



आरोग्यम् सुख सम्पदा

ALL INDIA INSTITUTE OF MEDICAL SCIENCES, RAIPUR

AIIMS CAMPUS, TATIBANDH, RAIPUR, CHHATTISGARH -492099

7TH ANNUAL REPORT 2018-19





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ALL INDIA INSTITUTE OF MEDICAL SCIENCES, RAIPUR

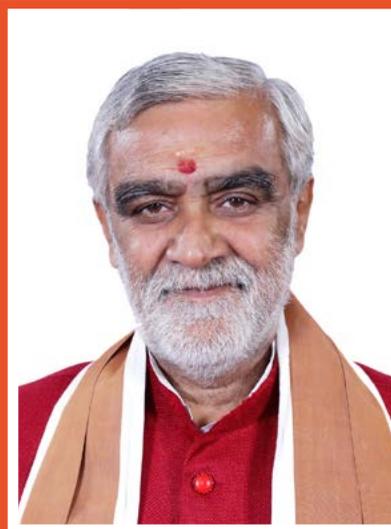
AIIMS CAMPUS, TATIBANDH, RAIPUR, CHHATTISGARH -492099

7TH ANNUAL REPORT

Dr. Harsh Vardhan
Hon'ble Cabinet Minister
Ministry of Health and Family Welfare, GoI



Shri Ashwini Kumar Chaubey
Hon'ble Minister of State
Ministry of Health and Family Welfare, GoI





Edited jointly by:

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Associate Professor, Obstetrics and Gynaecology

Shri. Milind Mujumdar

Assistant Controller of Examination



आरोग्यम् सुख सम्पदा

ALL INDIA INSTITUTE OF MEDICAL SCIENCES, RAIPUR

INTRODUCTION

AIIMS Raipur is one of the new apex healthcare institutes established by the Ministry of Health and Family Welfare, Government of India under the Pradhan Mantri Swasthya Suraksha Yojna (PMSSY) on the pattern of AIIMS, New Delhi. The Institute has been established with the aim of correcting regional imbalances in quality tertiary level healthcare in the region and attaining self sufficiency in graduate and postgraduate medical education and training in this hitherto under-served area of the country.

MISSION STATEMENT

To establish a centre of excellence in medical education, training, health care and research imbued with scientific culture, compassion for the sick and commitment to serve the under-served. A mission to bestow world class services to the people of Chhattisgarh and surrounding areas in particular and the nation in the broader aspect.

The logo of AIIMS Raipur is amalgamated with the Sanskrit words “आरोग्यम् सुख सम्पदा” which translates into “Health, Happiness and Prosperity” thus linking health with happiness and prosperity.

MEDICAL AND NURSING COLLEGES

All the pre-clinical and para-clinical departments of the Medical College viz. Anatomy, Physiology, Biochemistry, Pathology, Microbiology, Pharmacology, Forensic Medicine & Toxicology and Community & Family Medicine are functional and located in their respective earmarked spaces. The College of Nursing has started functioning in its own building near Medical College since November, 2015.



आरोग्यम् सुख सम्पदा

AIIMS RAIPUR AT A GLANCE

2018-2019

Data as on March 2019

Academic Details

Teaching Departments	31	Non-faculty staff	1646
Faculty members	129	Medical Students	100
Faculty members (Nursing)	02	Nursing Students	60

HOSPITAL SERVICES

(from 01.04.2018 to 31.03.2019)

Hospital/ Centre	Outpatients (including casualty)	Admissions	Surgery (Operations/ procedures)	Beds General
Main Hospital	3,73,808	13,023	Major 3,598	600 functional beds
			Minor 4,072	

ACADEMIC ACTIVITIES

Weekly Academic Meetings held in 2018-19

Date	Speaker	Department	Topic
13.07.2018	Dr. Satyajit Singh Assistant Professor	Cardiology AIIMS Raipur	Cardiac Conundrums - enigmas to solve
20.07.2018	Mrs. Chandramani Sahu, Nursing Tutor Mrs. Chitrekha Sippy - Nursing Tutor	College of Nursing AIIMS Raipur	Reactive Attachment Disorder
27.07.2018	Dr. Vandita Singh, Assistant Professor	Department of Pathology & Lab Medicine	Evidence based pathology and ethics in pathology practice- the way forward

Date	Speaker	Department	Topic
03.08.2018	Dr. Dinker Pai, Professor of Surgery and Director Medical Simulation Centre	MGMCRI, Puducherry	Introduction to Simulation based medical education
10.08.2018	Dr. Abhiruchi Galhotra, Additional Professor	Dept. of Community & Family Medicine, AIIMS Raipur	Ayushman Bharat: Concept of Health and Wellness Centers
17.08.2018	Dr. Archana B. Wankhade, Assistant Professor	Dept. of Microbiology	Common encountered antibacterial drug resistance: Clinical Implication
31.08.2018	Dr. Keshao Nagpure Assistant Professor	Dept. of General Medicine	Thyroid function test:- It's interpretation and pit falls
07.09.2018	1. Dr. Neeta Misra, Additional Professor 2. Dr. Ankur Shrivastava Associate Professor	Dept. of Ophthalmology	Eye Donation Awareness
14.09.2018	Dr.Sai Krishna Tikka Assistant Professor	Department of Psychiatry	Non-Invasive Brain Stimulation in Psychiatry- An Overview
28.09.2018	Dr. Ranganath T.G. Assistant Professor	Department of Pulmonary Medicine & TB	Impact of Air pollution on Health
12.10.2018	1. Dr. Mili Patel Senior Resident 2. Dr. Anil Vermam Senior Resident 3. Dr. Raunak Dubey Senior Resident 4. Dr. Sankalp Sharma Associate Professor	Department of Transfusion Medicine & Blood Bank, AIIMS Raipur	Alternatives to Blood Transfusion for Clinical Hemostasis “. Are these cost effective for regular use?
02.11.2018	Dr. Tushar Jagzape Additional Professor	Dept. of Pediatrics	Immunotherapy: an underutilized modality
16.11.2018	Dr. Karan Peepre, Professor & Head Dr. Mudalsha Ravina, Assistant Professor Dr. Vipin Yadav, RSO Dr. Amal Moideen, MD Student	Department of Nuclear Medicine	Nuclear Medicine Update and Latest Technology in Diagnostic and Therapeutic Era
30.11.2018	Dr. Satish S. Satpute Assistant Professor	Department of ENT & HNS	CSF Rhinorrhoea- Diagnosis and Treatment
07.12.2018	Dr. Shreemanta Kumar Dash Associate Professor	Department of Forensic Medicine and Toxicology	Advance Directives (Passive Euthanasia) - Current practices in India

Date	Speaker	Department	Topic
14.12.2018	Dr. Yogendra Keche Assistant Professor	Department of Pharmacology	Geriatric Pharmacology: What to consider while prescribing to an elderly person?
21.12.2018	Dr. Jaydeep Nandi Assistant Professor Dr. Madhusree Sengupta, Senior Resident	Department of Physical Medicine and Rehabilitation	SPINAL CORD INJURY ASSESSMENT, PROGNOSTICATION AND ORTHOTIC OPTIONS
08.02.2019	Dr. Abhimanyu Varshney Assistant Professor	Dept. of Pediatric Surgery	Counselling & Prognostication for common antenatally detected anomalies–Role of a Pediatric Surgeon
22.02.2019	Dr. Manisha B Sinha Associate Professor	Dept. of Anatomy	Genetics of male infertility: ‘Y’ chromosome microdeletion and sperm DNA fragmentation
01.03.2019	Dr. Amritava Ghosh Assistant Professor	Dept. of Endocrinology & Metabolism	Transgender Medicine- Endocrine Treatment of Gender-Dysphoric Persons
15.03.2019	Dr. Kalyan Goswami Additional Professor	Dept. of Biochemistry	Autoimmunity: From Bench to BedTranslational Prospect of Basic Research
22.03.2019	Dr. Debajyoti Mohanty Additional Professor	Department of General Surgery	Principles of Electrosurgery
29.03.2019	Dr. Rohini Rokkam Assistant Professor	Department of Medicine	Sepsis: where we stand and what to do!

Various departments have organized National/State level CME/Workshop/Conferences for dissemination, upgradation of scientific knowledge, training and public awareness. Details are available in highlights of respective department.

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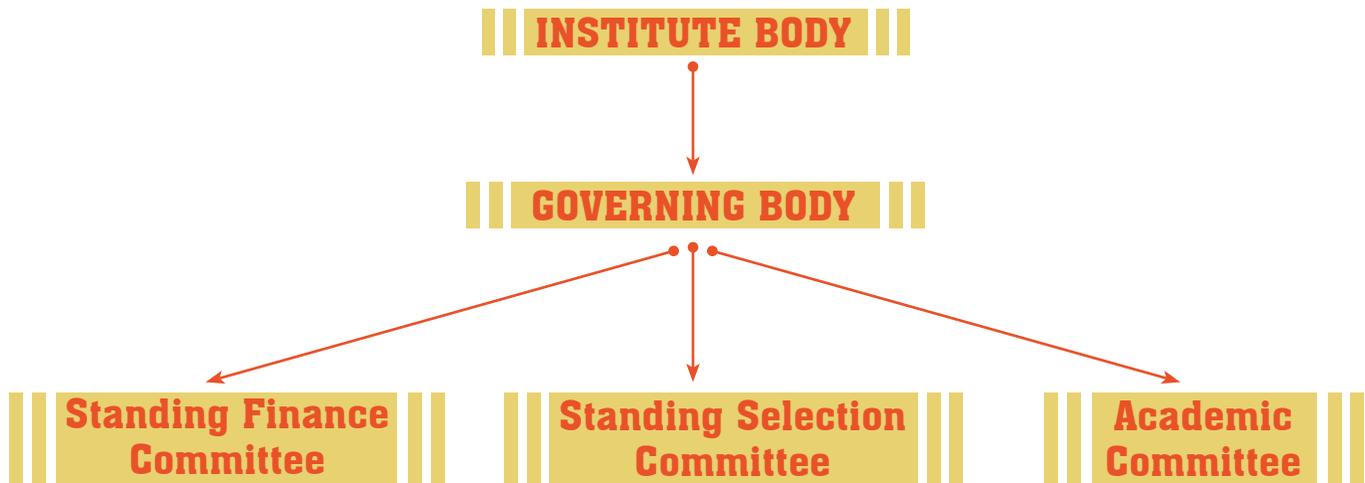
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AIIMS - ORGANISATION STRUCTURE



DIRECTOR'S REVIEW



It is an honour for me to present the 7th Annual Report and the Audited Statement of Accounts of AIIMS, Raipur, for Financial year 2018-19. It is very heartening to mention that various developmental activities have been successfully completed during this Financial year.

One of the highlights on the Academic front is the approval of the Academic Committee for starting PhD course, Post Doctoral Certificate Courses, Master of Public Health, Paramedical Courses (B.Sc. in Operation Theatre Technology, B.Sc. in Medical Technology in Radiography, Bachelor in Audiology and Speech Language Pathology, B.Sc. in Medical Laboratory Technology, Advanced Diploma in Radiotherapy Technology and Certificate course in Pre-Hospital Trauma Technician) from July 2019 session. Approval for starting DM/MCh courses in various departments has also been accorded along with increase in MD/MS seats from 71 to 92 and enhancing M.Sc. Nursing (Psychiatry) seats from 2 seats to 4 seats per annum.

Two batches of MBBS (2012 and 2013) and B.Sc. (Hons.) Nursing (2013 and 2014) have successfully completed the course. Third batch of MBBS students (2014) is undergoing One year compulsory rotatory internship. It gives immense satisfaction to see that the MBBS graduates of this institute are pursuing postgraduate courses in prestigious institutions

like AIIMS New Delhi, JIPMER Puducherry, PGIMER Chandigarh, Seth G.S. Medical College and others.

With an aim to give the students exposure and also to make them job ready, we have offered contractual appointments for 11 months in AIIMS Raipur itself to our students of B.Sc. (Hons.) Nursing.

This year has witnessed substantial addition of manpower – regular as well as contractual and outsourced. Recruitment processes of the past years have been completed and fresh recruitment drives were initiated. Recruitment to 183 faculty posts was also initiated and it is being done in a phased manner. Besides this, recruitment of Senior Residents and Junior Residents was done at regular intervals.

Super-specialty departments – Cardiology and Cardiothoracic and Vascular Surgery, Neurosurgery as well as AYUSH department were made functional. 24x7 Trauma and Emergency Services have also been operationalized at the institute and will be scaled up in near future. The hospital, with bed strength of 600, has added a number of patient centric services like MRI (3T), DSA, OPG, Mammography, digital fluoroscopy, Linear Accelerator & CT simulator, SPECT-CT, thyroid probe (first in the state), Integrated Counseling and Testing Centre Unit (ICTC). The hospital has 18 functional state-of-the-art modular Operation Theatres and planned to be

increased to 30 in near future. Various Major and Minor surgeries are being performed on a routine basis. The hospital has functional ICU, HDU.

Ayushman Bharat - Pradhanmantri Jan Aarogya Yojana, a flagship scheme of Government of India, has been implemented at AIIMS Raipur since 01.11.2018. The quantum jump in the number of OPD/IPD patients is a testimony to the efforts put in by the faculty and staff of AIIMS Raipur.

The institute continued to provide Telemedicine services for providing healthcare advice to people of Left Wing Extremism (LWE) affected areas of Chhattisgarh. Many outreach programs in the community were conducted by various departments.

Construction of C/C1 and D/D1 Blocks of the hospital has been completed and will be made fully functional soon. Other civil works like Auditorium, STP, ETP are in an advanced stage of construction. Sanction has been obtained for construction of an Academic Block and an Administrative Block for the Institute, which shall commence in the near future.

Extramural as well as Intramural research activities, ICMR-STC projects are also undertaken by various departments. During the year 09 Extramural, 29 Intramural and 89 Academic projects including 11 ICMR-STC projects have been approved.

In between all the above activities, 2nd edition of ORIANA 2018, a colorful Inter-college cultural event in October 2018 students of AIIMS Raipur brought a welcome and an entertaining break. The gala event saw students from colleges across India participating in large numbers and this event received accolades from all over.

All these achievements would not have been possible without the support of Ministry of Health and Family Welfare, Government of India and the people of Chhattisgarh, for whom the Institute remains committed to serve. The institute definitely would take big strides in matters of medical education, healthcare delivery, research and healthcare innovation, living up to its name of being an Institute of National Importance.

We remain committed to make AIIMS Raipur a world class institution which will continue to serve the masses.

Jai Hind!



Prof. (Dr.) Nitin M. Nagarkar

Director and CEO
All India Institute of Medical Sciences
Raipur-Chhattisgarh

THE INSTITUTE AND ITS COMMITTEE

INSTITUTE BODY

S. No.	Name of Members	Designation
1.	Prof. (Dr.) George A D'Souza Dean St. John's Medical College, Bengaluru	President
2.	Shri Ramesh Bais Hon'ble Member of Parliament Lok Sabha	Member
3.	Shri Abhishek Singh Hon'ble Member of Parliament Lok Sabha	Member
4.	Vacant Hon'ble Member of Parliament Rajya Sabha	Member
5.	Secretary (Health) Ministry of Health and Family Welfare Government of India, New Delhi	Member
6.	Directorate General of Health Services Ministry of Health and Family Welfare Govt. of India, New Delhi	Member
7.	Additional Secretary & Financial Advisor Ministry of Health and Family Welfare Govt. of India, New Delhi	Member
8.	Ms. K. Sujatha Rao Former Secretary Ministry of Health and Family Welfare Govt. of India, Hyderabad	Member
9.	Chief Secretary Government of Chhattisgarh Naya Raipur, Chhattisgarh	Member
10.	Vice-Chancellor Pt. Deendayal Upadhyay Memorial Health Sciences and Ayush University Raipur, Chhattisgarh	Member

S. No.	Name of Members	Designation
11.	Prof. (Dr.) T.S. Ravikumar Former Director JIPMER, Puducherry	Member
12.	Prof. Bhaskar Ramamurthi Director Indian Institute of Technology, Chennai	Member
13.	Prof. Bharat Bhasker Director Indian Institute of Management, Raipur	Member
14.	Prof. (Dr.) Vinod Paul Member NITI Ayog, Govt. Of India	Member
15.	Prof. (Dr.) V. Ravi Professor, Department of Neurovirology National Institute of Mental Health and Neurosciences (NIMHANS) Bengaluru	Member
16.	Dr. A.K. Chandrakar Vice-Chancellor, Pt. Deendayal Upadhyay Memorial Health Sciences and Ayush University Raipur, Chhattisgarh.	Member
17.	Prof. (Dr.) Nitin M. Nagarkar Director All India Institute of Medical Sciences, Raipur.	Member Secretary (Ex-Officio)

GOVERNING BODY

S. No.	Name of Members	Designation
1.	Prof. (Dr.) George A D'Souza Dean St. John's Medical College, Bengaluru	Chairman
2.	Shri Ramesh Bais Hon'ble Member of Parliament Lok Sabha	Member
3.	Vacant Hon'ble Member of Parliament Rajya Sabha	Member
4.	Secretary (Health) Ministry of Health and Family Welfare Government of India New Delhi	Member
5.	Directorate General of Health Services Ministry of Health and Family Welfare Government of India New Delhi	Member
6.	Additional Secretary & Financial Advisor Ministry of Health and Family Welfare Government of India, New Delhi	Member
7.	Chief Secretary Government of Chhattisgarh Naya Raipur, Chhattisgarh	Member
8.	Prof. (Dr.) T.S. Ravikumar Former Director JIPMER, Puducherry	Member
9.	Prof. Bharat Bhasker Director Indian Institute of Management Raipur	Member
10.	Prof. (Dr.) Nitin M. Nagarkar Director All India Institute of Medical Sciences Raipur	Member Secretary (Ex-Officio)

STANDING FINANCE COMMITTEE

S. No.	Name of Members	Designation
1.	Secretary Ministry of Health and Family Welfare Government of India, New Delhi	Chairman
2.	Shri Abhishek Singh Hon'ble Member of Parliament Lok Sabha	Member
3.	Directorate General of Health Services Ministry of Health and Family Welfare Government of India, New Delhi	Member
4.	Additional Secretary & Financial Advisor Ministry of Health and Family Welfare Government of India, New Delhi	Member
5.	Chief Secretary, Government of Chhattisgarh Naya Raipur, Chhattisgarh	Member
6.	Prof. (Dr.) V. Ravi Professor Department of Neurovirology National Institute of Mental Health and Neurosciences (NIMHANS) Bengaluru	Member
7.	Prof. (Dr.) Nitin M. Nagarkar Director All India Institute of Medical Sciences Raipur	Member Secretary

ACADEMIC COMMITTEE

S. No.	Name of Members	Designation
1.	Prof. Vinod Paul Member NITI Ayog Government of India	Chairman
2.	(Vacant) Hon'ble Member of Parliament Rajya Sabha	Member
3.	Prof. Bhaskar Ramamurthi Director Indian Institute of Technology, Chennai	Member
4.	Vice Chancellor Pt. Deendayal Upadhyay Memorial Health Sciences and AYUSH University of Chhattisgarh, Raipur Chhattisgarh	Member
5.	Prof. (Dr.) V. Ravi Professor Department of Neurovirology National Institute of Mental Health and Neurosciences (NIMHANS) Bengaluru	Member
6.	Prof. Bharat Bhasker Director Indian Institute of Management Raipur	Member
7.	Prof. (Dr.) Nitin M. Nagarkar Director All India Institute of Medical Sciences Raipur	Member Secretary

ACADEMIC CUM EXAMINATION SECTION

Dean (Academics) Dr. S.P. Dhaneria, Professor & Head Department of Pharmacology	Sub Dean (Academics) Dr. Krishnadutt Chavali Professor & Head, Dept. of Forensic Medicine & Toxicology	Registrar Dr. Nitin Gaikwad Additional Professor, Dept. of Pharmacology	Assistant Controller of Examination Shri Milind Mujumdar
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The Academic-cum-Examination Section was set up in April 2013. Dr. S P Dhaneria and Dr Krishnadutt Chavali are Dean (Academics) and Sub Dean (Academics), respectively.

Dr. Nitin Gaikwad, Additional Professor, Department of Pharmacology has been given the additional charge of Registrar from 09.11.2018 onwards.

The Section has been entrusted with the responsibility of all Academic matters pertaining to the students and faculty of the institute as also examination work of the students admitted to the institute.

