment A/c-557820110000019	-		-	
-On Endowment A/c-557820110000021	-		-	
-On GPF A/c-557820110000022	-		-	
-On Pension Fund A/c-557820110000023	-		-	
-On Auto Sweep Account - Research	6,215,952.00		-	
-On Auto Sweep Account - General	1,450,308,482.00		-	
	1,519,439,492.96	1,519,439,492.96	1,527,716,612.80	1,527,716,612.80
b) <u>With Non-Scheduled Bank:</u>				
-On Current Accounts				
-On Deposit Accounts				
-On Savings Accounts				
	-	-	-	-
5. <u>TDS Receivables</u>	85,000.00	85,000.00	35,000.00	35,000.00
<b>TOTAL (A)</b>		1,519,524,492.96		1,527,751,612.80

For and on behalf of All India Institute of Medical Sciences, Bhubaneswar

  
Financial Advisor

  
Director





ALL INDIA INSTITUTE OF MEDICAL SCIENCE, BHUBANESWAR  
SJJUA, PATRAPARA, BHUBANESWAR-751019

DETAILS OF SCHEDULE-11: CURRENT ASSETS, LOANS, ADVANCES ETC. (Contd.)

PARTICULARS	CURRENT YEAR		PREVIOUS YEAR	
	(In Rs.)	(In Rs.)	(In Rs.)	(In Rs.)
<b>B. LOANS, ADVANCES AND OTHER ASSETS</b>				
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	5,998,791.00		32,124.00	
b) Prepayments				
c) Others:				
Advance for Expenses (Employees) - Annexure-B	555,999.00		845,228.00	
Advance to Other Parties - Annexure - C	5,856.00		1,506,356.00	
Security Deposits - Annexure - D	8,713,058.00		8,713,058.00	
		15,273,704.00		11,096,766.00
3. <u>Income Accrued:</u>				
a) On Investments from Earmarked/Endowment Funds				
b) On Investments-Others				
c) On Deposit with Bank	22,124,936.33		16,104,152.33	
d) On Rent from Bank				
		22,124,936.33		16,104,152.33
4. <u>Claims Receivable</u>				
<b>TOTAL (B)</b>		37,398,640.33		27,200,918.33
<b>TOTAL (A+B)*</b>		1,556,923,133.29		1,554,952,531.13

For and on behalf of All India Institute of Medical Sciences, Bhubaneswar

  
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Director



ALL INDIA INSTITUTE OF MEDICAL SCIENCE, BHUBANESWAR  
SIJUA, PATRAPARA, BHUBANESWAR-751019

**DETAILS OF ANNEXURE-A TO SCHEDULE 11: ADVANCE TO OTHER PARTIES**

NAME OF THE PARTIES	CURRENT YEAR	PREVIOUS YEAR
	(In Rs.)	(In Rs.)
<b>Advance to CPWD</b>		
a) Executive Engineer BCD-II CPWD, BBSR	5,966,667.00	-
<b>Advance to State PH Division</b>		
b) E E P.H Division-iii ( for water line pipe connection)	32,124.00	32,124.00
<b>TOTAL</b>	<b>5,998,791.00</b>	<b>32,124.00</b>

**DETAILS OF ANNEXURE-B TO SCHEDULE 11: ADVANCE TO EMPLOYEES**

NAME OF THE PARTIES	CURRENT YEAR	PREVIOUS YEAR
	(In Rs.)	(In Rs.)
1 Dr.Chandan Patnaik	-	61,000.00
2 Pradeep Kumar Mahalik	-	187,000.00
3 Dr.Dharitri Swain	-	5,000.00
4 Dr.Manoj Kumar Mohanty	116,110.00	-
5 Dr.Pravas Ranjan Mishra	45,353.00	52,856.00
6 Dr.Debasish Hota	5,000.00	4,998.00
7 Dr.Ashoka Mahapatra	-	5,908.00
8 Dr.Ashok Kumar Praharaj	5,800.00	14,100.00
9 Dr.Binod Kumar Patro	-	47,956.00
10 Dr.Prabeer Chandra Mohanty	42,300.00	42,300.00
11 Dr.Rasmi Ranjan Das	(34.00)	(34.00)
12 Dr.Soubhagya Kumar Jena	2,400.00	2,400.00
13 Dr.Susama Patra	2,844.00	2,844.00
14 Dr.Sushil Chandra Mohapatra	20,000.00	20,000.00
15 Mr.Siba Sankar Sahoo	(2,508.00)	269,646.00
16 Mr.Biswajit Das	(39,890.00)	106,164.00
17 Dr.Vikash Bhatia	71,360.00	(2,359.00)
18 Dr.Babita Raghuvansi	4,347.00	-
19 Dr.C Preetam	15,000.00	-
20 Dr.Dillip Kumar Parida	15,000.00	-
21 Dr.Jayant Kumar Mitra	28,140.00	-
22 Dr.Suravi Patra	15,000.00	-
23 Pradip Kumar Ray	15,000.00	-
24 Dr. Jayant Kumar Biswal	1,080.00	-
25 Dr. Manoj Kumar Mohanty ( Prof )	42,870.00	-
26 Dr.Mukunda Chandra Sahoo	13,000.00	-
27 Dr.Somnath Padhi	15,000.00	-
28 Dr. Sucheta Parija	15,000.00	-
29 Dr.Sujana Mohanty	45,000.00	-
30 Dr.Swagat Tripathy	8,300.00	-
<b>Imprest Advance</b>		
1 HOD- Community Medicines	23,000.00	23,000.00
2 HOD-Anatomy	-	-
3 HOD-General Surgery	7,050.00	2,100.00
4 HOD-Radiodiagnosis	-	(62.00)
5 Hostel Warden Imprest	(21.00)	(21.00)
6 HOD- Radiation Oncology Department	-	-
7 SE - AIIMS Bhubaneswar	-	432.00
8 Chairman Research Cell	1,198.00	-
9 Chief Warden & Chairman Hostel Committee	5,000.00	-
10 HOD Dermatology & Venercology	5,000.00	-
11 HOD Gynecology & Obstretics	5,000.00	-



12 HOD Pediatrics	2,000.00	-
13 HOD Pediatrics Surgery	1,300.00	-
14 HOD Surgical Oncology	5,000.00	-
<b>TOTAL</b>	<b>555,999.00</b>	<b>845,228.00</b>

**DETAILS OF ANNEXURE-C TO SCHEDULE 11: ADVANCE TO OTHER PARTIES**

NAME OF THE PARTIES	CURRENT YEAR	PREVIOUS YEAR
	(In Rs.)	(In Rs.)
1 AIIMS Patna	-	1,505,856.00
2 Water Charges Receivable from Bank Of India		500.00
3 Admission Fees receivable from Students - AIIMS Patna	5,856.00	-
<b>TOTAL</b>	<b>5,856.00</b>	<b>1,506,356.00</b>

**DETAILS OF ANNEXURE-D TO SCHEDULE 11: SECURITY DEPOSIT**

NAME OF THE PARTIES	CURRENT YEAR	PREVIOUS YEAR
	(In Rs.)	(In Rs.)
1 CESU - Security Deposit	8,588,058.00	8,588,058.00
2 Security Deposit with NIFT	125,000.00	125,000.00
<b>TOTAL</b>	<b>8,713,058.00</b>	<b>8,713,058.00</b>

For and on behalf of All India Institute of Medical Sciences, Bhubaneswar

  
Financial Advisor

  
Director



ALL INDIA INSTITUTE OF MEDICAL SCIENCE, BHUBANESWAR  
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DETAILS OF SCHEDULE-12: INCOME FROM SALES/SERVICE

PARTICULARS	CURRENT YEAR	PREVIOUS YEAR
	(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)		
<b>TOTAL</b>	-	-

For and on behalf of All India Institute of Medical Sciences, Bhubaneswar

  
Financial Advisor

  
Director



**ALL INDIA INSTITUTE OF MEDICAL SCIENCE, BHUBANESWAR  
SIJUA, PATRAPARA, BHUBANESWAR-751019**

**DETAILS OF SCHEDULE-13: GRANTS/SUBSIDIES**

PARTICULARS	CURRENT YEAR	PREVIOUS YEAR
	(In Rs.)	(In Rs.)
(Irrevocable Grants & Subsidies Received)		
1. Central Government		
Capital Grants	400,000,000.00	1,210,000,000.00
Revenue Grants	1,071,900,000.00	770,000,000.00
2. State Government (s)		
3. Government Agencies		
4. Institutions/Welfare Bodies		
5. International Organisations		
6. Others (Specify)		
a) Grant Amount received		
AIIMS Raipur	-	26,780.00
Fenspride Research Project	-	3,000.00
Genetic Symposium- Dept of Physiology	(27,284.00)	51,000.00
ICMR Grant	(827,677.00)	853,527.00
Jivdaya Foundation	(101,654.87)	102,435.00
NRHM - Odisha	-	(180,000.00)
Peadeatric Research Project	(16,500.00)	2,000.00
Pharmacology Dept Research Project	-	5,000.00
UNICEF Grant	(3,351,443.00)	3,797,589.00
Institutional Overhead	227,640.00	-
Rastriya Arogya Nidhi	27,212.00	-
West Bengal Welfare Fund	20,000.00	-
b) Assistant Amount received		
from CM Relief Fund	-	65,000.00
from PM Relief Fund	85,140.00	81,494.00
<b>TOTAL</b>	<b>1,467,935,433.13</b>	<b>1,984,807,825.00</b>

For and on behalf of All India Institute of Medical Sciences, Bhubaneswar

  
Financial Advisor

  
Director



ALL INDIA INSTITUTE OF MEDICAL SCIENCE, BHUBANESWAR  
SIJUA, PATRAPARA, BHUBANESWAR-751019

DETAILS OF SCHEDULE-13\*: GRANTS/SUBSIDIES

PARTICULARS	CURRENT YEAR	PREVIOUS YEAR
	(In Rs.)	(In Rs.)
(Irrevocable Grants & Subsidies Received)		
1. Central Government		
Revenue Grants	1,071,900,000.00	770,000,000.00
2. State Government (s)		
3. Government Agencies		
4. Institutions/Welfare Bodies		
5. International Organisations		
6. Others (Specify)		
a) Grant Amount received		
AIIMS Raipur	-	26,780.00
Fenspride Research Project	-	3,000.00
Genetic Symposium- Dept of Physiology	(27,284.00)	51,000.00
ICMR Grant	(827,677.00)	853,527.00
Jivdaya Foundation	(101,654.87)	102,435.00
NRHM - Odisha	-	(180,000.00)
Peadeatric Research Project	(16,500.00)	2,000.00
Pharmacology Dept Research Project	-	5,000.00
UNICEF Grant	(3,351,443.00)	3,658,880.00
Institutional Overhead	227,640.00	-
Rastriya Arogya Nidhi	27,212.00	-
West Bengal Welfare Fund	20,000.00	-
b) Assistant Amount received		
from CM Relief Fund	-	65,000.00
from PM Relief Fund	85,140.00	81,494.00
	-	-
<b>TOTAL</b>	<b>1,067,935,433.13</b>	<b>774,669,116.00</b>

For and on behalf of All India Institute of Medical Sciences, Bhubaneswar

  
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ALL INDIA INSTITUTE OF MEDICAL SCIENCE, BHUBANESWAR  
SIJUA, PATRAPARA, BHUBANESWAR-751019

DETAILS OF SCHEDULE-14: FEES/SUBSCRIPTIONS

PARTICULARS	CURRENT YEAR	PREVIOUS YEAR
	(In Rs.)	(In Rs.)
1. Application Fees	1,972,664.48	3,867,444.78
2. Admission Fees (Students)	1,196,693.00	878,948.00
3. Examination Fees	23,190.00	18,500.00
4. Fine Collection	2,500.00	9,920.00
<b>TOTAL</b>	<b>3,195,047.48</b>	<b>4,774,812.78</b>