MBBS and B.Sc. (Hons) Nursing courses are being run since 2012 and 2013, respectively. The postgraduate courses (MD/MS) have been started from July 2017 with annual intake of 35 seats which was increased to 71 seats per annum in July 2018. M.Sc. Nursing (Psychiatric) was started from July 2018 onwards with annual intake of 2 seats. Till January 2019 session, a total of 80 students are studying in different postgraduate courses and two (02) students in M.Sc. Nursing (Psychiatric) course. The Academic Committee of AIIMS Raipur has approved the proposal of enhancement of 21 seats in MD/MS courses and two (02) seats in Psychiatric Nursing for M.Sc. Nursing Course in its 4th meeting held on 11.03.2019 at NITI Aayog, New Delhi. Thus, from July 2019 session onwards, total PG (MD/MS) seats will be 92 and M.Sc. Nursing (Psychiatric) will be four (04) seats per annum.

In addition, the Academic Committee also approved the following courses:

1. Superspeciality courses - DM (Clinical Pharmacology), DM (Pulmonary Medicine)

and M.Ch. (Pediatric Surgery) - 2 seats per annum for each course.

2. PhD courses (Physiology and Nuclear Medicine) - 2 seats per annum for each course.
3. Post Doctoral Certificate Courses - Anaesthesiology (Neurosurgical Anaesthesia, Critical Care - 2 seats per annum for each course), Radiodiagnosis (Cardiothoracic and Vascular Imaging and Interventional Radiology - 2 seats per annum). Paediatrics (Paediatric Critical Care, Neonatology - 4 seats per annum for each course).
4. Master of Public Health (MPH) - 6 seats per annum.
5. Paramedical Courses -
 - a. B.Sc. in Operation Theatre Technology - 8 seats per annum.
 - b. B.Sc. in Medical Technology in Radiography - 5 seats per annum.
 - c. Bachelor in Audiology and Speech Language Pathology- 4 seats per annum.
 - d. B.Sc. in Medical Laboratory Technology - 8 seats per annum.
 - e. Advanced Diploma in Radiotherapy Technology - 2 seats per annum.
6. Certificate course in Pre-Hospital Trauma Technician - 10 seats per annum.

Details of the courses:

MBBS

Batch	Annual Intake	Students admitted	Studying in	Exam scheduled in	Remark
2012	50	50	—	—	Completed the course.
2013	100	100	—	—	Completed the course.
2014	100	89	—	—	Posted for one year compulsory rotational internship from January 2019.
2015	100	100	3 rd Professional	December 2019	—
2016	100	100	3 rd Professional	December 2020	—
2017	100	100	2 nd Professional	December 2019	—
2018	100	100	1 st Professional	July 2019	—

The students of 2012 and 2013 batches are pursuing postgraduate courses at various esteemed central and state medical colleges.

B.Sc. (Hons.) Nursing

Batch	Annual Intake	Students admitted	Studying in	Exam scheduled in	Remark
2013	60	60	—	—	Completed the course.
2014	60	60	—	—	Completed the course.
2015	60	60	4 th year	July 2019	—
2016	60	60	3 rd Year	July 2019	—
2017	60	60	2 nd Year	July 2019	—
2018	60	60	1 st Year	July 2019	—

The two batches of B.Sc. (Hons) Nursing course (admitted in 2013 and 2014) have been offered one year contractual employment in AIIMS Raipur.

MD/MS/MDS Courses

Session	Annual Intake	Students admitted	Studying in	Exam scheduled in
July - 2017	35	09	2 nd year	June/July - 2020
Jan - 2018		25	2 nd year	Dec./Jan - 2021
July - 2018	71	22	1 st year	June/July - 2021
Jan - 2019		42	1 st year	Dec./Jan - 2022

M.Sc. Nursing (Psychiatric)

Session	Annual Intake	Students admitted	Studying in	Exam scheduled in
July - 2018	02	02	1 st year	July - 2019

Performance of students in examination

Name of Exam	No. of Students Appeared	No. of Students passed	Percentage
MBBS 1st Prof	105	81	77.14%
MBBS 2nd Prof	93	76	81.72%
MBBS 3rd Prof	88	71	80.60%
Nursing 1st Year	60	51	85%
Nursing 2nd Year	59	47	79.66%
Nursing 3rd Year	58	55	94.83%
Nursing 4th Year	59	59	100%

Administration

Deputy Director (Administration)

Shri Neeresh Sharma

Senior Administrative Officer

Shri Milind Mujumdar (w.e.f 07.04.2018)

Stores Officer (Central Stores)

Shri Sushil Chandra Sonber (Till 12.12.2018)

Shri V. Sitaramu (From 12.12.2018)

Stores Officer (Hospital Stores)

Shri Rishi Gupta

The General Administration including Personnel & Establishment, Security, Estate matters related to Engineering Services Department, Stores and Public Relation activities of the Institute are controlled and supervised by the Deputy Director (Admn). There are various branches looking after the above mentioned areas.

Responsibilities of Establishment Section and General Administration include appointments, arranging meetings of the statutory committees,

management of estate and property, purchase of equipment, materials and consumables, security arrangements, employees' welfare, handling matters pertaining to RTI, VIP References, Hindi Cell, PG Portal, Sexual Harassment, etc.

The total sanctioned staff of the Institute is 4089 which includes staff of all Centers/Main Hospital/D.O. The number of group-wise sanctioned strength and staff in-position is mentioned below:

S.No.	Category/Group	Sanctioned Strength	In-position
1.	Faculty	305	129
2.	'A'	930	380
3.	'B'	2228	831
4.	'C'	626	435
	Total	4089	1775

FOR THE YEAR 2018-19

HINDI CELL

Letters Received	Letters Disposed Of
1517	771

RTI CELL

Letters Received	Letters Disposed Of
491	491

VIP REFERENCE

Letters Received	Letters Disposed Of
06	06

PG PORTAL

Letters Received	Letters Disposed Of
85	85

SEXUAL HARASSMENT COMPLAINTS

Letters Received	Letters Disposed Of
00	00

Rajbhasha Cell

Prof. (Dr.) Nitin M. Nagarkar,
Director, AIIMS Raipur
Chairman

Departmental Official Language Implementation Committee
Shri Neeresh Sharma
Deputy Director (Administration)

Shri Millind Muzumdar
Rajbhasha Adhikari and Senior Administrative Officer

Nodal Officer
Shri Amit Kumar Banjare
Junior Administrative Officer

Members
All HoDs and Officers
AIIMS Raipur

Major Initiatives Taken by Rajbhasha Cell during FY 2018-19

1. Quarterly meetings of Rajbhasha Committee were held on 30 May, 29 September, 12 December, 2018 and on 19 February, 2019. Prof. (Dr.) Nitin M. Nagarkar, Director, AIIMS and Chairman, Rajbhasha Committee, AIIMS Raipur reviewed progress made under Rajbhasha act and instructed all HoDs to ensure implementation of direction given by Rajbhasha Commission, Ministry of Home Affairs, Gol.
2. Workshop on Hindi were organized on 27 June, 26 September, 28 December, 2018 and on 28 March, 2019.
3. AIIMS Raipur is an important constituent of Nagar Rajbhasha Implementation Committee in Raipur. First half yearly meeting of the Committee was held on 17 April, 2018 under the Chairmanship of Divisional Railway Manager. Dean Dr. S.P. Dhaneria and Shri Amit Kumar Banjare, JAO participated in the meeting. Second meeting was held on 18 September, 2018 under the Chairmanship of DRM. Prof. (Dr.) Nitin M. Nagarkar, Director, AIIMS, Shri Neeresh Sharma, DDA and Shri Amit Kumar Banjare, JAO participated in the meeting.
4. Central Hindi Training Institute, Gol, New Delhi organized five days workshop between 26-30 August, 2018. Shri Amit Kumar Banjare, JAO participated in the Workshop.
5. All India Rajbhasha Conference was organized in Agartala, Tripura from 18-19 January, 2019. Shri Diwakar Lokhande, Personal Secretary and Shri Amit Kumar Banjare, JAO participated in the Conference.
6. Hindi Pakwada was organized in September. Different competitions including medical terminology in Hindi, Essay, Speech, Summarization and Quiz competitions were organized. Winners were felicitated by the Guests.

Hindi cell is ensuring that the various mandatory provisions under Official Language Act are followed at AIIMS Raipur. Following initiatives have been taken for it:

1. AIIMS Raipur website made bilingual.
2. All the Notice Boards in Hospital and Medical College building are bilingual.
3. Hindi quotation and words have been put up at the entrance of Medical College and Hospital.
4. Hindi books were given to the winners during Hindi Pakwada programmes.
5. To impart Hindi language to non Hindi speaking employees, special training programmes for 21 employees have been ensured.
6. Hindi magazine 'Spandan' has been released in September, 2018.



Hindi Magazine 'Spandan' being released by Prof. (Dr.) Nitin M. Nagarkar, Director, AIIMS Raipur



Nagar Rajbhasha Kriyanvyan Samiti meeting by DRM Raipur was attended by Prof. (Dr.) Nitin M. Nagarkar, Director, AIIMS Raipur and Deputy Director (Administration) Shri Neeresh Sharma with all HoDs of Central Government Departments/PSUs of Raipur.

Finance & Accounts Financial Advisor

Shri H.G.S. Dhakad

From 01-04-2018 to 22-09-2018

Shri S.K. Neema (In-charge)

From 01-11-2018 to 31-03-2018

Accounts Officer

Shri S.K. Neema

Shri M.P. Dubey

Shri S.A. Alvi

The Finance & Accounts wing of AIIMS Raipur looks after many activities like payments of salary and other emoluments of various employees, vendor bills related to different procurements, payments of bills related to construction, budget preparation & expenditure control, accounting as per Civil Accounts Manual, CAG & internal audit compliances. These branches are supervised by the Financial Advisor by offering financial concurrence as per GFR & circulars/minutes issued by PMSSY Division of Ministry of Health and Family Welfare (MoHFW). Each branch is headed by an officer with supportive staff. A brief description of the activities of these branches is given below:

- Preparation of annual budget and receiving funds in form of grant-in-aid for salary, general & capital expenditure.
- To accord financial concurrence on the basis of allocation & allotment of funds and as per the provisions of GFR on matters related to procurement of capital items and revenue expenditure.
- To ensure that proper books of accounts and schedules are prepared and maintained as per the provisions of Central Accounting Manual (CAM) and as per the directions issued by Comptroller and Auditor General (CAG)/ Chief Controller of Accounts (CCA).
- To prepare pay bill of employees & other necessary records as per the provisions of income tax, sales tax, service tax & other statutes.
- To prepare the financial statements (receipts & payments accounts, income & expenditure account and balance sheet).
- To get the various Audits like CCA audit, CAG audit etc conducted efficiently & effectively and to prepare replies.
- Scrutiny of project related works and other bills.
- Submission of requisite receipt and expenditure details to PMSSY division of Ministry of Health & Family Welfare.

CIVIL WING

Executive Engineer(Civil)

Er. Manoj Rastogi

(w.e.f. 03.08.2018)

HIGHLIGHTS

All India Institute of Medical Sciences (AIIMS) Raipur being set up under the Central Sector Plan Scheme, Pradhan Mantri Swasthya Suraksha Yojana (PMSSY), Separate contracts for building

infrastructure works have been awarded in four packages namely, Construction of Medical College & Hostel Complex, Hospital Complex, Electrical Services and Estate Services.

SOURCE OF ABOVE DATA ON BED STRENGTH: ADMINISTRATION OF AIIMS RAIPUR

The Project Cell of AIIMS, Raipur mainly dealing with Construction activities of Package I, II, III and IV & New Civil & Electrical Works as per requirement including maintenance works at AIIMS Raipur. **Details are mentioned below:**

BRIEF OF ALL PACKAGES (as on 31.03 2019)

S. NO.	NAME OF PACKAGE	TENDERED AMOUNT	TOTAL WORK DONE VALUE	LIKELY COMPLETION COST INCLUDING EXCALATION & VARIATIONS as on date	PHYSICAL PROGRESS **
	CONTRACTOR	(IN CRORE)	(IN CRORE)	(IN CRORE)	(IN %)
1	PACKAGE – I	115.21	127.10	128.00	99.87
	M/S PUNJ LLOYD LTD.				
2	PACKAGE- II	262.40	309.15	310.50	99.56
	M/S B. L. KASHYAP & SONS LTD.				
3	PACKAGE-III	41.20*	36.13	38.60	96.85
	M/S AHLUWALIA CONTRACTS (INDIA) LTD.				
4	PACKAGE – IV	63.33	59.60	65.77	90.61
	M/S B. L. KASHYAP & SONS LTD.				

(*) Including O&M cost of Rs. 5.34 Cr.

(**) Physical Progress is derived as per likely Completion Cost excluding cost if any (also excluding material procured at site consideration)

- Financial progress of this period is Rs. 55.48 Crore (i.e. fund released to Package I, II, III & IV in THIS FINANCIAL YEAR 2018-19)

PACKAGE – I
MEDICAL COLLEGE & HOSTEL COMPLEX AT AIIMS RAIPUR

Contractor	:	M/s PunjLlyod Ltd.
Contract Amount	:	Rs. 115.21 Crore
Date of Commencement	:	30th May 2010
Original Date of Completion	:	29th Aug 2011
Expected Date of Completion	:	30.04.2019
Physical Progress (As per likely completion cost		
Excluding escalation of Rs. 24.19 Cr.	:	99.87 (in %)
Likely completion cost (Incl. Escalation & variations)	:	128.00 Crores
Fund released so far	:	127.10 Crores

BRIEF SCOPE OF WORK

S.NO	NAME OF BUILDING	PATTERN	TOTAL FLOOR (SQM)
1.	Medical College	LG+G+2	25416.00
2.	Nursing College	G+3	4300.00
3.	Auditorium	LG+G+1	2854.00
4.	Nurses Student Hostel	G+6	5914.00
5.	Nurses Hostel including Kitchen/Dinning	G+8	7920.00
6.	Girls Hostel	G+7	3161.00
7.	PG & Interns Hostel incl Recreation Hall	G+7	8392.00
8.	Boys Hostel including kitchen/Dinning	G+5	6408.00
9.	Resident Hostel including Recreation Hall	G+5	6094.00
10.	Animal House	G	150.00
11.	Electric Sub Station (No. 6)	G	163.00
	Total		70772.00

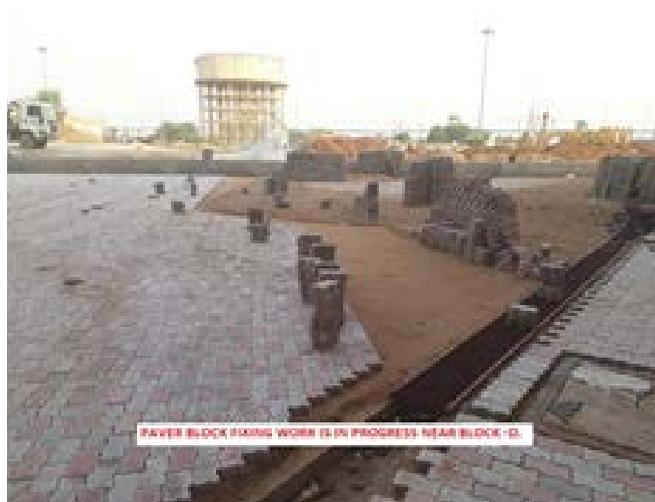
**PACKAGE – II
HOSPITAL COMPLEX AT AIIMS RAIPUR**

Contractor	:	M/s B L Kashyap & Sons Ltd.
Contract Amount	:	Rs. 262.40 Crores
Date of Commencement	:	11th Sep 2010
Date of Completion	:	10th Sep 2012
Expected Date of Completion	:	30.04.2019
Physical Progress (as per likely completion cost)	:	99.56 (in %)
Likely completion cost (Incl. Escalation & variations)	:	310.50 Crores
Fund released so far	:	309.15 Crores



BRIEF SCOPE OF WORK

S.NO	NAME OF BUILDING	PATTERN	TOTAL FLOOR (SQM)
1.	Hospital Building	LG+G+4	86970.00
2.	Trauma Centre	LG+G+3	7207.00
3.	Ayush and PMR	LG+G+2 LG+G+3	3384.00 4377.00
4.	Laundry	G	733.00
5.	Medical Gas Plant	G	223.00
6.	Boiler	G	58.00
7.	Electric Sub Stn – 2 & AC Plant	G	804.00
8.	Work Shop	G+1	962.00
9.	Bio Medical Waste Plant	G	457.00
10.	Garage & Office Maintenance	G	432.00
11.	Main Receiving Station & Sub Stn	G	1353.00
12.	LPG Store	G	36.00
13.	Incinerator	G	113.00
	Total		107109.00



CIVIL (Non DPR) as 31/03/2019
Academic Block

Month	Cumulative Physical Progress (%)	Current Month Expenditure (Cr.)	Task Progress	
			Task Status (select any one)	Remark
31/03/2019	NIL	NIL	Pending	Tender has been awarded to M/s Globe Civil Projects Pvt. Ltd., New Delhi by CPWD as informed by them vide their letter no: 298, Raipur, Dated: 25/03/2019

Administrative Block

Month	Cumulative Physical Progress (%)	Current Month Expenditure (Cr.)	Task Progress	
			Task Status (select any one)	Remark
31/03/2019	NIL	NIL	Pending	Tender has been awarded to M/s Globe Civil Projects Pvt. Ltd., New Delhi by CPWD as informed by them vide their letter no: 298, Raipur Dated: 25/03/2019

Centre of Excellence, AIIMS Campus, Raipur

Month	Cumulative Physical Progress (%)	Current Month Expenditure (Cr.)	Task Progress	
			Task Status (select any one)	Remark
31/03/2019	NIL	NIL	Pending	Matter is under Progress.

**Construction of School of Public Health in Ground Floor of Medical College
(Civil Works)**

Month	Cumulative Physical Progress (%)	Current Month Expenditure (Cr.)	Task Progress	
			Task Status (select any one)	Remark
31/03/2019	70.00	NIL	Pending	This work is being done from the Original work Sanctioned by the Ministry for the amount of Rs. 1.69 Crore.

Residential Complex Phase - II

Month	Cumulative Physical Progress (%)	Current Month Expenditure (Cr.)	Task Progress	
			Task Status (select any one)	Remark
31/03/2019	NIL	NIL	Pending	Estimate & NIT yet to be awaited from M/s HSCC (India) Ltd. M/s HSCC (India) Ltd. Including their Head Office at Noida is being intimated regularly to expedite the progress.

HOSPITAL

Medical Superintendent

Dr. Ajay Dani (MD)

Deputy Medical Superintendent

Dr. Nitin Kumar Borkar

Dr. Shrimanta Kumar Dash

Administrative Officer (Hospital)

Mr. V. Sitaramu

Medical Record Officer Cum Sub- Registrar (Birth & Death)

Kalleshwara.I.T

OPD SERVICES

Multi-specialty OPD services including Medicine, Cardiology, Surgery, Gynaecology & Obstetrics, Paediatrics, Pulmonary Medicine, Orthopaedics, ENT, Ophthalmology, Dermatology, Psychiatry, Dentistry, Paediatric Surgery, Burns & Plastic Surgery, Nephrology, CTVS, Ayurveda, Physiotherapy, Diet

INDOOR SERVICES:

The indoor patient departments (IPD) of the hospital are located in the Block-1(A - A1), Trauma Centre and AYUSH & PMR building. The total number of beds and operation theatres planned for the hospital is 960. Total of 700 beds are functional as of now. The beds are used by the patients of all OPD departments running at AIIMS Raipur.

DIAGNOSTIC SERVICES:

X-ray, ultrasound, 128-slice CT scan, 256-slice CT scan, DSA lab, Ultrasound machines, OPG machine, Mammography machine, CR and DR, Clinical Biochemistry, Pathology, and Microbiology

HIGHLIGHTS:

In AIIMS, Raipur Hospital Department of central Medical Records has been regularly furnishing the data related to patient OPD, IPD, Surgery details, manpower and other activities of AIIMS Raipur to MoHFW. MRD also uploads its progress report on the portal of PMSSY Division regularly.

The Medical Records Department is a Centralized System for preserving the Medical Records of In-Patient by using the Serial Numbering System. A single number is assigned to a new patient which

Clinic, Neurosurgery, Nuclear Medicine, Physical Medicine & Rehabilitation (PMR), Neurology are functioning regularly. Online OPD registration facility (ORS) is available for ease of patient registration. During this period ending by March-2019, 3,73,808 patients attended various OPD services of the institute.

Four Modular operation Theatres and one minor operation theatre are fully functional.