For and on behalf of All India Institute of Medical Sciences, Bhubaneswar

  
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Director



ALL INDIA INSTITUTE OF MEDICAL SCIENCE, BHUBANESWAR  
SIJUA, PATRAPARA, BHUBANESWAR-751019

DETAILS OF SCHEDULE-14\*: FEES/SUBSCRIPTIONS

PARTICULARS	CURRENT YEAR	PREVIOUS YEAR
	(In Rs.)	(In Rs.)
1. Application Fees	1,972,664.48	3,867,444.78
2. Admission Fees (Students)	1,196,693.00	878,948.00
3. Examination Fees	23,190.00	18,500.00
5. Fine Collection	2,500.00	9,920.00
<b>TOTAL</b>	<b>3,195,047.48</b>	<b>4,774,812.78</b>

For and on behalf of All India Institute of Medical Sciences, Bhubaneswar

  
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Director





**ALL INDIA INSTITUTE OF MEDICAL SCIENCE, BHUBANESWAR  
SIJUA, PATRAPARA, BHUBANESWAR-751019**

**DETAILS OF SCHEDULE-15: INCOME FROM INVESTMENTS**

PARTICULARS	Investment from Earmarked Fund		Investment-Others	
	Current Year	Previous Year	Current Year	Previous Year
(Income on Investment from Earmarked/Endowment Funds transferred to Funds)				
1. Interest				
a) On Govt. Securities				
b) Other Bonds/Debentures				
2. Dividends:				
a) On Shares				
b) On Mutual Fund Securities				
3. Rents				
4. Others (Specify)				
<b>TOTAL</b>	-	-	-	-
<b>TRANSFERRED TO EARMARKED/ENDOWMENT FUNDS</b>				

For and on behalf of All India Institute of Medical Sciences, Bhubaneswar

  
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**ALL INDIA INSTITUTE OF MEDICAL SCIENCE, BHUBANESWAR  
SIJUA, PATRAPARA, BHUBANESWAR-751019**

**DETAILS OF SCHEDULE-16: INCOME FROM ROYALTY, PUBLICATION ETC**

PARTICULAR	CURRENT YEAR	PREVIOUS YEAR
	(In Rs.)	(In Rs.)
1. Income from Royalty		
2. Income from Publications		
3. Others (specify)		
<b>TOTAL</b>	-	-

For and on behalf of All India Institute of Medical Sciences, Bhubaneswar

  
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ALL INDIA INSTITUTE OF MEDICAL SCIENCE, BHUBANESWAR  
SIJUA, PATRAPARA, BHUBANESWAR-751019

DETAILS OF SCHEDULE-17: INTEREST EARNED AND RECEIVED

PARTICULAR	CURRENT YEAR	PREVIOUS YEAR
	(In Rs.)	(In Rs.)
1. On Term Deposit:		
a) With Scheduled Banks	-	
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	52,161,710.00	
<b>TOTAL</b>	<b>52,161,710.00</b>	<b>-</b>

For and on behalf of All India Institute of Medical Sciences, Bhubaneswar

  
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ALL INDIA INSTITUTE OF MEDICAL SCIENCE, BHUBANESWAR  
SIJUA, PATRAPARA, BHUBANESWAR-751019

DETAILS OF SCHEDULE-17\*: INTEREST EARNED

PARTICULAR	CURRENT YEAR	PREVIOUS YEAR
	(In Rs.)	(In Rs.)
1. On Term Deposit:		
a) With Scheduled Banks	6,020,784.00	6,156,003.00
b) With Non-Scheduled Banks		
c) With Institutions		
d) Others - Auto Sweep	52,161,710.00	
2. On Savings Accounts:		
a) With Scheduled Banks	-	-
b) With Non-Scheduled Banks		
c) With Institutions		
d) Others		
3. On Loans:		
a) Employees/Staff		
<b>TOTAL</b>	<b>58,182,494.00</b>	<b>6,156,003.00</b>

For and on behalf of All India Institute of Medical Sciences, Bhubaneswar

  
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**ALL INDIA INSTITUTE OF MEDICAL SCIENCE, BHUBANESWAR  
SIJUA, PATRAPARA, BHUBANESWAR-751019**

**DETAILS OF SCHEDULE-18: OTHER INCOME**

	PARTICULAR	CURRENT YEAR	PREVIOUS YEAR
		(In Rs.)	(In Rs.)
1	Tender Processing fees	866,600.00	464,200.00
2	Rent Charges	1,074,377.00	686,000.00
3	OPD Collection	57,103,385.19	29,089,231.32
4	OPD Collection (5% of Collection)	-	867,636.00
5	Amount for Award received	-	19,569.00
6	Liquidated Damages	-	23,011.00
7	Miscellaneous Receipts/ Recovery	1,177,469.00	48,662.00
8	Licence fee for quarters	91,300.00	43,650.00
9	RTI fee Received	1,044.00	658.00
10	Electricity & Water charges from catering service	-	610,591.00
11	Water Charges Received from BOI & Pathcare	6,431.00	23,500.00
12	Interest received on Electricity Security Deposit	641,084.00	747,587.00
13	Scrap & Waste	-	10,200.00
14	Penalty	92,968.00	2,294,045.00
15	Preservation Charges of Body	4,000.00	28,000.00
16	Electricity Charges Received from Employee	136,557.00	54,423.00
17	House Rent recovered from Employee	178,087.00	82,268.00
18	Fine Collect From Library	11,890.00	-
19	Registration Fees Received for CME	31,669.00	-
20	Recovery of Salary in lieu of Notice Period	1,854,617.00	-
21	Recovery Mobilization Adv- Interest	-	1,281,173.00
<b>TOTAL</b>		<b>63,271,478.19</b>	<b>36,374,404.32</b>

**For and on behalf of All India Institute of Medical Sciences, Bhubaneswar**

  
**Financial Advisor**

  
**Director**



ALL INDIA INSTITUTE OF MEDICAL SCIENCE, BHUBANESWAR  
SIJUA, PATRAPARA, BHUBANESWAR-751019

DETAILS OF SCHEDULE-18\*: OTHER INCOME

	PARTICULAR	CURRENT YEAR	PREVIOUS YEAR
		(In Rs.)	(In Rs.)
1	Tender Processing fees	866,600.00	464,200.00
2	Rent Charges	1,124,377.00	716,000.00
3	OPD Collection	57,103,385.19	29,089,231.32
4	OPD Collection (5% of Collection)	-	1,186,209.00
5	Amount for Award received	-	19,569.00
6	Liquidated Damages	-	23,011.00
7	Miscellaneous Receipts/ Recovery	1,177,469.00	48,662.00
8	Licence fee for quarters	91,300.00	43,650.00
9	RTI fee Received	1,044.00	658.00
10	Electricity & Water charges from catering service	-	705,667.00
11	Water Charges Received from BOI & Pathcare	6,431.00	30,000.00
12	Interest received on Electricity Security Deposit	641,084.00	747,587.00
13	Scrap & Waste	-	10,200.00
14	Penalty	92,968.00	2,294,045.00
15	Preservation Charges of Body	4,000.00	28,000.00
16	Electricity Charges Received from Employee	136,557.00	54,423.00
17	House Rent recovered from Employee	178,087.00	82,268.00
18	Fine Collect From Library	11,890.00	-
19	Registration Fees Received for CME	31,669.00	-
20	Recovery of Salary in lieu of Notice Period	1,854,617.00	-
21	Recovery of Mobilisation Advance- Interest	-	1,281,173.00
	<b>TOTAL</b>	<b>63,321,478.19</b>	<b>36,824,553.32</b>

For and on behalf of All India Institute of Medical Sciences, Bhubaneswar

  
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ALL INDIA INSTITUTE OF MEDICAL SCIENCE, BHUBANESWAR  
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DETAILS OF SCHEDULE-19: INCREASE/(DECREASE) IN STOCK OF FINISHED GOODS & WORK IN PROGRESS

PARTICULAR	CURRENT YEAR	PREVIOUS YEAR
	(In Rs.)	(In Rs.)
1. Closing Stock		
-Finished Goods		
-Work-in-Progress		
2. Less: Opening Stock		
-Finished Goods		
-Work-in-Progress		
<b>TOTAL</b>	-	-

For and on behalf of All India Institute of Medical Sciences, Bhubaneswar

  
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ALL INDIA INSTITUTE OF MEDICAL SCIENCE, BHUBANESWAR  
SIJUA, PATRAPARA, BHUBANESWAR-751019

**DETAILS OF SCHEDULE-20: ESTABLISHMENT EXPENSES**

PARTICULAR	CURRENT YEAR	PREVIOUS YEAR
	(In Rs.)	(In Rs.)
<b>1. Salaries</b>		
Salary of Regular Employee	265,401,063.00	166,396,291.00
Salary to Regular appointed Nursing Sister Gr-II	119,568,028.00	118,028,950.00
Reimburshment of LTC	855,519.00	1,398,155.00
Tution Fees Reimbursement	1,210,171.00	253,894.00
News Paper Bill Riemburshment	15,107.00	13,021.00
Children Education Allowances	33,780.00	525,960.00
<b>2. Medical Treatment</b>		
Reimbursement of Medical Bill	2,720,188.00	149,442.00
<b>3. Pensionary Charges</b>		
Pension Contribution	-	208,473.00
CPF Employer contribution	178,342.00	119,576.00
Leave Salary & Pensionary Contribution	97,887.00	-
NPS Employers Contribution	23,749,130.00	15,587,112.00
<b>4. Wages</b>		
Salary & Wages for Contractual Employees	128,579,021.00	42,096,738.00
<b>Change in Current Liabilities</b>		
Professional tax payable	(200.00)	3,400.00
NPS Deduction	(1,698,240.01)	630,905.00
CPF & EPF Contributions	(286,827.00)	(40,000.00)
E H S Contributions	(1,736,250.00)	(1,135,500.00)
CGEGIS Contribution	(178.00)	-
Scooter Advance	(500.00)	-
Salary Payable to Regular Staff	(13,957,664.00)	(3,144,222.00)
Salary Payable to Contractual Staff	(4,682,294.00)	(3,906,491.00)
Stipend Payable	(859,200.00)	-
<b>TOTAL</b>	<b>519,186,882.99</b>	<b>337,185,704.00</b>

For and on behalf of All India Institute of Medical Sciences, Bhubaneswar

  
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ALL INDIA INSTITUTE OF MEDICAL SCIENCE, BHUBANESWAR  
SIJUA, PATRAPARA, BHUBANESWAR-751019

DETAILS OF SCHEDULE-20\*: ESTABLISHMENT OF EXPENSES

PARTICULAR	CURRENT YEAR	PREVIOUS YEAR
	(In Rs.)	(In Rs.)
<b>1. Salaries</b>		
Salary of Regular Employee	265,401,063.00	166,396,291.00
Salary to Regular appointed Nursing Sister Gr-II	119,568,028.00	118,028,950.00
Reimburshment of LTC	855,519.00	1,398,155.00
Tution Fees Reimbursement	1,210,171.00	253,894.00
News Paper Bill Riemburshment	15,107.00	13,021.00
Children Education Allowances	33,780.00	525,960.00
<b>2. Medical Treatment</b>		
Reimbursement of Medical Bill	2,720,188.00	149,442.00
<b>3. Pensionary Charges</b>		
Pension Contribution	-	208,473.00
CPF Employer contribution	178,342.00	119,576.00
Leave Salary & Pensionary Contribution	97,887.00	-
NPS Employers Contribution	23,749,130.00	15,587,112.00
<b>4. Wages</b>		
Salary & Wages for Contractual Employees	128,579,021.00	42,096,738.00
<b>TOTAL</b>	<b>542,408,236.00</b>	<b>344,777,612.00</b>

For and on behalf of All India Institute of Medical Sciences, Bhubaneswar

  
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ALL INDIA INSTITUTE OF MEDICAL SCIENCE, BHUBANESWAR  
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**DETAILS OF SCHEDULE-21: ADMINISTRATIVE EXPENSES ETC.**