The operating facilities are available for Burns & Plastic Surgery, CTVS, Dentistry, ENT, General Surgery, Obstetrics and Gynaecology, Ophthalmology, Orthopaedics, Paediatrics Surgery and Neurosurgery.

investigations, Cath-Lab Angiography, MRI are available round the clock within the hospital. Specialized audiology investigations have also been started.

is called UHID Number. This number is common to all the department of the Hospital irrespective of whether the patient is Out-Patient/In-patient. The patient is provided only with a CR/ In-Patient /UHID Number Card or Identity Card which should be retained by the patient. The same number is used by the patients for their subsequent visits.

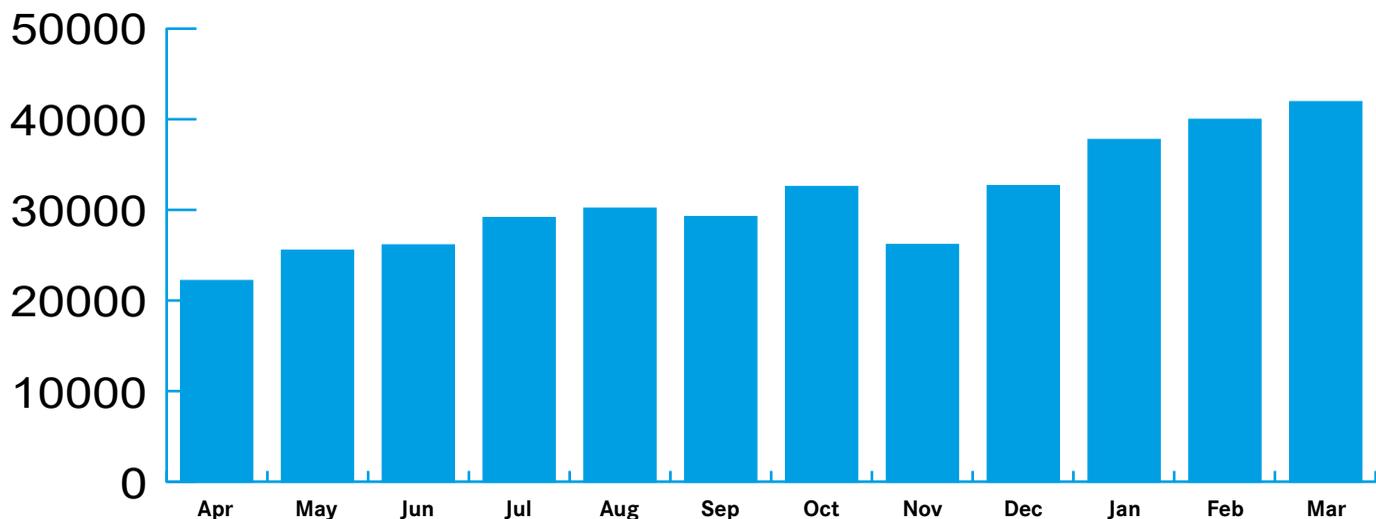
Department of central Medical Records has introducing the 'One Patient, One Record, One Number'-an electronic health record for every citizen.

MAJOR FUNCTIONS OF MRD

- MRD keeps all Indoor/Outdoor/MLC Patients Clinical written record in its Chronological order in safe & secure custody.
- MRD issues Birth/Death Certificates & correction Birth/Death to next to nearest patient's relative MRD issues Patient's Record to Hon'ble Court for Documentary evidence purposes.
- MRD issues record to: Patient, Police, Public, Govt. Institution, NGO, WHO, MOH&FW, Red Cross, Various Commissions,
- MRD issues record to Researchers for Evidence base Medical Research and Development, Patient Drug trial purposes, various periodical publications.
- MRD prepares Annual Hospital Performance Report: Statistics of Patients.
- Counter signature of Reimbursement of Medical Bills.
- Dealing with receipt and disposal of summons
- Dealing with receipt and disposal of filling up of Insurance claim forms/Medico-legal cases.
- Issuance of Medical Record under RTI Act.
- MRD prepares and gives regular feedback to Authorities, for developing Complete EMR System/Computerization.

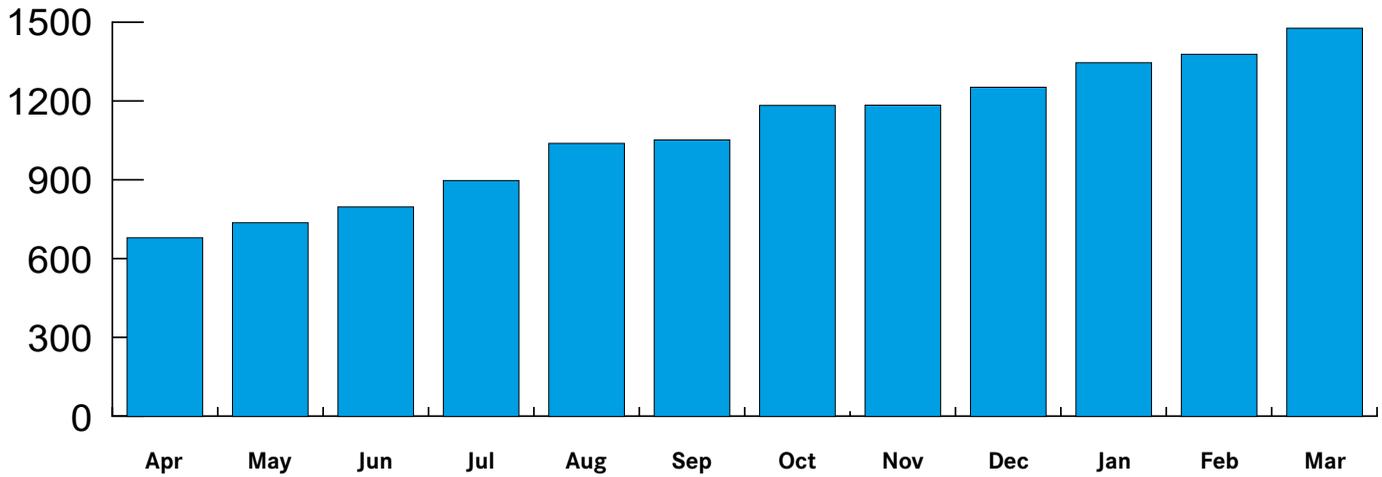
Total Number OPD-2018-2019

Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
22238	25582	26165	29174	30210	29279	32590	26205	32691	37765	39981	41928



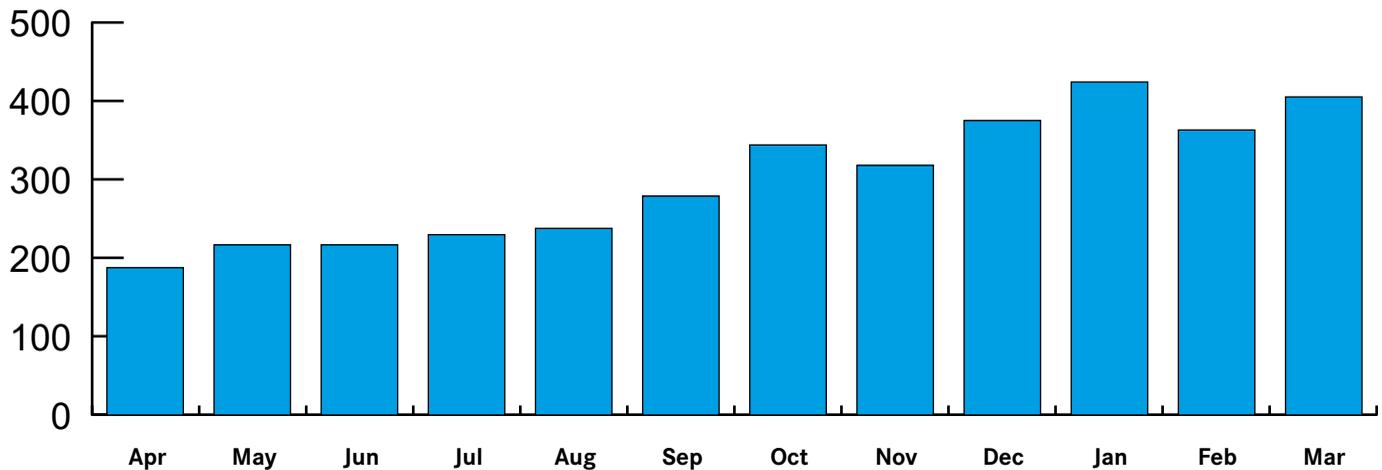
INPATIENTS ADMISSION– 2018-2019

Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
681	738	798	898	1039	1052	1183	1184	1252	1345	1377	1476



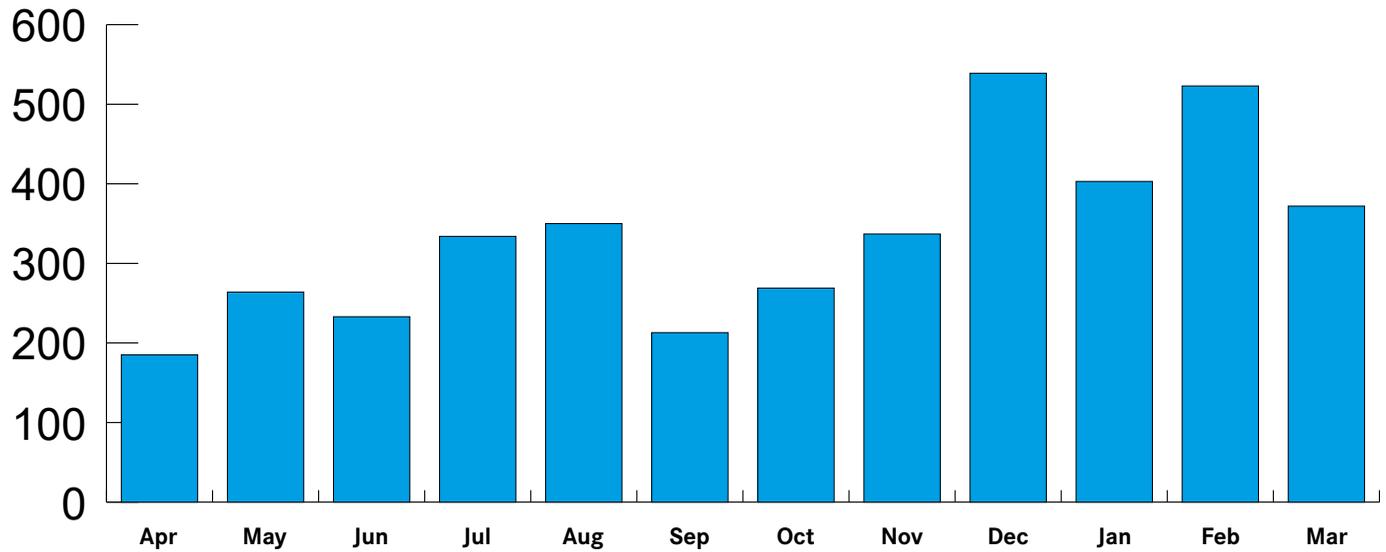
Major OT- 2018-2019

Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
188	217	217	230	238	279	344	318	375	424	363	405



Minor OT- 2018-2019

Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
185	264	233	334	350	213	269	337	539	403	523	372



College of Nursing

Assistant Professor

Dr. Binu Mathew

Assistant Professor

Mrs. J. Jeayareka

HIGHLIGHTS

Activity	Date	Highlights
World Mental Health Day	8.10.2018 – 10.10.2018	<p>“World Mental Health Day” was observed with the theme of “Young People and Mental Health in Changing World” for the students and staff. Activities conducted</p> <ul style="list-style-type: none"> • Poster competition on ‘Cyber bullying and its Prevention’, • Psycho drama on ‘Mental Health of Youth’, • Debate competition on ‘Impact of Social Media on Youth Mental Health’, • School Mental Health Awareness Programme at Kendriya Vidhayalaya, Adharsh Vidhayalaya, Maharshi Dayanand Vidhayala by conducting quiz competition, • CNE on ‘Youth Mental Health’. Students of B.Sc (Hons) Nursing, Nursing Officers and Students of Schools were benefitted by this programme.
The World Obesity Day	11.10.2018	<p>The World Obesity Day observed with the aim of creating awareness regarding obesity among people since it is the main root cause for many serious health problems. As a part of the celebrations, poster exhibition on obesity and roleplay on the consequences of obesity was conducted in medicine OPD. Posters for the exhibition were prepared by students of B Sc. Nursing (Hons) fourth year under the guidance of teaching faculty.</p>
The World Diabetes Day	11.10.2018	<p>World Diabetes Day observed with the aim of creating awareness regarding Diabetic among people. As a part of the celebrations, poster exhibition on Diabetes and role play on the consequences of Diabetes was conducted in medicine OPD. Posters for the exhibition were prepared by students of B Sc. Nursing (Hons) fourth year under the guidance of teaching faculty.</p>

Activity	Date	Highlights
Newborn Care Week Celebration	15.11.2018 – 21.11.2018	Newborn care week observed between 15.11.2018 – 21.11.2018, with the aim of generating awareness and suggests measures to improve the health of the new born and subsequently their survival. The programme was organized in three different areas –CHC in Jheet Village, Paediatric, obstetrics & Gynaecology OPDS, antenatal & postnatal wards of AIIMS hospital Raipur. Activities during the week were: <ol style="list-style-type: none"> 1. Poster exhibition on newborn care, 2. Demonstration on proper breast feeding techniques, 3. Display of antenatal & postnatal diets, and 4. Role play on various aspects related to newborn care was conducted.
School Health Programme & Health Camp	1.02.2019 – 2.02.2019	<ol style="list-style-type: none"> 1. Conducted at Chhattisgarh Shashkiya Purva- Madhayamik Vidhyalaya, Mohba Bazar. 2. Health education for class 6th -8th standard on personal hygiene, dental hygiene, environmental sanitation, Healthy food and nutrition & for class 9th -12th standard on Prevention of accidents, Reproductive Health Education and stress management techniques. 3. Exhibition on communicable and non communicable diseases, role of students in environmental sanitation, and nutrition
World Cancer Day	4.02.2019	World Cancer Day was observed by AIIMS College of Nursing in collaboration with Department of Radiotherapy, on the theme “I AM & I WILL” on 4.02.2019

EDUCATION

- M.Sc. Nursing started with intake of 2 students M.Sc. Nursing (Psy) July 2018 onwards.
- Organized Basic life support TRAINING PROGRAMME for the B.Sc. (HONS) Nursing I and III-year Students

CMEs/WORKSHOP/SYMPOSIA/NATIONAL & INTERNATIONAL CONFERENCES

Event	Date	Place
CNE on World Mental Health Day Theme: ‘Youth People and Mental Health in changing world’.	10.10.2018	College of Nursing, AIIMS, Raipur
CNE on World cancer day Theme: “I AM & I WILL”	4.02. 2019	College of Nursing, AIIMS, Raipur

LECTURES DELIVERED AT CMEs, NATIONAL & INTERNATIONAL CONFERENCES

S. No.	Name of Faculty Member:	Title of talk	Name of the CME/ Conference	Date	Venue
1.	Mrs. J. Jeayareka	LIAISON PSYCHIATRY-The Role Of Nurse	2 nd National Nursing Conference On Changing Paradigm In Nursing Strategy To Augment The Patient Care -2018	15.11.2018-16.11.2018	COLLEGE OF NURSING JIPMER - Pudhucherry
		Intellectual Social Responsibility	National Seminar	1.12.2018	Institute of Self Reliance Bhuvaneshwar
		Concept Mapping/ Research Data Base/Research Utilization	CNE	29.10.2018	College of Nursing, AIIMS RAIPUR
		Cyber Bullying And Youth Mental Health	CNE on World Mental Health Day	10.10.2018	College of Nursing, AIIMS RAIPUR
		"I AM AND I WILL" Cancer Prevention And Rehabilitation	CNE on World Cancer Day	04.02.2019	College of Nursing, AIIMS RAIPUR
		2.	Mrs. Chandramani Sahu	Aroma Therapy	CNE
Prevention & follow up In Mental Health	CNE on World Mental Health Day	10.10.2018		College of Nursing, Raipur	
3.	Mrs. Chitrekha Sippy	Prevalence and Incidence of Mental Illness	CNE on World Mental Health Day	10.10.2018	College of Nursing, AIIMS Raipur
4.	Mr. Prem Chander	Misconception, Stigma & discrimination of Mental disorders	CNE on World Mental Health Day	10.10.2018	College of Nursing, Raipur
5.	Mrs. Nirupam Nisha Sahu	Child Psychology	CNE	10.11.2018	College of Nursing, AIIMS Raipur

S. No.	Name of Faculty Member:	Title of talk	Name of the CME/ Conference	Date	Venue
7.	Mrs. Chhameshwari Verma	Non Pharmacological Interventions for Neonatal Pain control	CNE	24.11.2018	College of Nursing, AIIMS Raipur
8.	Dr. Solomon James	Radiation Therapy	CNE on World Cancer Day	04.02.2019	College of Nursing, AIIMS RAIPUR
9.	Kiran Suresh Murkut	Prevention and Recent Cosmetic Updates in Oncology	CNE on the theme 'I AM AND I WILL'	04.02.2019	College of Nursing, AIIMS Raipur

RESEARCH

Funded Projects

Ongoing

S. No.	Title of the Project	Name Principal Investigator	Funding Agency	Duration (years)	Start year- End year	Total funds sanctioned (Rs.)
1.	Effectiveness of virtual reality therapy on anxiety and symptom distress with chemotherapy among children with cancer.	Mrs. J. Jeayareka	NA	4 years	2016-2020	NA

Departmental Projects (including thesis/dissertations)

Ongoing

S. No.	Title of the Project
1.	Effectiveness of virtual reality therapy on anxiety and symptom distress with chemotherapy among children with cancer.
2.	Evaluates the effectiveness of Mindfulness Meditation on academic stress among adolescents in selected schools at Raipur.
3.	A Retrospective analysis of suicides reported in the print media, at Chhattisgarh from January 2014 to December 2018.
4.	Effectiveness of Emotional Intelligence Skill Training on emotional intelligence, work-life balance, empathy, self-efficacy and inter professional communication skills among Nursing Personnel working in selected primary, secondary and tertiary health care settings of Raipur district
5.	Effectiveness of video assisted teaching regarding ill effects of tobacco and pan-chewing among migrant labourers of Tatibandh, Raipur

S. No.	Title of the Project
6.	Effectiveness of structured teaching program on knowledge regarding selected government schemes among antenatal mothers from selected health care institutions of Raipur
7.	A study to assess the effectiveness of health teaching programme on effects of self medication used for common illnesses in children among mothers of under fives.
8.	A Descriptive study to assess the level of knowledge regarding malnutrition among mothers of under five children in Raipur, Chhattisgarh.
9.	“A study to assess the knowledge, attitude, utilization and perceived barriers in utilization of Kishori Shakti Yojana with a view to develop guidelines for effective implementation of Kishori Shakti Yojana among adolescent girls (11-17) at Raipur, Chhattisgarh”
10.	A quasi experimental study to assess the effectiveness of structured teaching programme on knowledge regarding prevention of osteoporosis among premenopausal women attending selected OPDs in AIIMS, Hospital, Raipur.
11.	Effectiveness of distraction technique on pain perception during venipuncture among 1-5 years children at AIIMS, Raipur.

Completed

S. No.	Title of the Project
	A study to assess the effectiveness of guided reflection on the level of stress among care takers of children with chronic illness at paediatric IPD, AIIMS, Raipur-2017
	A study to assess the effectiveness of stress management techniques on perceived burden among significant caretakers with schizophrenic clients at psychiatric IPD, AIIMS, Raipur -2017

Collaborative Projects

Ongoing

S. No.	Title of the Project	Collaborating Department/Institution
1.	Effectiveness of virtual reality therapy on anxiety and symptom distress with chemotherapy among children with cancer.	Research department/ Saveetha university, Thandalam, Chennai.

PUBLICATIONS

- Rohisha IK**, Jose TT, Chakrabarty J. Prevalence of anemia among tribal women. J Family Med Prim Care 2019; 8:145-7.
- Rohisha IK**, Effect of Calisthenics on Sleep Quality among Institutionalized Elderly. IOSR Journal of Nursing and Health Science (IOSR-JNHS) 2018; 7(6): 20-24.
- Rohisha IK**, Jose TT, Chakrabarty J. Prevalence of Malnutrition among tribal women. Community and Public Health Nursing 2018; 3(2):49-53.
- Annamreddi Leelavathi**, A. padmaja, “STP on interventions of burns and scalds wound healing among mothers of under-fives” **International journal of pediatric nursing**, 2018, volume 4, Pg. no: 151-153.
- Annamreddi Leelavathi**, “A descriptive study to assess the level of knowledge regarding weaning among Primipara mothers of infants” **Journal of Perinatal, Pediatric and Neonatal Nursing**, 2019, volume 1, Issue 2, Pg. no: 21-24.