Sl No	PARTICULAR	CURRENT YEAR	CURRENT YEAR	PREVIOUS YEAR
		(In Rs.)	(In Rs.)	(In Rs.)
1	<b>Professional charges</b>		1,218,359.00	
	E-TDS Return Filling	63,730.00		
	Legal expenses	70,620.00		116,403.00
	Sitting Fees paid to Experts	-		61,055.00
	Remuneration to Examiner & Guest Faculty	27,100.00		96,600.00
	Audit & Consultancy Fees	1,003,466.00		641,626.00
	Honorarium	2,000.00		-
	NSDL & CRA Charges	51,443.00		-
2	<b>Office expenses</b>		38,621,293.00	
	Hiring of Vehicle	3,904,926.00		2,927,477.00
	News Paper & Periodicals	38,403.00		5,829.00
	Miscellaneous Expenses	2,319,057.00		1,564,516.00
	Payment towards Electricity Charges	24,085,452.00		23,181,917.00
	Payment towards Postage Bills	132,697.00		148,860.00
	Printing & Stationary	3,351,269.00		1,954,641.00
	Telephone & Internet Charges	2,358,042.00		2,957,479.00
	Water Charges	756,215.00		274,341.00
	Insurance Charges	18,479.00		-
	Reimbursement Of Telephone Bill	1,656,753.00		-
3	<b>Minor Work</b>		9,017,957.00	
	Repair Work in Various Departments	7,462,625.00		2,198,934.00
	Web Designing	1,555,332.00		167,000.00
4	<b>Domestic Travelling Expenses</b>		20,890,289.00	
	Payment of Tour TA/DA to staff	20,890,289.00		9,318,457.00
5	<b>Advertising &amp; Publicity</b>		5,806,840.00	
	Advertisement & Press Conference Expenses	5,806,840.00		6,625,759.00
6	<b>Other Administrative expenses</b>		13,924,032.64	
	Payment to LRA to staff	1,004,588.00		405,630.00
	Professional Examination fees	831,958.00		-
	NPS Service charges	-		45,888.00
	Reimbursement of Registration fees for Conference	1,862,403.00		985,456.00
	Seminar/CME/Work shop expenses	1,418,422.00		175,484.00
	Special Programme and Meeting expenses	1,457,974.00		1,403,423.00
	Stipend to B.SC Nursing Student	1,203,500.00		864,000.00
	Written examination fees	781,792.00		502,086.00
	Stipend to MBBS Student	2,504,267.00		-
	Bank Charges & Commission	46,789.25		21,921.07
	Licence Fee for Blood Bank	-		7,500.00



	Pollution Control Fee	-	5,000.00
	Recruitment Expenses	2,704,820.00	1,066,843.00
	Students Welfare	-	72,140.00
	Membership Fee	2,000.00	-
	Non Official Member TA & DA	103,760.00	-
	POS Machine Charge	1,759.39	-
<b>7</b>	<b>Other Contractual expensess</b>		<b>138,122,514.00</b>
	Payment to Outsourced staff	45,576,154.00	34,192,091.00
	Payment to Security Service Agency	27,707,016.00	20,581,007.00
	Payment to Hospital Catering Service Agency	15,182,993.00	10,116,144.00
	Payment to Laundry Service Agency	1,926,359.00	1,181,114.00
	Payment to Pathological Service Agency	31,329,279.00	21,763,328.00
	Payment to Bio-Medical Waste Management Service	957,437.00	643,132.00
	Payment to Cleaning & House Keeping Service Agency	15,443,276.00	10,118,077.00
	Payment to Hospital Information Service Agency	-	287,001.00
<b>8</b>	<b>Publications</b>		<b>406,793.00</b>
	Printing & Publication of Journal / Report /Magazine	406,793.00	680,257.00
<b>9</b>	<b>Supplies &amp; Materials</b>		<b>64,747,491.00</b>
	Fuel & Lubricants for Ambulance & DG Set	1,154,601.00	173,026.00
	Hospital Linen	2,433,098.00	1,323,607.00
	Insurance & Maintenance of Ambulance	-	18,528.00
	Medical Gas including LPG Expenses	3,652,568.00	1,080,721.00
	Payment for Blood & Plasma etc.	426,300.00	304,620.00
	Procurment of Chemical & Reagents	14,454,068.00	5,032,183.00
	Procurment of Drugs, Disposables & Consumables	37,695,531.00	17,280,750.00
	Plastic & Rubberised Material	658,167.00	-
	Waste Bin for Hospital	98,862.00	-
	X-Ray Film Equipment	4,174,296.00	-
	<b>Change in Current Laibilities</b>		<b>(9,880,645.00)</b>
	Sundry Creditors	(9,881,874.00)	(2,730,858.00)
	Towards adjustment 5% OPD collection provision	-	(318,573.00)
	TDS-Income Tax Payable-Non-Salary	1,229.00	69,827.00
		-	-
<b>TOTAL</b>		<b>282,874,923.64</b>	<b>179,592,247.07</b>

For and on behalf of All India Institute of Medical Sciences, Bhubaneswar

  
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ALL INDIA INSTITUTE OF MEDICAL SCIENCE, BHUBANESWAR  
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**DETAILS OF SCHEDULE-21\*: ADMINISTRATIVE EXPENSES ETC.**