PATIENT CARE

- Providing supportive services for the Nursing Services at AIIMS, Raipur
- Supervising and directing the Nursing care of students through clinical teachings, care study and clinical presentations of the students.
- Co-ordinating the clinical teachings and clinical Supervision with other departments.
- Organized Health education at individual, family and community levels for client teaching.

New Born week celebration at CHC Jheet-

- Organized poster exhibition on newborn care, demonstration on proper breast feeding techniques, display of antenatal & postnatal diets, and roleplay on various aspects related to newborn care on 16.11. 2018.

World Mental Health Day

- Organized debate competition on the topic “CYBER BULLYING” among nursing students

World AIDS Day

- Organized in-service education for CHC Jeet staff members and an awareness programme for community people on AIDS on 1.12.2018.

School Health programme:

- Conducted on 01.02.2019 and 02.02.2019 at Chattisgarh Sashkiya Purv-Madhayamik Vidhyalaya, Mohba Bazar.
- Health education for class 6th -8th standard on personal hygiene, dental hygiene, environmental sanitation, Healthy food and nutrition
- Health education for class 9th -12th standard on Prevention of accidents, Healthy food and nutrition, Reproductive Health Education and stress management techniques.
- Exhibition on communicable and non-communicable diseases, role of students in environmental sanitation, and nutrition

Health Camp:

- Conducted on 01.02.2019 and 02.02.2019 at Chattisgarh Sashkiya Purv-Madhayamik Vidhyalaya, Mohba Bazar.
- Health check-up was done for 340 students of Intermediate and High School which included examination of height, weight, nutritional status, general health status, eye, dental, ENT and mental health examination.

AWARDS, HONOURS AND SIGNIFICANT EVENTS

S.No.	AWARDS, HONOURS AND SIGNIFICANT EVENTS
1.	College of Nursing received Best NNF President Appreciation Award for Outstanding Newborn Week Celebration form National Neonatology Forum
2.	Mrs. J. Jeayareka has received - Received Bharat Vikas award- 2018 from Institute of self-reliance, Bhubaneshwar for the contribution towards Reproductive and child health care.

Anatomy

Additional Professor & Head

Dr. Dhanesh Kumar Sharma

Additional Professor

Dr. K. Vijaya Kumar

Associate Professor

Dr. Soumitra Trivedi

Dr. A. U. Siddiqui

Dr. Manisha B Sinha

Dr. Mrithunjay Rathore

HIGHLIGHTS

- Department provided Gross & Microanatomy Practical Manuals authored by HoD and colleagues to 1st year MBBS students.
 - 'Body-Donation Honor and Oath by 1st Year Students' program was organised on 23.10.2018 with relatives of Body-Donors, pledgers of Body-Donation & general public by honoring the graceful and moral act of body donation and taking oath by students for respectful handling of cadavers during teaching and training. This program is scheduled once in every year for last 6 years.
 - HoD chaired a scientific session in 66th NATCON National Conference of Anatomical Society of India held from 11.11.2018 to 14.11.2018 at AIIMS Rishikesh.
 - Research Activities in the department resulted into 8 publications in National/International Journals, 11 Oral/Lecture presentations in Conferences/CMEs and 20 Projects ongoing and 8 projects completed.
4. Seminar by postgraduate students
 5. Anatomy Drawing / Painting competition by MBBS 1st year students
 6. Body- donation and cadaver embalming
 7. Microanatomy lab slide preparation for teaching
 8. Specimens preparation in jars for Museum in the department
 9. Bone cleaning for bone bank

CMEs/WORKSHOP/SYMPOSIA/ NATIONAL & INTERNATIONAL CONFERENCES

1. Workshop on "Management of pelvic acetabular fractures" by Department of Orthopedics and Anatomy on 25.08.2018 at AIIMS Raipur
2. Program 'Body-Donation Honor and Oath by 1st Year Students' by the Department on 23.10.2018 at AIIMS Raipur
3. "National Symposium on Brain tumor" organised by Department of Neurology on 02.02.2019 at Institute.

EDUCATION

1. Postgraduate teaching
2. Undergraduate teaching to MBBS 1st year and B.Sc. Nursing 1st year
3. Seminars by 1st year students

LECTURES DELIVERED AT CMEs, NATIONAL & INTERNATIONAL CONFERENCES

Name of Faculty Member: Dr. D. K. Sharma

S. No.	Title of talk	Name of the CME/ Conference	Date	Organised by
1.	Body and Organ Donation	'Body-Donation Honor and Oath by 1 st Year Students'	23.10.2018	AIIMS Raipur
2.	Anatomy of Brain and Classification of Tumors of CNS	"National Symposium on Brain tumor"	02.02.2019	AIIMS Raipur
3.	Surgical Anatomy of Pelvis and Acetabulum	"Management of pelvic acetabular fractures"	25.8.2018	AIIMS Raipur

Name of Faculty Member: Dr. Mrithunjay Rathore

S. No.	Title of talk	Name of the CME/ Conference	Date	Organised by
1.	Scientific aspect of common yoga protocol	National Yoga fest	20.05.2018	Dindayal Upadhyay Auditorium Science College Raipur
2.	Overview of stress and its Coping strategies	Stress management workshop	18.06.2018	Chhattisgarh administration academy Raipur
3.	Common Yoga Protocol	International Yoga Day	21.06.2018	AIIMS Raipur
4.	Role of Yoga in pulmonary disorder and its recent updates	Adolescent health	17.09.2018	AIIMS Raipur
5.	Anatomical aspect of yoga	Yoga for youth program organized by Chhattisgarh Yoga Commission	16.02.2019	Chhattisgarh Yoga Commission Raipur
6.	Anatomical aspect of yoga	Yoga for all organized by Department of Physical Education	05.03.2019	Central University Raipur

LIST OF ORAL PAPERS/POSTERS PRESENTED

S. No.	Authors	Title of Presentation	Name of the Conference	Date	Venue
1.	Dr. Manisha B Sinha	Need of Sperm DNA fragmentation Test in male infertility	NATCON 66 by ASI	12.11.2018	AIIMS Rishikesh

RESEARCH

Funded Projects

Ongoing

S. No.	Title of the Project	Name Principal Investigator	Funded by (Name of funding agency)	Duration (years)	Start year-End year	Total funds sanctioned (Rs.)
1.	Anatomic study and clinical significance of the endoscopic endonasal approach to the anterior communicating artery complex	Dr. Anil Sharma Co- Principal Investigator: Dr. Dhanesh Kumar Sharma	Intramural (AIIMS Raipur)	2 year	2019-20	5,00,000/-
2.	Testing of micro deletions of genes on Y chromosome in male partner infertility	Dr. Manisha B Sinha	CGCOST, Raipur	3 years	2018	5,00,000/-
3.	Study of Sperm DNA fragmentation by sperm chromatin dispersion test in semen of male partner of infertile couple	Dr. Manisha B Sinha	AIIMS, Raipur	2 year	2017	5,00,000/-

Departmental Projects (including thesis/dissertations)

Ongoing

S. No.	Title of the Project
1.	A Study on Coronary Collaterals and their impact on left ventricular ejection fraction.
2.	A Microsurgical Anatomical Study of the Medial Surface of the Temporal Lobe of Cerebrum in Human cadaver of Chhattisgarh State.
3.	Study of Triangular fibrocartilage complex with reference to tearing patterns and distal Radioulnar joint instability- A Cadaveric study.
4.	Anatomical variations of the sphenoid sinus septations and clinico-anatomical correlations in trans-sphenoidal pituitary surgery.

S. No.	Title of the Project
5.	A study on the efficacy of Whatsapp assisted histology teaching verses conventional teaching to remove histophobia amongst first year medical students.
6.	Study on the ossification of sacrospinous ligament in human pelvis-an osteological analysis.
7.	Study on the bifurcation patterns of the Intercostobrachial nerve in human axillae and its significance in mastectomy procedures.
8.	Clinico- anatomical study on the branching pattern of the Common Carotid artery in human cadavers and the correlation with neighbouring anatomical structures.
9.	Myoelectric activity of core and lower limb muscles in different yoga postures and its clinical importance.
10.	Yoga Biomechanics-“Investigation on the effect of different yoga postures on core muscle and motion patterns in healthy yoga practitioners”.
11.	Impact of selected Yoga postures on core muscle in degenerative disk disease without neurological deficit.

Collaborative Projects

Ongoing

S. No.	Title of the Project	Collaborating Department/Institution
1.	Study of endoscopic advantage over conventional approach for teaching nose, PNS and anterior skull base	Anatomy and ENT
2.	Assessment of percentage body fat by using ultrasound technique in adult Indian males	Anatomy and Physiology
3.	Impact of selected Yoga postures on core muscle in degenerative disk disease without neurological deficit	Department of Anatomy, Orthopedics and Physiology
5.	“Therapeutic efficacy of Yoga on Biochemical profile, Anxiety, and sleep Quality index of asthmatics: RCT	Department of Anatomy and Pulmonary Medicine
6.	Differential modulation of cardiac autonomic rhythm during different body posture”- Under Completion	Department of Anatomy and Physiology

PUBLICATIONS

- Sharma DK**, John MR, Chaudhary N. Abnormal Origin of the Right Coronary Artery: A Case Report with Literature Review. Indian J Anat. 2019;8(2):123-126.
- Athawale S, Kotgirwar S, Deopujari R, Sinha U, **Trivedi S**, Lalwani R. Terminal Condylar facets of the Femur. Implantation for knee Arthroplasty. The Journal of Knee Surgery. 2018;31(05):433-38.
- Trivedi S** and Singh P. Biceps Sartorius muscle and its clinical relevance: A Case Report. International Journal of Multidisciplinary Research and Development. 2018 5(7):87-88.
- Manisha B Sinha**, Human Sinha, Praisyy Joy, The acromial morphology and its implication in impingement syndrome: An anatomical

study. J Anat Soc of India 2018; 67(1):30-34.

5. Singh P, **Sinha MB**. Two Trunked Brachial Plexus: Multiple variations in formation, course and Distribution. JCDR. 2018;12:8.

6. **Rathore M**, Abraham J. Implication of Asana, Pranayama and Meditation on Telomere stability- Review article Int J Yoga. 2018 11(3):186.

Books:

S. No.	Author (s) of Chapter	Chapter Title	Name of the Editor	Name of the Book	Edition	City of Publication	Publisher	Year of Publication	First page-Last page
1.	Dr. D. K. Sharma Dr. Soumitra Trivedi Dr. A. U. Siddiqui Dr. Manisha B Sinha Dr. Mrithunjay Rathore	All chapters	Dr. D.K. Sharma	Manual of Microscopic Human Anatomy	5 th	Raipur	Department of Anatomy	2018	Complete
2.	Dr. D. K. Sharma Dr. Soumitra Trivedi Dr. A. U. Siddiqui Dr. Manisha B Sinha Dr. Mrithunjay Rathore	All chapters	Dr. D. K. Sharma	Manual of Human Gross & Developmental Anatomy	5 th	Raipur	Department of Anatomy	2018	Complete
3.	Dr. K Vijaya Kumar	All chapters		Text book of Anatomy and Physiology for B.Sc. Nursing					

AWARDS, HONOURS AND SIGNIFICANT EVENTS

1. **Dr. D.K. Sharma:** Selected by MCI as a Member for Assessment for Continuance of Recognition u/s 19 of Medical Colleges.
2. **Dr. Manisha S Sinha:** Received "Rashtriya Gaurav Award" in IFS on 28/3/19
3. **Dr. Manisha B Sinha:** Weekly academic meet on Genetics of male infertility: Y chromosome microdeletion and sperm DNA fragmentation on 22.2.2019 at AIIMS Raipur.
4. **Dr. Mrithunjay Rathore:** Special Activity Award in NSS by Ministry of Youth Affairs and Sports date 7th August 2018. Conducted "Yoga workshop for Diabetes" on World Diabetes Day 14.11.2018 at Bilaspur. Organized health camp as for underprivileged children on 26.8.2018 at Raipur.

PHOTOGRAPHS



Program: Body Donation and Oath by Students:



Drawing & Painting Competition among students

Anaesthesiology

Professor & Head

Dr. Praveen Kumar Neema

Professor

Dr. Nandkishore Agrawal
(Joined on 01.03.2019)

Additional Professor

Dr. Subrata Kumar Singha

Associate Professor

Dr. Monica Khetarpal
Dr. Rashmi Dubey
Dr. Samarjit Dey
(Joined on 19.03.2019)

Assistant Professor

Dr. Mayank Kumar
Dr. Sarita Ramchandani
Dr. Mamta
Dr. Chinmaya kumar Panda
Dr. Habib Md Reazaul Karim
Dr. Jitendra V. Khalbande
(Joined on 05.03.2019)

HIGHLIGHTS

The department of Anaesthesiology is providing routine anesthesia, regional analgesia, and monitored anaesthesia care in nine major operation theatres for performing routine surgical procedures of various departments. Additionally, the department provides anaesthesia to the patients undergoing CT and MR imaging under sedation / anaesthesia, procedures in DSA laboratory, and ultrasound guided procedures. The department also provide technical expertise and support to the patients admitted to trauma and emergency ward and high dependency unit needing

endotracheal intubation, peripheral and central venous cannulation, etc.

The department is managing a 16 bedded critical care unit wherein neurosurgical, cardiothoracic and vascular surgery patients, and patients of urology, general surgery, ENT, gynaecology and obstetrics etc. are clinically managed.

The department is also conducting basic life support and advance cardiac life support training for undergraduates, nursing students and nursing staffs and others.

EDUCATION

The department is associated with teaching of undergraduate students (MBBS), interns, postgraduate students (MD Anaesthesiology) as well as teaching and training of senior residents in scientific practice of clinical anaesthesia and management of patients in critical care and pain management. The department is planning to start post-doctoral certificate courses (PDCC) in Neurosurgical anaesthesia and Critical care from July 2019, the PDCC courses has been approved by the academic committee of the institute.

Lectures delivered at CMEs, National and International Conferences:

Name of Faculty Member: Prof. Dr. P.K. Neema

S. No.	Title of talk	Name of the CME/ Conference	Date	Organized by
1.	One Lung Ventilation	ISACON CG	6.10.2018 to 7.10.2018	CIMS Bilaspur
2.	Intraoperative hypotension and hypertension: Causes & Management	ISACON 2018	26.11.2018 to 28.11.2018	Indian Society of Anaesthesiologists, Agra
3.	Current strategies in fast tracking in paediatric cardiac surgery	1 st Sanjivani Seminar on Paediatric Sciences	28.11.2018	Sri Sathya Sai International Centre for Child Heart Care & Research Palwal, Haryana
4.	Risk factors for neurologic injury in paediatric cardiac surgery: causes and management	IACTACON 2019	22.02.2019 to 24.02.2019	Indian Association of Cardiovascular Thoracic Anaesthesiologists Kolkata
5.	Problem based learning – Postoperative ventilator associated pneumonia (VAP)	IACTACON 2019	22.02.2019 to 24.02.2019	Indian Association of Cardiovascular Thoracic Anaesthesiologists Kolkata
6.	Anaesthetic implications of laparoscopic surgery	CZ PG Assembly, Lucknow 2019	13.03.2019 to 17.03.2019	RML Lucknow
7.	Intraoperative Hypotension: Causes and Management	CZ PG Assembly, Lucknow 2019	13.03.2019 to 17.03.2019	RML Lucknow

Name of Faculty Member: Dr. Subrata Kumar Singha

S. No.	Title of talk	Name of the CME/ Conference	Date	Organized by
1.	Advances in Neuromonitoring – Anesthesiologist's Perspective	1 st Annual Brain tumor Symposium	2.02.2019	AIIMS, Raipur
2.	Peri-operative management of maxillofacial surgery patient	23 rd Mid-term conference, 9 th PG convention and 4 th CG state conference of AOMSI	28.02.2019 and 1.03.2019 -2.03.2019	AOMSI, C.G State Raipur

Name of Faculty Member: Dr. Mayank Kumar

S.No.	Title of talk	Name of the CME/ Conference	Date	Organized by
1.	Adductor Canal Block: How I do it	International Conference on Pain Management	31.10.2018	AIIMS Jodhpur
2.	Paediatric lower limb block	Indian Association of Paediatric Association	08.02.2019	AIIMS, New Delhi

Name of Faculty Member: Dr. Habib Md. Reazaul Karim

S.No.	Title of talk	Name of the CME/ Conference	Date	Organized by
1.	Safety and efficacy of Mechanical ventilators	ISACON-UK	12.09. 2018 -14.09. 2018	AIIMS Rishikesh
2.	Types of anesthesia for laparoscopic cholecystectomy – Panel discussion	ISACON CG	6.10.2018 -7.10.2018	CIMS Bilaspur
3.	Peri-operative management of maxillofacial surgery patient	23 rd Mid-term conference, 9 th PG convention and 4 th CG state conference of AOMSI	28.02.2019 and 1.03.2019 -2.03.2019	AIIMS Raipur
4.	Preoperative assessment & management: Minimizing preoperative testing	ISACON	25.11.2018 - 29.11.2018	Indian Society of Anaesthesiologists, Agra

Name of Faculty Member: Dr. Mamta

S.No.	Title of Talk	Name of the CME/ Conference	Date	Organized by
1.	Miscellaneous topics on Pain Management	7 th International Conference on Pain Management	27.10.2018 – 31.10.2018	AIIMS, Jodhpur

RESEARCH

Departmental projects (Including thesis/dissertations)

Ongoing projects

S.No.	Title of the Projects
1.	Comparative study between dexmedetomidine and dexamethasone adjuvant to levobupivacaine in ultrasound guided supraclavicular brachial plexus block scheduled for upper limb surgery

S.No.	Title of the Projects
2.	Incidence of Acute Kidney Injury after non-cardiac major plus surgeries: a prospective assessment with NGAL and its clinical implications (Intramural project approved by IEC)
3.	Relationship of Perfusion Index with nil per orally duration and prediction of hypotension following spinal anaesthesia.
4.	Customized verses standard fixed sized pillow for tracheal intubation in the sniffing position: A randomized study
5.	A randomized prospective single blind study to compare the analgesic efficacy of thoracic epidural block and erector spine plane block in breast cancer surgery
6.	Comparative study between suprascapular nerve block versus platelet rich plasma injection in the treatment of adhesive capsulitis of shoulder joint.
7.	Attenuation of hemodynamic response to laryngoscopy and tracheal intubation with intravenous morphine: a randomized comparison of four different timings
8.	Information technology-based joint preoperative assessment and risk stratification and its impact on patient management, perioperative outcome, and cost. (Intramural project). PI - Habib Md Reazaul Karim
9.	Randomized, single-blind, comparison of two different flow rates of sevoflurane anaesthesia on acute kidney injury. (Intramural Project) - PI- Habib Md Reazaul Karim
10.	Ultrasound versus Armitage formula guided caudal block in pediatric patients undergoing infra-umbilical surgery: a randomized single-blind comparison of volume requirement. (Intramural project)- PI- Chinmaya Kumar Panda
11.	Effect of real-time oxygen consumption versus fixed flow based low flow anaesthesia on oxygenation and perfusion: a randomized, single-blind study.
12.	A randomized controlled clinical study to assess the effect of tranexaemic acid on blood loss in orofacial and head neck cancer surgery.
13.	The relationship of perfusion index with post SAB sensory block regression in parturients undergoing LSCS: a pilot study.
14.	Accuracy and comparison of inferior vena cava collapsibility index and perfusion index as a predictor of post-spinal anaesthesia hypotension in parturient undergoing caesarean delivery: A self-controlled, single-blind study.
15.	A randomized prospective single blind study to compare the analgesic efficacy of thoracic epidural block and erector spine plane block in breast cancer surgery.
16.	A Prospective, Double Blind Randomized Control Study to assess the duration and quality of analgesia of ultrasound guided transversus abdominis plane (TAP) block with Ropivacaine and two different doses of Dexamethasone in patients with lower abdominal surgeries.
17.	Effect of dexmedetomidine in femoral block for post operative analgesia in patients undergoing knee surgery; a randomised double blind controlled study.

PUBLICATION

1. **Neema PK.** In Response to “Use of autologous umbilical cord blood transfusion in neonates undergoing surgical correction of congenital cardiac defects: A pilot study”. *Annals of Cardiac Anaesthesia*. 2018; 21 (3): 275.
2. **Neema PK.** Dishonesty in medical research and publication. *Annals of Cardiac Anaesthesia*. 2018; 18(4): 111.
3. **Kumar M, Mistry T, Singha SK, Sinha M.** Ultrasonography-guided internal jugular venous catheterization: Unusual position and unusual circumstances. *Indian Journal of Critical Care Medicine*. 2018; 22: 468-9.
4. Singha S, Bahammam A, Antonio M, Esquinas. Non-invasive ventilation in low- and low-middle income countries: Insights for real-world analysis. *Journal of Critical care*. 2018; 47: 352.
5. **Singha SK & Esquinas AM.** High-Flow Nasal Cannula Oxygen Delivery during Bronchoalveolar Lavage: A Question of Methodology Influence? *Tuberculosis and Respiratory Diseases*. 2019; 82(1), 86.
6. **Karim HMR, Panda CK, Singha SK.** Accepting a Chronic kidney disease patient for perioperative management: A narrative review of key aspects. *Anaesthesia Pain & Intensive Care*. 2018; S 29-38.
7. **Panda CK, Karim HMR, Singha SK.** Non-cardiac respiratory monitoring of mechanically ventilated critically ill patients. *Anaesthesia Pain & Intensive Care*. 2018; S150-159.
8. **Singha SK, Karim HMR, Panda CK.** Cardiopulmonary Bypass: Basic Principles and Update in anesthetic management. *ARC Journal of Anaesthesiology*. 2018; 3(2), 14-20.
9. **Kumar M, Sinha M, Karim HMR, Panda CK, Singha SK.** Practice Pattern of Fresh Gas Flow and Volatile Agent Choices among Anesthesiologists Working in Different Indian Hospitals: An Online Survey. *Anesthesia Essays and Researches*. 2018 Oct-Dec; 12(4): 907-913.
10. **Karim HMR, Esquinas AM.** Success or Failure of High-Flow Nasal Oxygen Therapy: The ROX Index Is Good, but a Modified ROX Index May Be Better. *American Journal of Respiratory and Critical Care Medicine*. 2019;200(1):116-7.
11. **Panda CK, Karim HMR.** Too much of anything is bad: An unusual case of a stuck endotracheal tube with deflated cuff. *Saudi Journal of Anesthesia*. 2019; 13(2): 56-157.
12. **Karim HMR.** Arterial and end-tidal carbon-di-oxide tensions are indifferent under spinal and general anaesthesia in upper abdominal laparoscopic surgeries: result needs cautious acceptance. *Journal of Bangladesh College of Physicians & Surgeons*. 2019; 37(2): 93-94.
13. **Karim HMR, Burns KEA, Ciobanu LD, et al.** Noninvasive ventilation: education and training. A narrative analysis and an international consensus document. *Advances in Respiratory Medicine*. 2019; 87(1): 36-45.
14. Klerk AD, **Karim HMR, Esquinas AM, et al.** Additional factors to consider while providing

- humidification support to neonates. *Acta Paediatrica*. 2019; 108(2): 379.
15. **Karim HMR**. Dexmedetomidine versus Propofol Along with Scalp Block for Chronic Subdural Haematoma Evacuation Under Monitored Anaesthesia Care: Which is Better? *Turkish Journal of Anaesthesiology & Reanimation*. 2019; 47(1): 79-80.
16. Burns KE, **Karim HMR**, Esquinas AM. Characteristic of Subjects Who Fail a 120-Minute Spontaneous Breathing Trial: When Minutes Are Taken into Account. *Respiratory care*. 2019; 64(1): 114-114.
17. **Karim HMR**. Cardio circulatory and respiratory monitoring of mechanically ventilated critically ill patients. *Anaesthesia, Pain and Intensive Care*. 2018; 22: S142-S149.
18. Patil NP, Vargheese S, Prakash A, **Karim HMR**. A Tale of an Impacted Thorny Twig in the Urethra and Over-Loading Removal Technique. *Indian Journal of Surgery*. 2019;81(3):295-7.
19. Borah TJ, **Dey S**, Yunas M, Dev Priyanka, **Karim HMR**, et al. Effect of different doses of intrathecal nalbuphine as adjuvant to ropivacaine in elective lower limb surgeries: A dose finding study. *Indian Journal of Anaesthesia*. 2018; 62(11): 865-70.
20. Kumar SEP, Soubani AO, Esquinas AM, **Karim HMR**. Critically ill Hematological Cancer Patients: How far the Severity Index Score can determine the outcome and duration of Aggressive Support? *Australian Critical care*. 2018; 31(6): 337-338.
21. **Karim HMR**, Esquinas AM. Asthmachronic obstructive pulmonary disease overlap syndrome: Is prediction feasible? *Lung India*. 2018; 35(6): 540-541.
22. **Karim HMR, Panda CK, Kumar M**, et al. Perioperative challenges for same sitting bilateral upper limb surgery in a patient of obstructive sleep apnoea, morbid obesity, hypothyroidism, and orthopnea. *Ain-Shams Journal of Anaesthesiology*. 2018; 10:1.
23. **Karim HMR**, Keshwani M. Nitrous oxide in waste anesthetic gases with different fresh gas flow: a case-based pilot observation and a practical thought on scavenging. *Medical Gas Research*. 2018; 8(3): 125-127.
24. Soo Hoo GW, Esquinas AM, **Karim HMR**. High flow nasal cannulae versus non-invasive ventilation in moderate hypercapnic respiratory failure. *The Clinical Respiratory Journal*. 2018; 12(9): 2457-2458.
25. **Karim HMR**, Khan TH. Religious belief as determinant of animal derived medications in health care: how much is fairly good? *Anaesthesia, Pain and Intensive Care*. 2018; 22(2): 151-154.
26. Esquinas AM, **Karim HMR**, Soo Hoo GW. Insight to the growing utilizations of high flow nasal oxygen therapy over non-invasive ventilation in community teaching hospital: alternative or complementary? *Hospital Practice*. 2018; 46(4): 170-171.
27. Esquinas AM, Givooni LG, **Karim HMR**. Pre-hospital invasive ventilation in patients with septic shock: Is hyperoxemia an unwanted company? *American Journal of Emergency Medicine*. 2019; 37: 533-534.

28. Rajaram N, **Karim HMR**, Prakash A, et al. Prevalence and impact of abnormal routine pre-operative test results among elective surgical patients with or without co-morbidity: An observational comparative study. *Nigerian Postgraduate Medical Journal*. 2018; 25(2): 121-125.
29. Esquinas AM, Steier JS, **Karim HMR**. Impact of sleep alterations on weaning duration of mechanically ventilated patients: how much is bad? *European Respiratory Journal*. 2018; 52(1): 1800925.
30. **Karim HMR**, Yunus M. Pondering for the frequency of routine single-lumen tracheostomy tube change for ongoing airway management in adult intensive care unit. *Acta Medica International*. 2018; 5(1): 31-34.
31. **Karim HMR**, Janardhan AL, Prakash A, et al. An Observational Study on Prevalence and Perioperative Impact of Arterial Hypertension and Diabetes Mellitus among Adult Surgical Patients. *Academia Anesthesiologica International*. 2018; 2(2): 3-8.
32. **Karim HMR**, Sahoo SK, Prakash A, et al. Abnormal routine preoperative test results and their perioperative anesthetic impact in patients aged 60 years and more: An observational study. *The Indian Anaesthetists' Forum*. 2018; 19(1): 6-10.
33. Dhar M, **Karim HMR**, Rajarm N, et al. A randomized comparative study on customized versus fixed sized pillow for tracheal intubation in the sniffing position by Macintosh laryngoscopy. *Indian Journal of Anaesthesia*. 2018; 62(5): 344-349.
34. Borah T, Yunus M, **Karim HMR**, et al. Efficacy of Airway Assessment Variables as Predictors of Difficult Intubation among Northeastern Population in India: A Hospital Based Prospective Study. *Indian Journal of Anesthesia and Analgesia*. 2018; 5(2): 289.
35. **Karim HMR**, Sinha M, **Kumar M**, **Khetrapal M**, **Dubey R**. An observation from an online survey: is fresh gas flow used for sevoflurane and desflurane different from isoflurane based anesthesia? *Medical Gas Research*. 2019 Jan 1; 9(1): 13-17.

Other Academic Activities of the Department:

Dr. Sarita Ramchandani:

- CCLS Instructor - Indian Society of Anaesthesiologists (ISA) & Indian Resuscitation Council (IRC) certified Comprehensive Cardiovascular Life Support (CCLS) Instructor since July 2018.
- Course Faculty - Compression Only Life Support (COLS) during World Restart a Heart Day Programme all over India on 23.10.2018.

Dr. Habib Md. Rezaul Karim:

Lead member of International Consensus Committee for Noninvasive ventilation: Education and Training.

AYUSH

Medical Officer

Dr. Sunil Kumar Rai (Ayurveda)
(joined on 06.03.2019)

Dr. Vikram Pai (Yoga)
(joined on 27.12.2018)

Dr. Adnan Mastan (Unani)
(joined on 31.12.2018)

Dr. V. K. Mahalakshmi (Siddha)
(joined on 16.01.2019)

Dr. Ashutosh Tripathi (Homeopathy)
(joined on 23.01.2019)

HIGHLIGHTS

- Outpatient departments of all 5 AYUSH streams are fully functional since Jan-2019.
- AYUSH medicines are made available at Amrit pharmacy.
- Homoeopathy medicines are made available at Homeopathy dispensary.
- Patients are undergoing therapeutic Yoga training on individual basis at Yoga hall.
- Cupping therapy unit is also fully functional in the Unani department.
- Varma therapy has also been initiated in the Siddha department.

CMEs/WORKSHOP/SYMPOSIA/NATIONAL & INTERNATIONAL CONFERENCES

- Organized a CME on Introduction to AYUSH Systems of Medicine on 8.03.2019 for the Faculty of AIIMS, Raipur at AIIMS Campus.
- Unani medicine Day was observed on 11.02.2019.

Biochemistry

Professor & Head

Dr. Eli Mohapatra

Additional Professor

Dr. Rachita Nanda

Dr. Kalyan Goswani

(Joined on 11.10.2018)

Associate Professors

Dr. Suprava Patel

Dr. Jessy Abraham

Dr. Seema Shah

(Joined on 29.08.2018)

Assistant Professor

Dr. Shweta Aggarwal

(Till 01.03.2019)

HIGHLIGHTS

1. Department started 24 Hours Lab services.
2. A Seminar was conducted on LCMS, PCR-digital droplet technology.

EDUCATION

1. New curriculum for MBBS was submitted for approval
2. A proposal was submitted for starting of BSC-MLT course.
3. Training was provided to students from NIT, Raipur from 15.06.18 to 30.06.18 and 15.12.18 to 27.12.18.

LECTURES DELIVERED AT CMEs, NATIONAL & INTERNATIONAL CONFERENCES

Name of Faculty Member: Dr. Rachita Nanda

S. No.	Title of talk	Name of the CME/ Conference	Date	Organised by
1.	Role of antinuclear antibodies in autoimmune disease	2 nd APAMBI, Andhra Pradesh State Conference on Medical Biochemistry	29.09.2018 and 30.09.2018	Chinakakani Mangalagiri

Name of Faculty Member: Dr. Jessy Abraham

S. No.	Title of talk	Name of the CME/ Conference	Date	Organised by
1.	Liquid biopsy - Emergence of a new era in personalized cancer care	4th World Congress On Cancer Research & Therapy.	13.08.2018 to 15.08.2018	Rome, Italy

LIST OF ORAL PAPERS/POSTERS PRESENTED

Name of Faculty Member: Dr. Eli Mohapatra

S. No.	Authors	Title of Presentation	Name of the Conference	Date	Organised by
1.	Dr. Eli Mohapatra	The prevalence of congenital Hypothyroidism and G6PD deficiency in infants of Chhattisgarh.	17th ICMR course in Medical Genetics & genetic counselling Pedigree to Genome	20.08.2018 to 01.09.2018	SGPGI Lucknow

Name of Faculty Member: Dr. Rachita Nanda

S. No.	Authors	Title of Presentation	Name of the Conference	Date	Organised by
1.	Dr. Rachita Nanda	'Urinary iodine status among hypothyroid and euthyroid pregnant women in the first trimester of pregnancy – an observational study'	45 th National Conference of ACBI	24.10.2018 to 27.10.2018	Kala Academy Goa
2.	Dr. Rachita Nanda	'Uncommon antinuclear antibody patterns and their clinical associations'	FOCiS Asian Advanced Course in Basic and Clinical Immunology	26.03.2019 to 29.03.2019	FOCiS, Jaipur Rajasthan

Name of Faculty Member: Dr. Suprava Patel

S. No.	Authors	Title of Presentation	Name of the Conference	Date	Organised by
1.	Dr. Suprava Patel	Laboratory evaluation for congenital hypothyroidism and G6PD deficiency in a tertiary care hospital	26 th AMBICON 2018 'Lab Physicians: Need of Clinicians'	15.11.2018 to 18.11.2018	Lady Hardinge Medical College New Delhi

RESEARCH

Funded Projects

Ongoing

Name of faculty member: Dr. Eli Mohapatra

S.No.	Title of the project	Name of Principal Investigator	Funding Agency	Duration (years)	Start year – End year	Total funds sanctioned (Rs.)
1.	Role of serum GGT and serum Ferritin in Metabolic syndrome	Dr. Eli Mohapatra	AllIMS, Raipur	1 year	2018-2019	1,33,024/-

Name of faculty member: Dr. Rachita Nanda

S. No.	Title of the Project	Name Principal Investigator	Funding Agency	Duration (years)	Start year- End year	Total funds sanctioned (Rs.)
1.	Association of Apolipoprotein A1 polymorphism (G-75A and C+83T) in patients with diabetic foot ulcers	Dr. Rachita Nanda	AllIMS, Raipur	1 year	2018 - 2019	5,00,000/-
2.	Reference interval of thyroid hormones in the first trimester of pregnancy)	Dr. Rachita Nanda	CGCoST	2 years	2017 - 2019	5,00,000/-

Name of faculty member: Dr. Suprava Patel

S.No.	Title of the project	Name of Principal Investigator	Funding Agency	Duration (years)	Start year – End year	Total funds sanctioned (Rs.)
1.	Prevalence of congenital hypothyroidism and G-6PD deficiency in newborns – pilot study in a tertiary hospital in Chhattisgarh	Dr. Suprava Patel	AllIMS, Raipur	3 years	2016- 2019	5,00,000/-

S.No.	Title of the project	Name of Principal Investigator	Funding Agency	Duration (years)	Start year – End year	Total funds sanctioned (Rs.)
2.	Prevalence of MTHFR polymorphism and its impact in patients of sickle cell disease and trait in Chhattisgarh – a pilot study	Dr. Suprava Patel	CGCoST, Raipur	2 years	2017-2019	5,00,000/-

Name of faculty member: Dr. Jessy Abraham

S. No.	Title of the Project	Name Principal Investigator	Funding Agency	Duration (years)	Start year- End year	Total funds sanctioned (Rs.)
1.	Evaluate plasma circulating tumor cells and DNA to monitor breast cancer therapy	Dr. Jessy Abraham	AIIMS Raipur (Intramural)	1 year	April 2018	5,00,000/-
2.	Assessment of Plasma Free DNA integrity as potential independent prognostic markers for head and neck squamous cell cancers	Dr. Jessy Abraham	CGCOST	2 years	June 2018	4,95,680/-

Departmental Projects (including thesis/dissertations)

Ongoing

S. No.	Title of the Project
1.	The impact of A1298C SNP in MTHFR gene on levels of Tetrahydrobiopterin and Nitric Oxide in patients with sickle cell disorders.
2.	Association between FTO A/T 9 (rs9939609) polymorphism and metabolic syndrome.
3.	The role of polymorphism of Apolipoprotein A-1 in determining the severity of Bronchial Asthma.

Collaborative Projects

Ongoing

S. No.	Title of the project	Collaborating department/institution
1.	ICMR-PCOS TASK FORCE STUDY: Evaluation of prevalence, regional phenotypic variation, co morbidities, risk factors and the variations in response to different therapeutic modalities among Indian women with polycystic ovary syndrome; A multicenter study across India	Department of OBS & Gyn AIIMS, Raipur, C.G
2.	Association of Hypothyroidism with obesity in patients with PCOS.	Department of OBS & Gyn AIIMS, Raipur, C.G
3.	Reference interval of thyroid hormones in the first trimester of pregnancy)	Department of Biochemistry, AIIMS, Raipur
4.	Prevalence of congenital hypothyroidism and G-6PD deficiency in newborns – pilot study in a tertiary hospital in Chhattisgarh	Department of Biochemistry AIIMS, Raipur C.G
5.	Estimation of Plasma interleukin – 33 level in Sickle Cell disease patients with Hip osteonecrosis	Department of Orthopaedics AIIMS Raipur C.G
6.	Association of Apolipoprotein A1 polymorphism (G-75A and C+83T) in patients with diabetic foot ulcers	Department of Biochemistry, AIIMS, Raipur C.G
7.	Serum 25 Dihydroxy Vitamin D3 Level estimation and insulin resistance in women of 18-40 years age group with Polycystic ovarian syndrome.	Department of OBS & Gyn AIIMS, Raipur, C.G
8.	Association of serum vitamin-D status with somatic and autonomic neuropathy in Prediabetics	Department of Physiology AIIMS, Raipur. C.G
9.	Therapeutic efficacy of a yoga on biochemical profile, anxiety and sleep quality index of asthmatics: a randomized controlled trail-Pilot Project	Department of Pulmonary Medicine AIIMS, Raipur. C.G
10.	Study of Emerging Biomarker of Renal injury in Acute Kidney injury in Term Neonates with perinatal asphyxia – A Nested Case Control Study	Department of Paediatrics, AIIMS Raipur
11.	Drug designing for anti-cancer drug/anti sickling drug	Co-supervisor for P.G students from Pandit Ravi Shankar Shukla University, Raipur

S. No.	Title of the project	Collaborating department/institution
12.	Correlation study of Endothelial Function & Biomarkers in Patients of Sickle Cell Anemia at Chhattisgarh	Department of Physiology, AIIMS, Raipur. C.G
13.	Estimation of plasma IL-33 level in sickle cell disease patients with hip osteonecrosis	Department of Orthopaedics, AIIMS, Raipur
14.	Soft bipolarity and peripheral biomarkers- Urinary C-Reactive protein, cortisol and Nitric oxide in patients with cannabis use disorder, their first degree relatives and healthy controls: A comparative study	Department of Psychiatry, AIIMS, Raipur
15.	To assess the role of inflammation in patients with unipolar depression: A Cross-sectional study	Department of Psychiatry, AIIMS, Raipur
16.	Study of interaction between platelet and human lymphatic filarial parasite with focus on eicosanoid metabolism and its pathophysiological implication	Department of Biochemistry, IMS, BHU & MGIMS, Sevagram.
17.	Elusive role of HDL-C in metabolic syndrome and impending CVD	Department of Biochemistry, MGIMS, Sevagram & Department of Community Medicine, AIIMS, Nagpur.
18.	Management of chronic non-healing ulcer by autologous stem cell and platelet-rich fibrin	Department of Biochemistry, Pt. J.N.M. Medical College, Raipur, Chhattisgarh.
19.	Testing of microdeletion of genes on Y chromosome in male partner of infertility cases	Department of Anatomy, AIIMS, Raipur
20.	Awareness about folic acid supplementation and folic acid status in pregnant women of Abhanpur block of Raipur district, C.G	Department of Community and Family Medicine, AIIMS, Raipur
21.	Evaluation of Amyloid Precursor Protein m-RNA expression in tissue and saliva of HNSCC patients	Department of Otolaryngology, Head & Neck Surgery, AIIMS-Raipur
22.	Study of Emerging Biomarker of Renal injury in Acute Kidney injury in Term Neonates with perinatal asphyxia – A Nested Case Control Study	Paediatrics, AIIMS Raipur

PUBLICATION

1. Yamini Thakur, Mamta Tripathi, Bharati Verma, Rubi Khilari, Rama Pande, **Eli Mohapatra** et al. New insight into the DNA binding studies, InVitro anti-cancer activity and molecular modelling of dioxo complexes of Molybdenum(VI) and Tungsten(VI) hydroxamic acids. Journal of Macromolecular Science, Part A Pure and Applied Chemistry.:
2. Yamini Thakur, Mamta Tripathi, Bharati Verma, Rubi Khilari, Rama Pande, **Eli Mohapatra** et al. Interaction of cobalt(II) and copper(II) hydroxamates with polyriboadenylic acid: An insight into RNA based drug designing. Nucleosides, Nucleotides and Nucleic Acids.
3. Neha Rani Verma • **Suprava Patel** • **Rachita Nanda** • **Eli Mohapatra**. Primary Antiphospholipid Syndrome Associated with Autoantibodies Against Golgi Bodies: A Case Report of a 32-Year-Old Female. Ind J ClinBiochem
4. **Goswami K**, GandheM. Evolution of metabolic syndrome and its biomarkers. Diabetes MetabSyndr. (2018); 12(6):1071-74.(PubMed)
5. Prasad BVS, Khatri V, Yadav PS, Chandra MS, Lakshmi DV, **Goswami K**. Trans R Soc Trop Med Hyg. (2019), 113(1):36-43. (PubMed)
6. Bhoj P, Togra N, Bahekar S, **Goswami K**, Chandak H, Patil M. Immunomodulatory activity of sulfonamide chalcone compounds in mice infected with filarial parasite, Brugiamalayi. Ind. J. Clin. Biochem. (2019), 34 (2): 225-229. (PubMed)
7. Bhaumik S, **Patel S**. Biochemical and clinical impact of reduced methylene tetrahydrofolate reductase enzyme activity. Pan J Med Sci, Sepy-Dec, 2018:8(3): pp1-4

PATIENT CARE

In patient care/supportive activities include information regarding: (a) facilities available in the department (including special clinics and/or special laboratory facilities) (b) community services/camps etc.