Sl No	PARTICULAR	CURRENT YEAR	CURRENT YEAR	PREVIOUS YEAR
		(In Rs.)	(In Rs.)	(In Rs.)
<b>1</b>	<b>Professional charges</b>		<b>1,218,359.00</b>	
	E-TDS Return Filling	63,730.00		-
	Legal expenses	70,620.00		116,403.00
	Sitting Fees paid to Experts	-		61,055.00
	Remuneration to Examiner & Guest Faculty	27,100.00		96,600.00
	Audit & Consultancy Fees	1,003,466.00		641,626.00
	Honorarium	2,000.00		-
	NSDL & CRA Charges	51,443.00		-
<b>2</b>	<b>Office expenses</b>		<b>38,621,293.00</b>	
	Hiring of Vehicle	3,904,926.00		2,927,477.00
	News Paper & Periodicals	38,403.00		5,829.00
	Miscellaneous Expenses	2,319,057.00		1,564,516.00
	Payment towards Electricity Charges	24,085,452.00		23,181,917.00
	Payment towards Postage Bills	132,697.00		148,860.00
	Printing & Stationary	3,351,269.00		1,954,641.00
	Telephone & Internet Charges	2,358,042.00		2,957,479.00
	Water Charges	756,215.00		274,341.00
	Insurance Charges	18,479.00		-
	Reimbursement Of Telephone Bill	1,656,753.00		-
<b>3</b>	<b>Minor Work</b>		<b>9,017,957.00</b>	
	Repair Work in Various Departments	7,462,625.00		2,198,934.00
	Web Designing	1,555,332.00		167,000.00
<b>4</b>	<b>Domestic Travelling Expenses</b>		<b>20,890,289.00</b>	
	Payment of Tour TA/DA to staff	20,890,289.00		9,318,457.00
<b>5</b>	<b>Advertising &amp; Publicity</b>		<b>5,806,840.00</b>	
	Advertisement & Press Conference Expenses	5,806,840.00		6,625,759.00
<b>6</b>	<b>Other Administrative expenses</b>		<b>13,924,032.64</b>	
	Payment to LRA to staff	1,004,588.00		405,630.00
	Professional Examination fees	831,958.00		-
	NPS Service charges	-		45,888.00
	Reimbursement of Registration fees for Conference	1,862,403.00		985,456.00
	Seminar\CME\ Work shop expenses	1,418,422.00		175,484.00
	Special Programme and Meeting expenses	1,457,974.00		1,403,423.00
	Stipend to B.SC Nursing Student	1,203,500.00		864,000.00
	Written examination fees	781,702.00		502,006.00
	Stipend to MBBS Student	3,604,367.00		-
	Bank Charges & Commission	46,789.25		21,921.07
	Licence Fee for Blood Bank	-		7,500.00
	Pollution Control Fee	-		5,000.00
	Recruitment Expenses	2,704,820.00		1,066,843.00
	Students Welfare	-		72,140.00
	Membership Fee	2,000.00		-



	Non Official Member TA & DA	103,760.00		-
	POS Machine Charge	1,759.39		-
<b>7</b>	<b>Other Contractual expenses</b>		<b>138,122,514.00</b>	
	Payment to Outsourced staff	45,576,154.00		34,192,091.00
	Payment to Security Service Agency	27,707,016.00		20,581,007.00
	Payment to Hospital Catering Service Agency	15,182,993.00		10,116,144.00
	Payment to Laundry Service Agency	1,926,359.00		1,181,114.00
	Payment to Pathological Service Agency	31,329,279.00		21,763,328.00
	Payment to Bio-Medical Waste Management Service	957,437.00		643,132.00
	Payment to Cleaning & House Keeping Service Agency	15,443,276.00		10,118,077.00
	Payment to Hospital Information Service Agency	-		287,001.00
<b>8</b>	<b>Publications</b>		<b>406,793.00</b>	
	Printing & Publication of Journal / Report /Magazine	406,793.00		680,257.00
<b>9</b>	<b>Supplies &amp; Materials</b>		<b>64,747,491.00</b>	
	Fuel & Lubricants for Ambulance & DG Set	1,154,601.00		173,026.00
	Hospital Linen	2,433,098.00		1,323,607.00
	Insurance & Maintenance of Ambulance	-		18,528.00
	Medical Gas including LPG Expenses	3,652,568.00		1,080,721.00
	Payment for Blood & Plasma etc.	426,300.00		304,620.00
	Procurement of Chemical & Reagents	14,454,068.00		5,032,183.00
	Procurement of Drugs, Disposables & Consumables	37,695,531.00		17,280,750.00
	Plastic & Rubberised Material	658,167.00		-
	Waste Bin for Hospital	98,862.00		-
	X-Ray Film Equipment	4,174,296.00		-
	<b>TOTAL</b>		<b>292,755,568.64</b>	<b>182,571,851.07</b>

For and on behalf of All India Institute of Medical Sciences, Bhubaneswar

  
Financial Advisor

  
Director



ALL INDIA INSTITUTE OF MEDICAL SCIENCE, BHUBANESWAR  
SIJUA, PATRAPARA, BHUBANESWAR-751019

DETAILS OF SCHEDULE-22: EXPENDITURE ON GRANTS, SUBSIDIES ETC.

PARTICULAR	CURRENT YEAR	PREVIOUS YEAR
	(In Rs.)	(In Rs.)
1. Grants given to Institutions/Organisations		
Brain Awareness Programme	-	-
NIPI Intervention	-	-
2. Assistant Grant Given To Institution/Organisation		
Medical Bills paid out of OSTFS Grant	-	-
Patient Treatment Expenses	-	-
3. Subsidies given to Institutions/Organisations		
<b>TOTAL</b>	-	-

For and on behalf of All India Institute of Medical Sciences, Bhubaneswar

  
Financial Advisor

  
Director



ALL INDIA INSTITUTE OF MEDICAL SCIENCE, BHUBANESWAR  
SIJUA, PATRAPARA, BHUBANESWAR-751019

DETAILS OF SCHEDULE-22\*: EXPENDITURE ON GRANTS, SUBSIDIES ETC.

PARTICULAR	CURRENT YEAR	PREVIOUS YEAR
	(In Rs.)	(In Rs.)
1. Grants given to Institutions/Organisations		
Brain Awareness Programme	-	-
NIPI Intervention	-	-
2. Assistant Grant Given To Institution/Organisation		
Medical Bills paid out of OSTFS Grant	-	-
Patient Treatment	-	-
3. Subsidies given to Institutions/Organisations		
<b>TOTAL</b>	-	-

For and on behalf of All India Institute of Medical Sciences, Bhubaneswar

  
Financial Advisor

  
Director



ALL INDIA INSTITUTE OF MEDICAL SCIENCE, BHUBANESWAR  
SIJUA, PATRAPARA, BHUBANESWAR-751019

DETAILS OF SCHEDULE-23: INTEREST.