1. Clinical Biochemistry section, HLL, AIIMS, Raipur–Total Number of Tests= **4,51,361**
2. Service lab, Biochemistry –Total Number of Samples= **34,315**; Total Number of Tests= **1,47,724**.

Burns and Plastic Surgery

Assistant Professor

Dr. Jiten Kumar Mishra (head)
Dr. Shamendra Anand Sahu
(Joined on 14.08.2018)

HIGHLIGHTS

The Department is actively involved in reconstructive works in Head & Neck Onco reconstruction, trauma & reconstruction of defects after Orthopedic surgeries, Oculoplastic reconstruction, reconstruction of postsurgery defects created by General Surgery Department; Department is having special clinic for cleft lip & palate patients. Routinely performing brachial, Plexus injury surgeries, hand reconstruction & operating congenital hand anomalies, hand injury patients. Started aesthetic Surgeries like ear reconstruction, also like breast

reduction, gynaecomastia surgeries, post burn and post traumatic scar revision surgeries. Micro vascular reconstruction works like free flap surgeries, peripheral nerve surgeries, vascular injury repair surgeries are done on regular basis. Post thermal burn & electric burn defect reconstruction, post burn deformity correction amounts to approximately 1/4th of our surgical activity. Future aim is to establish advanced burn care unit for management of acute burn patients. To establish, micro vascular training lab, for teaching and training of residents.

EDUCATION

Teaching the junior & senior resident of the Department.

CMEs/WORKSHOP/SYMPOSIA/NATIONAL & INTERNATIONAL CONFERENCES

Name of Faculty Member: Dr. Jiten Kumar Mishra

1. Attended Workshop on Craniofacial surgery organized by AIIMS, Bhubaneswar in January 2019.
2. Attended and presented paper in state conference organized by Association of Plastic Reconstructive and Aesthetic Surgeons of Odisha at AIIMS, Bhubaneswar in January 2019.

LECTURES DELIVERED AT CMEs, NATIONAL & INTERNATIONAL CONFERENCES

Name of Faculty Member: Dr. Shamendra Anand Sahu

S. No.	Title of Talk	Name of the CME/Conference	Date	Organized by
1.	Gracilis Free Flap	Cadaveric Flap Dissection course	14.12.2018 & 15.12.2018	JPNATC AIIMS, New Delhi

LIST OF ORAL PAPER/POSTER PRESENTED

S. No.	Authors	Title of Presentation	Name of the Conference	Date	Organized by
1.	Mishra JK Sahu SA Shrimor P	Successful outcome of in Mod Quad procedure in old obstetric brachial	APRASO CON.2019	12.01.19	AIIMS, Bhubaneswar
2.	Mishra JK Sahu SA Shrimor P	Reconstruction of Scrotum with pedicled ALT Flap	APRASO CON.2019	13.01.19	AIIMS, Bhubaneswar

S. No.	Authors	Title of Presentation	Name of the Conference	Date	Organized by
3.	Bhushan S, Sahu SA , Singhal M, Srivastava A	Unusual case of congenital dermoid associated with cleft palate patient	APSICON 2018	22.11.18	Association of Plastic Surgeons of India, Lucknow
4.	Saha S, Singhal M, Sahu SA Chauhan S, Dave A, Goyal A, Sangwan A	FAVA: Misdiagnosis to diagnosis- Role of Interdisciplinary partnership	APSICON 2018	22.11.18	Association of Plastic Surgeons of India Lucknow

RESEARCH

Departmental Project (including thesis / dissertations)

Ongoing

S. No.	Title of the Project
1.	Enrolled for the project titled "Situational Analysis of Burns" headed by AIIMS New Delhi pending for clearance for institute ethical committee by AIIMS Raipur.

PUBLICATIONS

- Gupta D, Sharma U Chauhan S, **Sahu SA**. Improved outcomes of scar revision with the use of polydioxanone suture in comparison to polygalactin 910: A randomized controlled trail. J Plast Reconstr Aesthet Surg. 2018;71(8):1159-1163
- Sahu SA**, Goyal A, Marwah S, Dave A, Moumita De, Gupta D. Reply- management of vascular anomalies. Review of institutional management. Indian J Plast Surg 2018; 51:255-7.
- Gupta D, **Sahu SA**, Nalla R, Singhal M. Kimura's Disease: Presenting as a Giant Head and Neck Mass. IJOS.doi-10.1007/s12262-018-1821-5.
- Nanda D, **Sahu SA**, Karki D, Kumar S, Mandal A. Adipofascial perforator flap: its role in remonstration of soft tissue defect of lower leg and ankle. Indian jPlast Surg. 2018 may - Aug;51(2): 216-221.doi: 10.4103/ijps.IJPS_19_17. PubMed PMID:30505094; PubMed central PMCID: PMC6219370.
- Borkar NK, Padhi P, **Mishra JK**, **Sahu SA**, Mohanty D, Singh S. Necrotizing Fasciitis in Neonate and use of Allograft Journal of Neonatal Surgery.Vol 8, No. 1,2019.

PATIENT CARE

- Started Cleft lip & Cleft palate clinic on every Monday 2-4 pm dedicated to the management of patient with cleft lip and palate deformity.
- Started managing and operating patient of Brachial plexus injury and peripheral nerve surgeries for which patient were referred to center in other states.
- Started collaborative work with ENT team for reconstruction of complex defect of head & neck cancer patients.
- Started reconstruction works with other department like Orthopedics, General Surgery. CTVS for management of trauma patient for soft tissue and bony reconstruction & patient of vascular malformation.

Cardiology

Assistant Professor

Dr. Satyajit Singh

HIGHLIGHTS

The Department of Cardiology, AIIMS Raipur provided **9407 OPD consultations** in the year 2018 – 2019 (from 01.04.2018 to 31.03.2019). The Department of Cardiology started its own cardiac catheterization laboratory services from the 4th Floor, C – Block after the installation of Phillips FD10 cath lab in June 2018. Total number of cath lab procedures performed were **227 (197 coronary angiographies, 27 coronary angioplasties and stenting, 3 pericardiocentesis)**. The Department of Cardiology started its state of the art Non-invasive lab facility in B1 Block, ground floor of hospital building. **2559 echocardiographic studies,**

2 holter study and 2 tread mill testing were done. Since the inception of department, total number of echocardiography done are **4,694**. Total number of ECG done were 3287. The lone faculty member of cardiology department – Dr Satyajit Singh was conferred with **The Times of India-Icons of healthcare Award – 2019** for excellence in the field of cardiology and felicitated by honourable Chief Minister Mr Bhupesh Singh Baghel at a function held in Raipur. Dr. Satyajit Singh was selected as an **editorial associate for the prestigious Indian Heart Journal – the official publication of Cardiological Society of India in March 2018.**

EDUCATION

The department of cardiology delivered lectures for the final year MBBS students these lectures utilized multimedia presentations on the topics in cardiac sciences which are must to know. The department is engaged in providing case based

studies in theory lectures also so that students gain confidence in dealing with real life clinical scenarios. The concept of flipped classrooms and unconventional learning experiences were utilized.

LECTURES DELIVERED AT CMEs, NATIONAL & INTERNATIONAL CONFERENCES

Name of Faculty Member: Dr. Satyajit Singh

S. No.	Title of Talk	Name of the CME/Conference	Date	Organized by
1.	Atrial Fibrillation: What a physician should know	2 nd National Symposium on Ventricular Arrhythmias and Atrial Fibrillation - 2019	24.02.2019	Sathya Sai Sanjeevani Hospital Auditorium Naya Raipur

RESEARCH

Collaborative Projects

Ongoing

S. No.	Title of the Project	Collaborating Department/Institution
1.	Late Gadolinium Enhancement patterns of non-ischemic cardiomyopathies in 3 Tesla cardiac MRI	Department of Radiodiagnosis, AIIMS Raipur
2.	Assessment of coronary collaterals in the patients of CAD and its impact on LV function	Department of Anatomy, AIIMS Raipur

PATIENT CARE

1. The Department of Cardiology has 30 bedded Indoor facility in 3rd floor of B1 block of hospital building where patients of Myocardial Infarction, Heart Failure, Cardiomyopathies, arrhythmias, massive

pericardial effusion with or without cardiac tamponade, Rheumatic heart disease and other valvular heart disease patients are admitted and managed.

2. The Department has state of the art – Cardiac catheterization Lab in the 4th floor of C block of hospital building where coronary angiographies, angioplasty stenting, cath procedures, pericardiocentesis are being done.
3. The department of Cardiology has state of the art real-time 3D Echocardiography machine with Speckle track echocardiography and Myocardial tissue doppler Imaging (TDI).

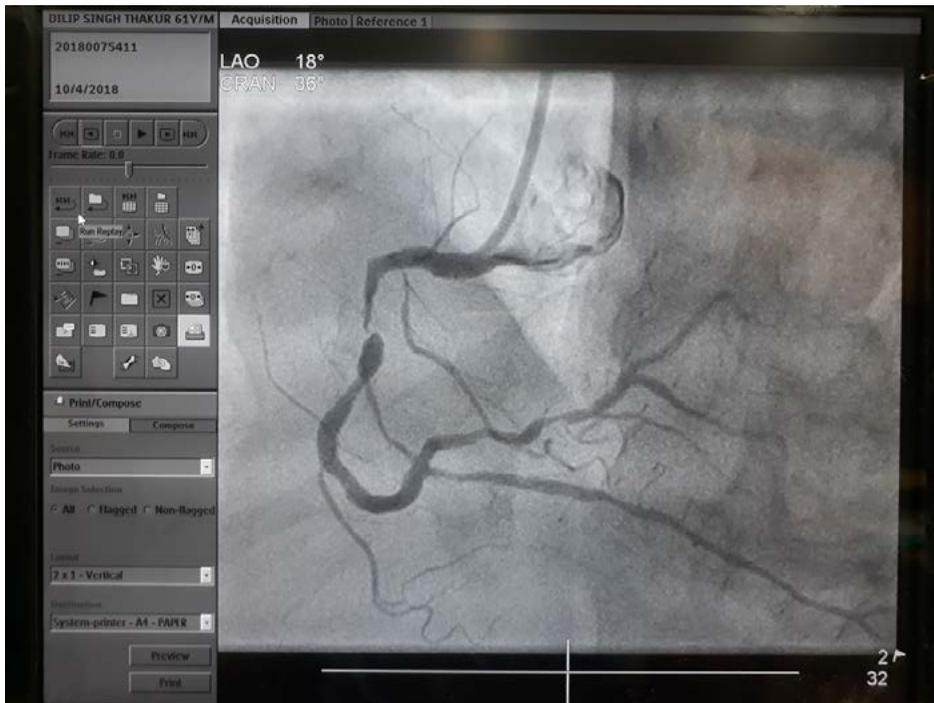
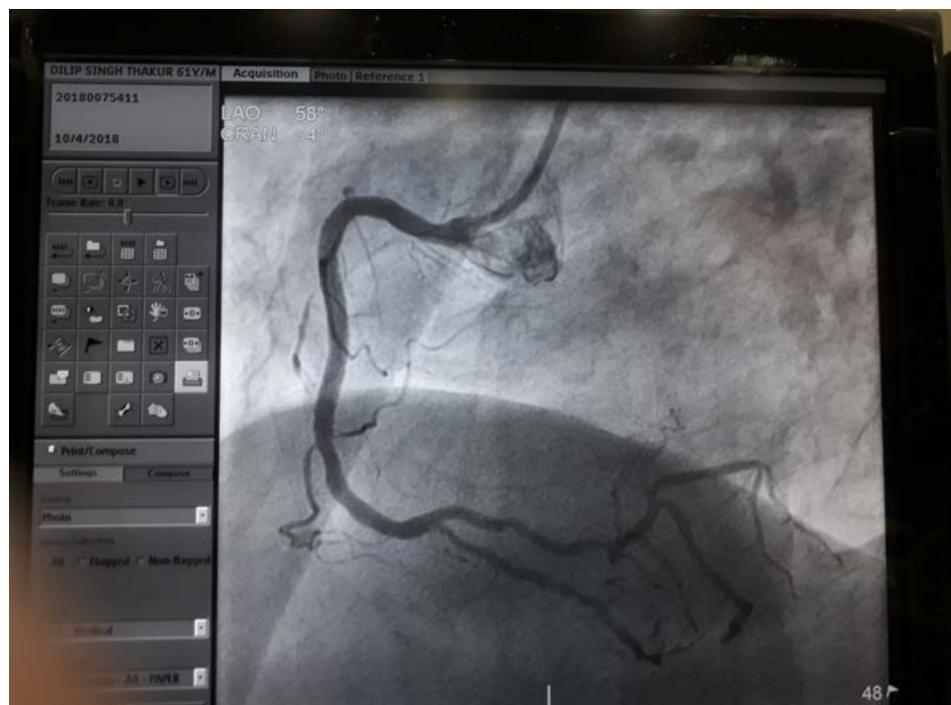


IMAGE 1: Coronary angiogram of a patient admitted with retrosternal chest discomfort showing critical stenosis in RCA (99% stenosis)

IMAGE 2: Final result after the Coronary Angioplasty +Stenting in the same patient with critical stenosis in RCA . (Case was done through Trans Radial Route in AIIMS Raipur Cath Lab by Dr. Satyajit Singh)





Inauguration of Cardiology Ward by Honorable Director – Prof. (Dr.) Nitin M Nagarkar.

Bedded High Dependency Unit was started in the Department of Cardiology in the month of November, 2018.

AWARDS, HONOURS AND SIGNIFICANT EVENTS

1. **Dr. Satyajit Singh** was conferred with the prestigious The TIMES OF INDIA – ICONS OF HEALTHCARE AWARD 2019, Chattisgarh in February 2019 and felicitated by the honorable Chief Minister of Chattisgarh - Mr Bhupesh Singh Baghel.
2. **Dr. Satyajit Singh** was appointed as Editorial Associate of the prestigious Indian Heart Journal (Elsiever’s Publications) – official journal of Cardiological Society of India.

Cardiothoracic and Vascular Surgery

Associate Professor

Dr. Nitin Kumar Kashyap

HIGHLIGHTS

Department of Cardiovascular and Thoracic Surgery is providing OPD, IPD as well as 24x7 days emergency services. We are performing all adult cardiac surgeries (like Valve replacement, Tetralogy of fallot, Acynotic congenital heart disease, Aortic root enlargement, Coronary artery bypass grafting), Thoracic and Vascular surgeries (like Decortication, Lung resections, chest wall and lung tumour resection aneurysmal repair, bypass grafting,

AV fistula construction, emergency embolectomy). We are also providing special emergency services for particularly Thoracic and Vascular trauma cases. Department is soon starting with minimal invasive cardio-thoracic surgeries, RFA ablation procedures. We have dedicated 4 bedded fully equipped step-down ICU with 25 bedded CTVS ward as well as one isolation room facility for patient. We will have fully dedicated high end CTVS ICU facility soon.

EDUCATION

Workshop organized in association with BD for patient and health care safety in AIIMS Raipur.

LECTURES DELIVERED AT CMEs, NATIONAL & INTERNATIONAL CONFERENCES

Name of Faculty Member: Dr. Nitin Kumar Kashyap

S. No.	Title of Talk	Name of the CME	Date	Organized by
1.	Role of Echocardiography in emergency	Heart failure update	28.10.2018	NHMMI Raipur
2.	Mitral valve repair versus replacement	Mitral valve repair Workshop	16.12.2018	Ramkrishna care hospital, Raipur
3.	Peripheral Vascular Disease –its Management	Vascular update 2019	13.01.2019	Ramkrishna care hospital, Raipur

RESEARCH

Completed

S. No.	Title of the Project (QI project)
1.	To reduce the rate of superficial thrombophlebitis from grade-3 and grade-4 in admitted of AIIMS, Raipur

Collaborative Projects

Ongoing

S. No.	Title of the Project	Collaborating Department/Institution
1.	Assessment of percentage body fat by using ultrasound techniques in adult Indian Males	In collaboration with Department of physiology as co-investigator

PUBLICATIONS

Surgical aspect of autologous arterio-venous fistula for dialysis access”, Accepted for publication in open journal of Cardio Vascular Surgery (PubMed Indexed) 2019.

Community & Family Medicine

Professor and Head

Dr. Manisha Ruikar

Additional Professor

Dr. Abhiruchi Galhotra

Dr. Gouri Kumari Padhy

Associate Professor

Dr. Anjali Pal

Dr. Anjan Kumar Giri

Assistant Professor

Dr. Arvind Kumar Shukla

(Joined on 19.06.2018)

HIGHLIGHTS

CFM Department has adopted ward no. 18 and 19 of Raipur city as its Urban Field Practice Area and has established Urban Health Training Centre (UHTC) at Community Hall, Bhavani Nagar, Raipur to provide free health services to residents of these two wards. This UHTC of AIIMS Raipur started its functioning on 01.08.2018.

Memorandum of Understanding (MoU) for establishing Rural Health Training Centre (RHTC) of AIIMS Raipur at Kurud was signed by Smt. Niharika Barik Singh, Health Secretary, Government of Chhattisgarh and Prof. (Dr.) Nitin M. Nagarkar, Director, AIIMS Raipur on 24.09.2018.

Rural Health Training Centre of AIIMS Raipur at Kurud was inaugurated on 03.10.2018 at the hands of former Health Minister, Chhattisgarh in the presence of the Director, AIIMS Raipur, DDA and entire Team of CFM.

To observe Theme of the World Health Day 2018 'Universal Health Coverage: Everyone, Everywhere' ; known patients of Hypertension and Diabetes Mellitus from Urban Field Practice Area were brought to AIIMS Raipur Hospital for check-up and were followed up subsequently for Pharmacological and non- Pharmacological compliance. Interns posted in CFM were tied up one each with these patients with an objective of adopting that patient for 3 months during posting of intern so as to achieve medicine compliance as well as lifestyle modification.

Under Anemia Mukht Bharat, conducted Test and Treat camps in anganwadi centres as well as Behaviour Change Communication (BCC) activities in various schools at Urban and Rural Field Practice Areas of AIIMS, Raipur in the month of September 2018 to observe Poshan Maah. Total 2628 beneficiaries were screened in these camps, out of which 1314 (50%) were found to be anemic. Total 2133 school children enthusiastically participated in highly interactive BCC activities.

Performed Nukkad Natak on the Theme 'HIV - know your status' at three different locations in Urban Field Practice Area of AIIMS Raipur to observe World AIDS Day on 01.12.2018.

Under Mortality in India Established through Verbal Autopsy (MINErVA) Network, Verbal Autopsy training was imparted to all SRS Supervisors of Chhattisgarh at Directorate of Census Office (DCO) Raipur on 29.01.2019 & 30.01.2019.

Conducted Screening camp during 25.03.2019 to 27.03.2019 at Urban Health Training Centre of AIIMS Raipur to observe World TB Day.

Carried out extensive sanitation drive in AIIMS campus, nearby locality and Urban and Rural Field Practice Areas of AIIMS Raipur to observe Swachhta Pakhwada during 1.04.2018 to 15.04.2018 as well as 15.09.2018 to 02.10.2018.

EDUCATION

Different participatory methods of teaching like role play, group discussion, preparation of health educative material, group health educative activity for slum dwellers, quiz, seminar etc. are used for undergraduate teaching.

Faculty Development

All faculty members consistently update their academic knowledge by participating in various academic proceedings (like Elderly Care under National Programme for Health Care of the Elderly, Exploring inequities amongst Particularly Vulnerable Tribal Groups, Epidemiology of NCD, Suicide Prevention, Data Analysis using statistical software for health and demographic research, Infection Control Practices, Pulmonary Medicine Update, Patient safety and Quality, NPCDCS update, RNTCP update, Swine Flu Update etc.), by undergoing different academic online courses and by being a reviewer of journals.

CMEs/Workshops/Symposia/National and International Conferences Organised by the Department

Name of the event	Date	Organised by
Verbal Autopsy Training of all SRS Supervisors of Chhattisgarh under Mortality in India Established through Verbal Autopsy (MINerVA) Network	29.01.2019 and 30.01.2019	AIIMS Raipur

Lectures delivered at CMEs, National and International conferences

Name of faculty member: Dr. Manisha Ruikar

Sr. No.	Title of talk	Name of the CME/conference	Date	Organised by
1.	Swine Flu Vaccine: Myths and Facts	CME on 'Recent Updates on Swine Flu'	31.03.2019	AIIMS Raipur

Name of faculty member: Dr. Abhiruchi Galhotra

Sr. No.	Title of talk	Name of the CME/conference	Date	Organised by
1.	Demography & Ageing	Training of Medical Officers on Geriatric Health Care and Management	17.01.2019	State NCD Cell Raipur

Name of faculty member: Dr. Anjan Kumar Giri

Sr. No.	Title of talk	Name of the CME/conference	Date	Organised by
1.	Public Health Implications of Premature Death	Workshop on 'Suicide Prevention' under National Mental Health Programme	26.07.2018	C.G Govt., WHO & G.O.I, Raipur
2.	TB in India: Current Status	CME on World TB day	28.03.2019	AIIMS Raipur

List of oral papers presented

Sr. No.	Authors	Title of presentation	Name of the conference	Date	Organised by
1.	Singh Sunita, Pal A	Effectiveness of Breast Cancer awareness program in changing knowledge, attitude and practices among educated women in Raipur	5 th International Conference on Gynaecology & Obstetrics	08.10.2018 to 10.10.2018	conference series.com Zurich

Sr. No.	Authors	Title of presentation	Name of the conference	Date	Organised by
2.	Mohan kumar M, Manisha Ruikar	Technology driven integration of occupational health services into primary health care settings	4 th International Conference on Occupational and Environmental Health	16.02.2019	Lady Hardinge Medical College, New Delhi
3.	Mohan kumar M, Manisha Ruikar	Solving the 'Last Mile' Problem in Tribal Healthcare	46 th National IAPSM Conference	09.03.2019	IGMC, Shimla

RESEARCH

Funded Projects

Ongoing

Sr. No.	Title	Name of PI	Funded by	Duration	Start year-End year	Fund
1.	MINERVA (Mortality in India Established through Verbal Autopsies) Network – A Joint Initiative of Registrar General of India and AIIMS, New Delhi.	Professor Dr. Manisha Ruikar	Government of India	Indefinite	Start year -2018	1,21,800/- (first release of fund) Activity based long term release of funds for years to come
2.	Effect of lemon juice in reducing blood sugar of pre-diabetes and diabetes patients: A community based pragmatic randomized trial	Dr. Gouri Kumari Padhy	AIIMS Raipur	1 Year	2019 to 2020	5,00,000/-
3.	Awareness about folic acid supplementation and folic acid status in pregnant women of Abhanpur block of Raipur District C.G.	Dr Anjali Pal	AIIMS Raipur	1 Year	Started in Nov-ember 2018	5,00,000/-

Departmental Projects (Including thesis/dissertations)

Ongoing

Sr. No.	Title of the Project
1.	Prevalence and determinants of depression among elderly in an urban slum of Raipur city- A community based cross sectional study

Sr. No.	Title of the Project
2.	Smartphone usage prevalence, patterns and proneness for dependence among secondary and higher secondary school going adolescents in Raipur city
3.	Situational Analysis of Water, Sanitation and Hygiene in Health Care Facilities (HCFs) of Raipur District (CG)
4.	Situational analysis of WASH facilities related to MCH services in Raipur district- Ongoing Intramural Non funded
5.	Health problems of people residing in slums near Railway Tracks in Raipur City-Ongoing Intramural Non funded

Completed

Sr. No.	Title of the Project
1.	A Study on Utilization of Sanitation Facilities among Adolescent girls in an Urban Slum of Raipur City

Collaborative projects

Ongoing

Sr. No.	Title of the project	Collaborating Department/ Institution
1.	ICMR Multicentre National Task Force Project on Prevalence & Etiology of Hearing Impairment (Co-investigator from CFM Department)	Principal Investigator from ENT Department of AIIMS Raipur
2.	Correlation study of endothelial function and Biomarkers in patients of Sickle Cell Anemia at Chhattisgarh (Co-investigator from CFM Department)	Principal Investigator from Physiology Department of AIIMS Raipur
3.	Establishment of reference range for peripheral blood lymphocyte subsets by immunophenotyping in children from Chhattisgarh (Co-investigator from CFM Department)	Principal Investigator from Pathology Department of AIIMS Raipur

PUBLICATIONS

Sr. No.	Author (s) of Chapter	Chapter Title	Name of the Editor	Name of the Book	Edition	Publisher	Year of Publication	First page- Last page
1.	Galhotra A, Mishra A	Neglected Tropical Diseases- A Biosocial Perspective.	PP Singh	Infectious Diseases and your Health	1 st	Springer Nature	2018	https://doi.org/10.1007/978-981-13-1577-0

Papers published in journals

1. Reshmi RS., Kansom Dinachandra, Arti Bhanot, Sayeed Unisa, Gopinath T. Menon, Neeraj Agrawal, Vikas Bhatia, **Manisha Ruikar**. Context for layering women's nutrition interventions on a large scale poverty alleviation program: Evidence from three eastern Indian states. PLoS ONE 2019; 14(1): e0210836.
2. Aparajita Chattopadhyay, Vani Sethi, Varsha P. Nagargoje, Abhishek Saraswat, Nikita Surani, Neeraj Agarwal Vikas Bhatia, **Manisha Ruikar**. WASH practices and its association with nutritional status of adolescent girls in poverty pockets of eastern India. BMC Women's Health 2019; 19: 89.
3. Mishra A, **Galhotra A**. Mental Health Care Act 2017-Need to Wait and Watch. Int J App Basic Med Research 2018; 8: 67-70.
4. Roja VR, **Galhotra A**, Rajan AV, Malarout N, Pateria S, Kamath R. Health status of under five children living in Urban Slums. Indian J of Public Health Research & Development, October 2018: 9(10): 195-201.
5. PT Jonathan, Thakur H, **Galhotra A**, Galhotra V, Gupta N. Maxillary labial frenum morphology and midline diastema among 3 to 12 year old school going children in Sri Ganganagar city: A cross sectional study. J of Indian Society of Pedodontics and Preventive Dentistry 2018; 36: 234-9.
6. Sahu P, **Galhotra A**, Nakshatram YVM. Need for Structured Early detection and Identification Program for Hearing Impairment. Chikitsak October 2018; 3(4); 2-7.
7. Raj Utsav, Kumar Puneet, **Galhotra A**. Microplastics- All we know till now and the way forwards. Indian J of Community & Family Medicine 2018; 4(2): 19-21.
8. Raj U, **Galhotra A**, Roja VR. A study of utilization of sanitary facilities by adolescent girls in an Urban Slum of Central India. J Family Med Prim Care 2019; 8: 1396-400.
9. Singh S, **Pal A**, Shrivastava N, Thakur P. Level of Awareness and practices of women regarding Breast Cancer in Chhattisgarh, India: an Institution based survey. Int Journal of Med Public Health 2018; 8(4): 145-151.
10. Giri AK, Behera S, **Galhotra A**. Concept of primary eye care and school health in India. Indian J of Community & Family Medicine 2018; 4(2); 55-59.
11. Singh LK, **Giri AK**, Rao GN, Gururaj G, Varghese M, Chand P, Satyanarayana VA, D Muralidhar. National Mental Health Survey of India, 2015-16, State Report: Chhattisgarh, AIIMS Raipur, Chhattisgarh; 2018
12. Pradeep BS, Gururaj G, Varghese M, Benegal V, Rao GN, Sukumar GM, **Giri AK**. National Mental Health Survey of India 2016 - Rationale, design and methods. PLoS ONE 2018; 13(10): e0205096.
13. S. Behera, **A.K Giri**, I. Rath, P. Nanda. Post operative complications in the management of traumatic cataract in a tertiary care hospital of Odisha. Int J Advanced Research and Review 2019; 4(1):21-28.
14. S Chattopadhyay, **AK Shukla**, S Matta, N Sethi, N Rani. An Awareness survey on safe sexual practice among first year medical students. Indian Journal of Public Health Research & Development 2018; 9 (6): 61-67.
15. Pawan Parashar, Kiran Garg, Sameer Chattopadhyay, **Arvind K. Shukla**, Sartaj Ahmad. Effects of socio-demographic factors on prelacteal feeding practices among lactating mothers in Meerut City. Indian Journal of Public Health Research & Development 2018; 9 (7): 122-127.
16. S Chattopadhyay, SK Singh, **AK Shukla**. Prevalence of stress in young urban population in a City of Northern India. Indian Journal of Public Health Research & Development 2018; 9 (7): 117-121.
17. B Pant, **AK Shukla**, S Ahmad, S Mattas. Social correlates of tobacco consumption among the medical students in Meerut. Indian Journal of Public Health Research & Development 2018; 9 (8):107-111.

18. **Arvind K. Shukla**, RC Yadava, AK Tiwari. Measuring son preference through number of children born. *Demography India* 2018; 47(2): 67-82.
19. R Ranjan, P Parashar, V Chaudhary, **A Shukla**. Knowledge regarding bio-medical waste management among healthcare workers of tertiary care hospitals of Meerut, UP. *International Journal of Contemporary Medicine* 2018; 6(2): 71-74.
20. A Davey, P Sharma, S Davey, **A Shukla**. Is work-associated stress converted into psychological distress among the staff nurses: A hospital-based study. *Journal of Family Medicine and Primary Care* 2019; 8 (2): 511-516.
21. S Mattas, B Pant, S Sharma, **A Shukla**. Utilisation of Janani Suraksha Yojana among women in Urban and Rural Areas of Western Uttar Pradesh. *Indian Journal of Public Health Research & Development* 2019; 10 (2): 30-35.

PATIENT CARE

CFM Department daily runs Immunization Clinic, Maternal & Child Health Clinic, Lifestyle Modification Clinic and Yellow Fever Vaccination Centre of AIIMS Raipur on every working Wednesday.

During 1.04.2018 to 31.03.2019, total 6489 under fives and 395 travellers were vaccinated. Newly admitted Medical and Nursing students (total 597 doses given) as well as health care workers (total 418 doses given) of AIIMS Raipur were vaccinated against Hepatitis B.

During MR campaign carried out from 6.10.2018 to 27.12.2018 at Immunization Clinic, 982 beneficiaries were vaccinated. Also 170 under fives were benefitted due to Pulse Polio on 10.03.2019.

Urban Health Training Centre of AIIMS Raipur located at Community Hall, Bhavani Nagar, Raipur; started its functioning on 1.08.2018. Special Clinics, ANC and NCD started on 1.02.2019. Total OPD attendance till 31.03.2019 was 3150.

AWARDS, HONOURS AND SIGNIFICANT EVENTS

SIGNIFICANT EVENTS

Rashtriya Poshan Maah 2018 observed under Anemia Mukh Bharat:

Under the purview of observing Rashtriya Poshan Maah the Union Ministry of Health and Family Welfare had requested the National Centre of Excellence and Advanced Research on Anemia Control (NCEAR-A) at Centre for Community Medicine AIIMS, New Delhi to plan and implement Test & Treat Camps and Behaviour Change Communication (BCC) activities under Anemia Mukh Bharat strategy. These activities were to be conducted at Field Practice Areas of all AIIMS with support from respective State Health Mission in the month of September 2018.

Accordingly CFM Department conducted Test and Treat camps in all Anganwadi Centres at Urban and Rural Field Practice Areas of AIIMS, Raipur. The beneficiaries were under five children, pregnant & lactating mothers and all other females aged 15 years & above. Haemoglobin (Hb) level was

estimated using HemoCue Haemoglobinometer and Iron Folic Acid tablets were given according to Hb level and age. Total 2628 beneficiaries were screened in these camps, out of which 1314 (50%) were found to be anemic.

BCC activities were conducted in three sessions at various schools in Urban and Rural Field Practice Areas of AIIMS, Raipur. In first session, using power point presentation students were taught about causes of Iron Deficiency Anemia, its symptoms & signs, and proper dietary modification to prevent the same. In second session, students were told about iron rich foods using the diet charts. Third was the concluding question-answer session clearing student's doubts regarding Iron Deficiency Anemia. Total 2133 school children enthusiastically participated in these highly interactive BCC activities.

Verbal Autopsy Training of SRS Supervisors under MINErVA:

The Office of Registrar General of India (ORGI) has signed MoU with AIIMS, New Delhi in March 2017 to establish a reliable system to measure Causes of Deaths in India. AIIMS Technical Support Unit (ATSU) is a resource unit at AIIMS New Delhi to provide any kind of technical assistance to RGI's Office in conduct of the Verbal Autopsy (VA) based Cause of Death Ascertainment under the Sample Registration System (SRS). ATSU has identified and established a network with institutions and individuals for physician coding of death based on the VA carried out by SRS staff.

AIIMS Raipur is the identified partner Institution for the state of Chhattisgarh. The faculties and residents of the CFM Department, AIIMS Raipur are involved in this Mortality in India Established through Verbal Autopsy (MINErVA) Network for

coding the cause of death. The department was entrusted with the responsibility of imparting 2 days modular training on Verbal Autopsy to all SRS supervisors of Chhattisgarh working under Directorate of Census Operations (DCO), Raipur. Accordingly, the training was conducted on 29.01.2019 and 30.01.2019 at training hall of the DCO, New Rajendra Nagar, Raipur.

Professor Dr. Manisha Ruikar and Dr. Anjan Kumar Giri imparted the training. On the second day of training all the trainees were taken to a rural SRS unit (Bendri village in Abhanpur block) and urban SRS unit (Chhattisgarh Nagar, Raipur) for field demonstration of VA. Voluntary and active participation of Mr. Sisu Kumar, Joint Director, DCO Raipur throughout the training deserves a special mention.



Figure 1: AIIMS Raipur team at urban health training center.



Figure 2: CFM Team at inauguration of test and treat campus in Urban field practice area.



Figure 3: MoU for RHTC signed by Smt. Niharika Barik Singh, Health Secretary, Chhattisgarh and Prof. (Dr.) Nitin M. Nagarkar, Director AIIMS Raipur.



Figure 4: Nukkad Natak in the Urban field practice area on Worlds AIDS Day 2018



Figure 5: Verbal Autopsy training of SRS supervisors conducted by CFM.

DENTISTRY

Associate Professors

Dr. Nakul Uppal
Dr. Santhosh Rao
Dr. Manish Jagdish Raghani

HIGHLIGHTS

Department of Dental Surgery runs three dental chairs at present from temporary premises in Ayush block to offer daily outpatient oral care services. Maxillofacial surgical treatment requirements of inpatients as well as referrals for oral-dental-maxillofacial complaints in admitted patients are attended to.

Dentistry department won the Hand Hygiene award in June 2018 and December 2018 for maximum compliance with infection control among Procedure Rooms.

The department is designing newly constructed premises to expand treatment capacity.

EDUCATION

Training to M.D.S. Oral and Maxillofacial Surgery candidates is being done with an intake of one Academic Resident every six months.

Topics in dentistry of relevance to medical students are taught through limited theoretical lectures and brief clinical postings.

LECTURES DELIVERED AT CMEs, NATIONAL & INTERNATIONAL CONFERENCES

Name of Faculty Member: Dr. Nakul Uppal

S. No.	Title of talk	Name of the CME/Conference	Date	Organized by
1.	A protocol to reduce surgical errors: lessons from other professions	4 th International Craniofacial and Dental Summit	11.12.2018 -15.12.2018	Craniofacial reaserch foundation, Sri Lanka Kandy

Name of Faculty Member: Dr. Santhosh Rao

S. No.	Title of talk	Name of the CME/Conference	Date	Organized by
1.	Split, repositioning and fixation of Osteotomised Mandible	2nd Joint meeting of NAOMS and AOMSI and 22nd Midterm conference & 8th PG convention of AOMSI	26.04.2018 to 28.04.2018	AOMSI, Kathmandu Nepal
2.	Treatment of isolated Lefort type fractures, buttress stabilization Management of Pediatric Maxillofacial Injuries	AO-CMF Seminar: Principles of Maxillofacial Trauma	30.11.2018 - 01.12.2018	AIIMS Rishikesh
3.	Methods of IMF	As course faculty in the preconference course "Principles in Maxillofacial Trauma Fixation" of 1 st Indo- Japan OMS Conference and 43 rd Annual AOMSI Conference	10.10.2018	Tagore Dental College Chennai

Name of Faculty Member: Dr. Manish Raghani

S. No.	Title of talk	Name of the CME/Conference	Date	Organized by
1.	Unconventional Access to Massive Ossifying fibroma of Maxilla	43rd Annual National Conference of Association of Oral & Maxillofacial Surgeons of India	12.10.2018	AOMSI, Chennai
2.	Demystifying Cysts of Orofacial Region	Chhattisgarh State Dental Conference of Indian Dental Association	28.10.2018	C.G Chapter IDA, Raipur

LIST OF ORAL PAPERS/POSTERS PRESENTED

S. No.	Authors	Title of Presentation	Name of the Conference	Date	Organized by
1.	Dr. Santhosh Rao	Total Joint Reconstruction and Concomitant Orthognathic surgery in TMJ Ankylosis: A pilot study	1 st Indo- Japan OMS Conference and 43 rd Annual AOMSI Conference	11.10.2018	AOMSI, Chennai
2.	Dr. Santhosh Rao	“Cosmetic Dentistry: Beyond the Tooth through a surgeon’s eyes “	Chhattisgarh State IDA conference.	26.10.2018 -28.10.2018.	C.G Chapter IDA, Raipur

RESEARCH

Funded Projects

Ongoing

S. No.	Title of the Project	Name Principal Investigator	Funding Agency	Duration (years)	Start year- End year	Total funds sanctioned (Rs.)
1.	Evaluate the functional, esthetic and quality of life outcome in patient with Temporomandibular joint Ankylosis undergoing Concomitant Orthognathic surgery with Joint Reconstruction using vascularized second metatarsal graft: A Pilot Study	Dr. Santhosh Rao	AIMS Raipur Intra Mural	01 Year	Feb 2019 – Feb 2020	5,00,000/-
2.	Functional and Radiological results of open and closed treatment of intracapsular (diacpitular) mandibular condylar head and/or neck fractures	Dr. Manish J. Raghani	Intramural	1 year	2018-2019	2,00,000/-

Departmental Projects (including thesis/dissertations)

Ongoing

S. No.	Title of the Project
1.	Comparison of hybrid arch bar versus conventional arch bar for temporary maxillomandibular fixation during treatment of jaw fractures: a prospective, comparative, observational study
2.	Radionuclide bone scan in evaluation of temporomandibular joints

Collaborative Projects

S. No.	Title of the Project	Collaborating Department/Institution
1.	Radionuclide bone scan in evaluation of temporomandibular joints	Dentistry-Maxillofacial Surgery; Nuclear Medicine
2.	Study of sexual dimorphism in Mandibular canines using mandibular canine index in patients attending Dental OPD at AIIMS Raipur	Department of Forensic Medicine and Toxicology AIIMS Raipur.