PARTICULAR	CURRENT YEAR	PREVIOUS YEAR
	(In Rs.)	(In Rs.)
a) On Fixed Loan	-	-
b) On Other Loans (including Bank Charges)	-	-
c) Others (Specify)	-	-
<b>TOTAL</b>	-	-

For and on behalf of All India Institute of Medical Sciences, Bhubaneswar

  
Financial Advisor

  
Director



**SIGINIFICANT 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.

**3. Depreciation**

Depreciation for the financial year 2015-16 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 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.

For and on behalf of All India Institute of Medical Sciences, Bhubaneswar

  
Financial Advisor

  
Director

**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.

**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. Prior to this year 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 this year, 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.

**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

12. Corresponding figures for the previous year has been re-grouped and re-arranged wherever found necessary

13. Figures have been rounded off to the nearest rupees.

14. Schedule 1 to 25 are annexed to and from an integral part of the Balance Sheet as at 31<sup>st</sup> March 2015 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



महानिदेशक लेखापरीक्षा(केंद्रीय) का कार्यालय  
सैफाबाद, हैदराबाद-500004.

OFFICE OF THE  
DIRECTOR GENERAL OF AUDIT (CENTRAL)  
SAIFABAD, HYDERABAD - 500 004.

No.DGA(C)/BO-Odisha/CRA-V/AIIMS/BBSR/SAR.2016-17/2017-18/ Date: 7.11.2017

To  
The Secretary to Government of India,  
Ministry of Health and Family Welfare,  
Nirman Bhawan, C-Wing,  
New Delhi-110 011

महोदय,

**विषय: Separate Audit Report on the accounts of All India Institute of Medical Sciences, Bhubaneswar, Odisha, for the year 2016-17**

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Separate Audit Report on the Accounts of All India Institute of Medical Sciences, Bhubaneswar, for the year 2016-17, Annexure thereof and one copy of the Annual Accounts of the year are forwarded herewith for placing before both the Houses of Parliament.

The dates of presentation of Separate Audit Report in both the Houses of Parliament may please be intimated.

Receipt of this letter along with the enclosures may kindly be acknowledged.

भवदीय,

Sd/-

संल:यथोपरि

Director General of Audit (Central)

Endt. No No.DGA(C)/BO-Odisha/CRA-V/AIIMS/BBSR/SAR.2016-17/2017-18/ Date: 7.11.2017

✓ Copy to the Director, All India Institute of Medical Sciences, Sijua, Patrapadra, Bhubaneswar-751 019, Odisha, along with one copy of Annual Accounts for the year 2016-17 (English version), with a request to furnish Hindi version of the approved Annual Accounts 2016-17 (2 sets), to Branch Office, Odisha.

संल:यथोपरि

Director/CEA



**Separate Audit Report of the Comptroller and Auditor General of India on the accounts of All India Institute of Medical Sciences (AIIMS), Bhubaneswar, for the year ended 31 March 2017**

We have audited the attached Balance Sheet of the All India Institute of Medical Sciences (AIIMS), Bhubaneswar, as at 31 March 2017, the Income & Expenditure Account and Receipts & Payments 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 and AIIMS Amendment Act 2012. These financial statements are the responsibility of the Institute's management. Our responsibility is to express an opinion on these financial statements based on our audit.

2. This Separate Audit Report contains the comments of the Comptroller & Auditor General of India (CAG) on the accounting treatment only with regard to classification, conformity with the best accounting practices, accounting standards and disclosure norms, etc. Audit observations on financial transactions with regard to compliance with the Law, Rules & Regulations (Propriety and Regularity) and efficiency-cum-performance aspects, etc., if any are reported through Inspection Reports/CAG's Audit Reports separately.

3. We have conducted our audit in accordance with auditing standards generally accepted in India. These standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatements. An audit includes examining, on a test basis, evidences supporting the amounts and disclosure in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of financial statements. We believe that our audit provides a reasonable basis for our opinion.



4. Based on our audit, we report that:
- i. We have obtained all the information and explanations, which to the best of our knowledge and belief were necessary for the purpose of our audit.
  - ii. The Balance Sheet and Income & Expenditure Account/ Receipts & Payments Account dealt with by this Report have been drawn in the Format of Accounts approved by Government of India, Ministry of Finance.
  - 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:

#### **A. Balance Sheet**

##### **A.1 Corpus/Capital Fund and Liabilities**

###### **A.1.1 Current Liabilities and Provisions: Rs. 51.89 crore**

**A.1.1.1** This included a sum of Rs.3,36,12,626/- (Rs.2,42,58,582/+93,54,044/-) being provision towards outstanding payment of salary of Regular staff and Nursing sister Grade II, as against the required provision of Rs 2,69,55,812/- (Rs 1,84,64,563/- + Rs 84,91,249/-). This has resulted in overstatement Current Liabilities and Provisions and understatement of surplus/corpus/capital fund by Rs 66.57 lakh.

**A.1.1.2** This included a provision of Rs 18,57,138/- only against the payment of salary of Rs 77,41,581/- in respect of Senior and Junior Resident Doctors for the month of March 2017. This has resulted in understatement of Current Liabilities and Provisions and overstatement of surplus by Rs 58.84 lakh.

**A.1.1.3** This did not include a provision of Rs 31,44,531/- regarding Patient Dietary expenses for the period January and February 2017 but paid in April 2017. This resulted in understatement of Current Liabilities and Provisions and overstatement of corpus/capital fund by Rs 31.45 lakh.



**A.1.1.4** This did not include a provision of Rs 11.12 lakh regarding Dearness Allowance and Transport Allowance for the period January to March 2017. This resulted in understatement of Current Liabilities and Provisions and overstatement of corpus/capital fund by Rs 11.12 lakh.

**A.1.1.5** This included a provision of Rs 1,18,772/- towards outstanding payment of Rs 8,64,086/- to Mahapatra Scientific Supply Syndicate. This resulted in understatement of Current Liabilities and Provisions and overstatement of corpus/capital fund by Rs 7.45 lakh (Rs 8,64,086 – 1,18,772).

**A.1.1.6** This did not include liability for payment of outstanding expenses of Rs 6.40 lakh towards purchase of Reagents and Chemicals for Department of Pathology for which supply order has been placed with the agency in January 2017, the chemicals were received in March 2017 and payment was made in June 2017. This has resulted in understatement of Current Liability & Provisions, and consequently overstatement corpus/capital fund by Rs.6.40 lakh.

**A.1.1.7** This did not include liabilities for payment of Rs.3,48,006/- against two Bills payable to M/s Alakananda Advertisement Pvt. Ltd. pertaining to 2016-17. This has resulted in understatement of current liabilities and provisions and consequent overstatement of corpus/capital fund by Rs.3.48 lakh.

**A.1.1.8** This did not include expenses of Rs. 1,93,684/- towards repairing & replacing of sanitary fittings in OPD area payable to the contractor for the month of March 2017 but paid in May 2017. This has resulted in understatement of current liabilities and provisions and consequent overstatement of corpus/capital fund by Rs.1.94 lakh





## A.2. Assets

### A.2.1 Current Assets.Rs.349.8 Crore

#### A.2.1.1. Loans, Advances and Deposits: Rs 155.69 crore

**A.2.1.1.1** This included expenditure of Rs.0.56 crore as on 31 March 2017 reported by CPWD as Capitals Works-in-Progress but misclassified under Loans, Advances & Deposits. This resulted in overstatement of Loans, Advances & Deposits and understatement of Capitals Works-in-Progress by Rs. 0.56 crore.

## B. Income and Expenditure Account

### B.1 Expenditure – Rs. 100.14 crore

**B.1.1** The excess salary provision of March 2016 of Regular staff pertaining to 2015-16 was not adjusted/written off during 2016-17 which resulted in overstatement of current liability and provision with corresponding understatement of corpus/capital fund by an extent of Rs.85.95 lakh.

**B.1.2** A sum of Rs. 1.69 crore paid to the supplier towards reimbursement of customs duty and release of withheld amount in respect of two medical equipments installed on 27 December 2013 and 28 March 2014. However depreciation was provided on pro-rata basis for the current year instead of from the date of installation of the asset. This has resulted in understatement of depreciation by Rs. 56.52 lakh and consequently understatement of expenditure and overstatement of corpus/capital fund and fixed assets by that extent.

**B.1.3** The scientific equipment, Touch Real time PCR Detection System valuing Rs. 1794267/- was procured and installed/commissioned in November 2014, but the asset could not be made functional due to want of required chemicals. The asset was put to use on 15 July 2016 after availability of required chemical and accordingly the payment was released. However depreciation of Rs. 96595/- was provided on pro-rata basis from the date of payment instead of from the date of installation which resulted in



understatement of depreciation by Rs. 4.68 lakh and overstatement of fixed assets by that extent.

**B.1.4** As per the depreciation policy of the institute, depreciation was to be charged on Written down value Method (WDV) at the rates specified in the Income Tax Act. However, it was seen that depreciation was charged on Straight line method instead of WDV method in respect of Furniture & Fixtures, Scientific equipments, Office equipments, Computer & software. This had resulted in excess accountal of depreciation to the extent of Rs.7,45,59,127 with a corresponding understatement of Fixed Assets by that extent.

**B. 1.5** . Depreciation pertaining to previous years (2013-14 to 2015-16) was incorrectly charged to Income & Expenditure account of 2016 -17. This had resulted in excess accountal of depreciation to the extent of Rs. 2,93,48,744 with a corresponding understatement of prior period expenses by that extent.

### C. Effects of Audit on Accounts

The net impact of audit comments given in preceding paragraphs is understatement of liabilities by Rs.0.59 crore, Assets by Rs.7.97 crore and overstatement of surplus by Rs.0.53 crore.

**D. Grants-in-aid:** Out of total Grants-in-aid of Rs.147.19 crore<sup>1</sup> received during the year, together with previous year certified balance of Rs.143.31 crore and other receipts of Rs. 5.22 crore, totaling Rs.295.72 crore, the Institute utilized a sum of Rs.160.01 crore<sup>2</sup>, leaving a balance of Rs.135.71 crore as on 31<sup>st</sup> March 2017.

Head	OB (2016-17)	Receipt (2016-17)	Total	Interest acerued	Total	Utilisation	Unutilised balance
Salaries	17.41	99.12	116.53	5.22	290.50	51.92	295.72 -
General	30.14	8.07	38.21		+	28.29	160.01
CCA	95.76	40.00	135.77		5.22	79.80	= 135.71
Total	143.31	147.19	290.50	5.22	295.72	160.01	



v. Subject to our observations in the preceding paragraph we report that the Balance Sheet, Income & Expenditure Account and Receipts & Payments Account dealt with by this Report are in agreement with the books of accounts.

vi. In our opinion and to the best of our information and according to the explanations given to us, the said financial statements read together with the Accounting Policies and Notes on Accounts and subject to the significant matters stated above and other matters mentioned in Annexure to this Audit Report, give a true and fair view in conformity with accounting principles generally accepted in India:

a. In so far as it relates to the Balance Sheet, of the state of affairs of All India Institute of Medical Sciences (AIIMS), Bhubaneswar, as at 31 March 2017; and

b. In so far as it relates to Income & Expenditure Account of the **Surplus** for the year ended on that date.

Director General of Audit (Central)



### Annexure

**1. Adequacy of Internal Audit System:**

There is no Internal Audit Wing functioning in the institute. Internal Audit has not been conducted for the year 2016-17.

**2. Adequacy of Internal Control System:**

The Internal Control System was not adequate as there is no Internal Audit System in the Institute.

**3. System of Physical verification of fixed assets:**

Fixed Assets have not been physically verified by the Management for the year 2016-17 as of date of audit.

**4. System of Physical verification of inventory:**

Physical verification of Inventory was not conducted for the year 2016-17.

**5. Regularity in payment of statutory dues:**

The institute is regular in depositing the statutory dues with appropriate authorities.

  
Director/CEA