PUBLICATIONS

1. **Uppal N**, Shikha D. Deaths of neonates in Gorakhpur hospital: Do we wait for another healthcare tragedy or shall we learn some lessons? Natl Med J India 2018;31(2):105-107.
2. **Uppal N**. A Culture of Safety: Read Beyond Academic Textbooks and Specialty Journals to Imbibe Best Practices of Other Professions. J Maxillofac Oral Surg 2019;18(2):161-163.
3. **Uppal N**. Mandibular physiotherapy for trauma to the temporomandibular joint. The Indian Journal of Pediatrics 2019;86(3):222-223.
4. **Uppal N**, Janghel Y. Protocol for hospital management of dental patients with sickle cell disease. Oral Surgery 2018; 11:90-91.
5. **Uppal N**, Kumar M. Painless palatal local anesthetic injection: A low-cost, effective technique. Saudi J Anaesth 2018;12(1):151-2.
6. Rao S, **Rao S**. Glossopharyngeal Nerve Block: The Premolar Approach. Craniomaxillofac Trauma Reconstr. 2018 Dec;11(4):331-332. PubMed PMID: 30574279
7. **Rao S**, Pandey S, Kumar Y, Rao S. Bifurcation of external jugular vein: an anatomical variation during neck dissection. Oral Maxillofac Surg. 2018 Dec;22(4):475-476.
8. Rao S, **Rao S**, Vivekanandan G. Sling Suspension in Coronal Flap Closure - A Technical Note. International Journal of Innovations in Dental Sciences. 2018 June; 3(2):178-23
9. Raghani N, **Raghani MJ**, Rao S, **Rao S**. Hemangiopericytoma/solitary fibrous tumor of the buccal mucosa. Ann Maxillofac Surg 2018; 8:151-3.
10. **Raghani MJ**, B Pappachan, Raghani N, Use of Two Lag Screws for ORIF of Mandibular Condylar Sagittal Split fracture: An Anti-rotational Concept - A Prospective Clinical Trial, J. Maxillofac, Oral Surg. 2019;1-6.

PATIENT CARE

The department offers a range of most outpatient dental treatment services. Most maxillofacial surgery treatment options are offered.

AWARDS, HONOURS AND SIGNIFICANT EVENTS

- **Dr. Santhosh Rao** was Organizing - Scientific Co-Chairman of the Chattisgarh State IDA conference, Raipur and Organizing Co-Chairman for the 23rd National Midterm conference of AOMSI, Raipur.
- **Dr. Manish J. Raghani** was Organising Secretary of 23rd National Midterm conference of AOMSI, Raipur.

DERMATOLOGY

Associate Professor

Dr. Satyaki Ganguly

Assistant Professors

Dr. Namrata Chhabra

Dr. Neel Prabha

(Joined on 11.05.2018)

HIGHLIGHTS

We have started contact dermatitis special clinic with facility for patch testing. We have also started a dermatology high dependency unit with 4 beds in the 2B4 ward. An undergraduate student was

awarded ICMR-STS project under the department of dermatology this year. We also organized patient education initiatives on occasions of world skin health day, world psoriasis day and world vitiligo day.

EDUCATION

- Undergraduate lectures- Introduction of photo quiz
- Dermatopathology joint meet with the department of pathology monthly

LECTURES DELIVERED AT CMEs, NATIONAL & INTERNATIONAL CONFERENCES

Name of Faculty Member: Dr. Satyaki Ganguly

S. No.	Title of talk	Name of the CME/ conference	Date	Organized by
1.	'Extensive warts, subungual warts, plantar warts- therapeutic approach'	CUTICON- Chhattisgarh 2018	02.12.2018	IADVL, Bilaspur
2.	'Atopic dermatitis- a challenge'	Allergy and Childhood Asthma	16.02.2019	AIIMS Raipur

LIST OF ORAL PAPERS/POSTERS PRESENTED

Name of Faculty Member: Dr. Namrata Chhabra Sharma

LECTURES DELIVERED AT CMEs, NATIONAL & INTERNATIONAL CONFERENCES

S. No.	Title of Talk	Name of the CME/ conference	Date	Organized by
1.	"Shedding new light on Dark eye circle"	CUTICON- Chhattisgarh 2018	02.12.2018	IADVL Bilaspur Chhattisgarh

LIST OF ORAL PAPERS/POSTERS PRESENTED

S. No.	Authors	Title of Presentation	Name of the Conference	Date	Organized by
1.	Ganguly S, Ray L, Kuruvila S, Nanda SK, Ravichandran K	Lipid indices in psoriasis: are those useful for cardiovascular risk assessment?	MID DERMACON 2018	10.08.2018 to 12.08.2018	IADVL, Nagercoil, Tamil Nadu

S. No.	Authors	Title of Presentation	Name of the Conference	Date	Organized by
2.	Prabha N	“Audiological and ocular abnormalities in vitiligo patients: A cross sectional study”	CUTICON 2019 Punjab, Chandigarh and Himachal Pradesh	6.10.18 to 7.10.18	IADVL Punjab - H.P Dharamshala
3.	Prabha N	“Rhinosporidiosis with dissemination to skin: an uncommon presentation”	CUTICON 2019 Punjab, Chandigarh and Himachal Pradesh	6.10.18 to 7.10.18	IADVL Punjab - H.P Dharamshala
4.	Khare S	‘Sporotrichoid presentation of lupus vulgaris mimicking mycetoma.’	DERMACON INTERNATIONAL 2019	17.01.19 to 20.01.2019	Clarks Exotica Convention centre Bengaluru

RESEARCH

Funded Projects

Ongoing

S. No.	Title of the Project	Name Principal Investigator	Funding Agency	Duration (years)	Start year- End year	Total funds sanctioned (Rs.)
1.	A cross sectional study on dermoscopic evaluation of periorbital hyperpigmentation	Dr. Namrata Chhabra Sharma	Intramural	1 year	2018-2019	5,00,000/-

Departmental Projects (including thesis/dissertations)

Ongoing

S. No.	Title of the Project
1.	Association between intestinal parasitic co-infection and leprosy: a cross-sectional study
2.	A study of facial contact dermatitis using patch test with Indian standard and cosmetic series
3.	Dapsone induced haemolytic anaemia in leprosy patients; a pilot study in an endemic area
4.	Audiological evaluation of leprosy patients in an endemic area of central India: A case- control pilotstudy

Completed

S. No.	Title of the Project
1.	Knowledge, attitude and practice regarding topical steroids in dermatology outpatients: experience from Central India

S. No.	Title of the Project
2.	Disability grading of hands and feet among leprosy patients in an endemic area of central India-A pilot study

Collaborative Projects

Ongoing

S. No.	Title of the Project	Collaborating Department/Institution
1.	“A cross sectional study for detection of Mycobacterium leprae using PCR in slit skin smear of Clinically diagnosed leprosy patient and their close contacts”.	Dept. of Microbiology
2.	Spectrum of dermatophytic infections & drug susceptibility pattern of isolates from patients of AIIMS, Raipur Spectrum of dermatophytic infections & drug susceptibility pattern of isolates from patients of AIIMS, Raipur Spectrum of dermatophytic infections & drug susceptibility pattern of isolates from patients of AIIMS, Raipur.	Dept. of Microbiology

PUBLICATIONS

1. Patro P, Das P, Sachdev D, Borkar N, **Ganguly S**, Hussain N. Medical Mycology Case Reports. 2019; 24: 13-17.
2. **Prabha N**, Arora R, Khare S, Sharma A. Lupus vulgaris of the pinna: a case report. Iranian Journal of Otorhinolaryngology. 2019; 31.
3. **Chhabra N, Prabha N**, Kulkarni S, **Ganguly S**. Indian Dermatology Online Journal. 2018; 9: 414-417.
4. **Prabha N, Chhabra N**. Prevention of *Strongyloides stercoralis* hyperinfection in leprosy patients on long-term steroid therapy. Indian Journal of Dermatology, Venereology and Leprology. 2018; 84: 709-11.
5. **Prabha N, Chhabra N**. Non-pigmenting Fixed Drug Eruption: An Unusual Adverse Reaction to Aceclofenac. Current Drug Safety. 2018; 13(3): 224-225.
6. Kulkarni S, **Chhabra N, Prabha N**, Hussain N, Bugalia A. Nevus Lipomatosus Cutaneous Superficialis on the Nape-A Rare Presentation. SkinMedica. 2018 Jun 1; 16(3): 189-190.
7. **Prabha N, Chhabra N**, Kulkarni S, Hussain N. Familial Dyskeratotic Comedones. SkinMedica. 2018 Jul 1; 16(4): 273-274.
8. Jha AK, Sonthalia S, **Ganguly S**. Journal of the American Academy of Dermatology. 2018; 78: e35-e36.
9. **Prabha N**, Arora R, **Chhabra N**, Joseph W, Singh VY, Satpute SS, et al. Disseminated cutaneous Rhinosporidiosis. SkinMedica. 2018; 16: 63-5.
10. **Ganguly S**, Ray L, Kuruvila S, Nanda SK, Ravichandran K. Indian Journal of Dermatology. 2018; 63: 136-140.

1. List of *chapters in books*

S. No.	Author(s) of Chapter	Chapter Title	Name of the Editor	Name of the Book	Edition	Publisher	Year of Publication
1.	Satyaki Ganguly, Remya Raj R	Other Metabolic Disorder of Skin	Dr. Koushik Lahiri and Dr Abhishek De	Postgraduate Dermatology	1st	Jaypee, New Delhi	2019

PATIENT CARE

a) Facilities available in the Department

1. Diagnostic skin biopsy for histopathology
2. Dermatosurgeries including Vitiligo surgery
3. Excision of epidermoid cyst, lipoma, melanocytic nevi
4. Chemical peeling
5. Radiofrequency ablation
6. Microneedling
7. Nail avulsion
8. Chemical cautery
9. Patch testing

Special clinics

Contact dermatitis clinic on every Monday and Wednesday

AWARDS, HONOURS AND SIGNIFICANT EVENTS

Standard Treatment Guidelines on Skin Diseases. Working group meeting was called for the discussion and preparation of Standard Treatment Guidelines on skin disease. The meeting started at 9:30 AM in Dermatology department, AIIMS, Raipur. Group discussed the older draft STG of 2013 and reviewed the correction of treatments in many diseases

Standard Treatment Guidelines on Skin Diseases. Working group meeting was called for the discussion and preparation of Standard Treatment. Guidelines on skin disease. The meeting started at 9:30 AM in Dermatology department, AIIMS, Raipur. Group discussed the older draft STG of 2013 and reviewed the correction of treatments in many diseases.

1. Working group meeting on Standard Treatment Guidelines of Skin Diseases was held at the Dermatology department, AIIMS, Raipur.
2. **Dr. Satyaki Ganguly** was selected as a part of expert group for IMPACT 3.0- an initiative for 'Biologicals in Psoriasis' by Indian Association of Dermatologists, Venereologists and Leprologists
3. **Dr. Satyaki Ganguly** was selected as a part of 'Special interest group- Psoriasis' by Indian Association of Dermatologists, Venereologists and Leprologists

E.N.T.

Professor and Head

Prof. (Dr.) Nitin M. Nagarkar

Associate Professors

Dr. Rupa Mehta

Dr. Ripu Daman Arora

Assistant Professor

Dr. Satish Satpute

(Joined 01.05.2018)

HIGHLIGHTS

The Department of ENT-Head & Neck Surgery is a full fledged state of the art department carrying out all major Ear, Nose, Throat, Neck and Endoscopic skull base surgeries routinely. The department has a huge case load of variety of cases and they are managed based on the evidence based protocols in association with the Departments of Plastic surgery, Neurosurgery, Endocrinology and Interventional Radiology.

The department has have a fully functional Speech and Hearing Unit with facilities for Pure tone audiometry, Impedance audiometry, ASSR, OAE & BERA and Speech therapy facilities for various speech and language disorders.

Head & Neck tumor board, Rhinology clinic, Otology cum Vertigo clinic, ENT pathology rounds and ENT radiology rounds are conducted on a regular basis.

The Department started the facility of Cochlear Implantation under “Mukhya Mantri Bal Shravan Yojana” and Cochlear Implant surgeries are being performed regularly.

Under the Patronage of Prof. (Dr.) Nitin M Nagarkar, Dr. Ripu Daman Arora as Joint Secretary and Dr. Rupa Mehta as Scientific committee member, organized the prestigious **MIDAOICON2019** in association with Association of Otolaryngologists of India, Chhattisgarh held at Raipur from 16.11.2018-18.11.2018.

Department organized DNB Otorhinolaryngology final practical exam under National Board of Examinations at AIIMS Raipur on 01.06.2018 on in place of and 02.06.2018.

Organized one month structured training program for Government ENT surgeons working under Government of Chhattisgarh under National deafness control program over a period of 4 months for 16 candidates and 20 Audiologists over a period of 6 weeks.

The department has have two postgraduate seats per year and postgraduate training has commenced from July 2018 session. We have already sent a proposal for four PG seats per year.

CMEs/WORKSHOP/SYMPOSIA/NATIONAL & INTERNATIONAL CONFERENCES

Actively Assisted in organizing **MIDAOICON-2019** in association with Association of Otolaryngologists of India (AOI), Chhattisgarh held at Raipur from 16.11.2018- 18.11.2018.

Department Organised orientation cum training programme for effective implementation of National Programme for prevention and control of Deafness (NPPCD) in association with NPPCD and AIIMS Raipur on 28.08.2018.





LECTURES DELIVERED AT CMEs, NATIONAL & INTERNATIONAL CONFERENCES

Name of Faculty Member: Prof. (Dr.) Nitin M. Nagarkar

S. No.	Title of talk	Name of the CME/Conference	Date	Organized by
1.	Neck Dissection: Radical to Conservative	MID AOICON 2018	16.11.2018 to 18.11.2018	AOI Raipur C.G Chapter
2.	Salivary Gland Tumors: Work up and management	ENT UPDATE 2018	8.12.2018 to 9.12.2018	Maulana Azad Medical College, Delhi
3.	Changing expectations of society regarding Higher Education	EDUCATION SUMMIT 2019	11.01. 2019	Pt. Jawahar Lal Nehru Memorial Medical College, Raipur
4.	Salivary Gland Pathology	23 rd Mid-Term Conference, 9 th PG Convention & 4 th Chhattisgarh State Chapter Conference of AOMSI	01.02.2019	Chhattisgarh State Chapter AOMSI, Raipur
5.	Head and Neck Tumors with Intracranial Extension	1 st Annual Brain Tumor Symposium	2.02.2019	AIIMS Raipur
6.	Thyroid Cancer	42 nd Annual Conference of Delhi State Branch of Association of Otolaryngologists of India	02.03.2019	Lady Hardinge Medical College, Delhi
7.	Thyroid Lesions: A Multidisciplinary Approach	CME organized by Pt Jawaharlal Nehru Hospital Research Centre	20.03. 2019	Jawaharlal Nehru Hospital Research Centre Sector-9, Bhilai

Name of Faculty Member: Dr. Rupa Mehta

S. No.	Title of talk	Name of the CME/ Conference	Date	Organized by
1.	Importance of diagnosis and investigation of deafness in ear care services under NPPCD program	NPPCD workshop held at AIIMS, Raipur	28.10.2018	AIIMS, Raipur
2.	Parathyroid adenoma – from surgical to biochemical cure	MIDAOICON 2018	16.11. 2018 to 18.11. 2018	AOI Raipur C.G Chapter
3.	One airway one disease – understanding the implications	CME on allergy and asthma organized by the Department of Paediatrics	16.02.2019	Department of Paediatrics AIIMS Raipur
4.	Evolution of sleep surgery	IASSACON 2019	29.02.2019 -31.03.2019	PGIMER Chandigarh

Name of Faculty Member: Dr. Ripu Daman Arora

S. No.	Title of talk	Name of the CME/ Conference	Date	Organized by
1.	Combined approach in management of sino-nasal Tumors: Our experience	National conference of Association of Rhinologists of India RHINOCON 2018	4.10.2018 to 7.10.2018	AIIMS Bhubaneswar
2.	Importance of surgical management of deafness in ear care services under NPPCD program	NPPCD workshop held at AIIMS, Raipur	28.10.2018	AIIMS Raipur
3.	Combined Endoscopic and trans facial approach in management of sino-nasal Tumors	MIDAOICON 2018	16.11.2018 to 18.11.2018	AOI Raipur C.G Chapter
4.	Stridor vs Stertor	MID LVACON Organised by INDO-US joint working group on airway	19.02.2019 and 20.02.2019	INDO-US joint working group on airway, Lucknow
5.	Panelist in panel discussion on Management of clinical aspects and management of swine flu	Updates on Recent updates in Swine flu	31.03.2019	AIIMS Raipur

Name of Faculty Member: Dr. Satish Satpute

S. No.	Title of talk	Name of the CME/ Conference	Date	Organized by
1.	Comparison between cryosurgery and chemical cauterization for turbinate hypertrophy	MIDAOICON 2018	16.11.2018 to 18.11.2018	AOI Raipur C.G Chapter

S. No.	Title of talk	Name of the CME/ Conference	Date	Organized by
2.	CSF Rhinorrhea – our experience	14 th Asia -Oceania ORL-HNS Congress 2019 & 71 st Annual conference of the Association of Otolaryngologists of India	09.01.2019 to 13.01.2019	Association of Otolaryngologists of India Hyderabad

LIST OF ORAL PAPERS/POSTERS PRESENTED

S. No.	Authors	Title of Presentation	Name of the Conference	Date	Organized by
1.	Dr. Rupa Mehta	Evolution of sleep surgery* 2 nd prize	IASSACON 2019	29.02.2019 -31.03.2019	PGIMER Chandigarh

RESEARCH

S. No.	Title of the Project	Name Principal Investigator	Funding Agency	Duration (years)	Start year- End year
1.	Prevalence and Etiology of Hearing Impairment	Prof. (Dr.) Nitin M. Nagarkar	ICMR, New Delhi	5 years	16.11.2015 to 31.07.2019
2.	Technology enablement from management to solution for hearing impaired	Prof. (Dr.) Nitin M. Nagarkar	Department of Science and Technology under Ministry of Science and Technology Govt	3 year 07 months	01.06.2016 to 31.01.2020
3.	Hospital Based Cancer Registries-Data Management (HBCRDM)	Prof. (Dr.) Nitin M. Nagarkar	Non-funded Indian Council for Medical Research (ICMR), National Centre for Disease Informatics and Research (NCDIR), Bengaluru		01.01.2019 (on going)
4.	Investigation of the invitro biofilm producing ability and antimicrobial susceptibility testing of isolated microbes in various Ear Nose Throat infections	Dr. Rupa Mehta	Non-funded	1 year	2018 October to October 2019

S. No.	Title of the Project	Name Principal Investigator	Funding Agency	Duration (years)	Start year-End year
5.	Evaluation of Amyloid Precursor Protein m-RNA expression in tissue and saliva of HNSCC patients	Dr. Rupa Mehta	Intramural grant	1 year	Ethical approval done
6.	Evaluation of Prevalence of HPV in Head and Neck Malignancies	Dr. Ripu Daman Arora	Intramural Grant (AIIMS)	2 year	2018

Funded Projects

Completed

S. No.	Title of the Project	Name Principal Investigator	Funded by (Name of funding agency)	Duration (years)	Start year-End year
1.	Newborn hearing screening: A hospital based project at AIIMS Raipur	Dr. Ripu Daman Arora	Non funded	One Year	2018-2019

Departmental Projects (including thesis/dissertations)

Ongoing

S. No.	Title of the Project
1.	Comparison and correlation of result of preoperative Fine Needle Aspiration Cytology, intra operative touch imprint cytology with Postoperative histopathology in lesions of thyroid

Collaborative Projects Ongoing

S. No.	Title of the Project	Collaborating Department/Institution
1.	Assessment of Plasma Cell Free DNA integrity as potential independent prognostic markers for Head and Neck squamous cell cancers	Department of Biochemistry
2.	Efficacy of brief tobacco cessation intervention on pattern and attitudes towards tobacco chewing in newly diagnosed head and neck cancer patients and their relatives: A pilot randomized controlled trial from Chhattisgarh	Department of Psychiatry

PUBLICATIONS

- 1) **Abhishek Mishra, Anu N Nagarkar and Nitin M. Nagarkar.** Education, employment and life of individual with hearing impairment. **Journal of Disability Management and Special Education**, (2018) Volume 1, Issue 1
- 2) **Ripu Daman Arora*, Praveen Kumar Neema, Monica Khetarpal, Nitin M. Nagarkar and Mrinalini Raman.** Adenoid hypertrophy: unusual cause of respiratory distress. **International Journal of Medical Science and Current Research (IJMSCR)**, (August 2018) Volume 1, Issue 2 (page-131-134)
- 3) **Ripu Daman Arora*, Payal Kamble, Joseph William and Nitin M. Nagarkar.** Bilateral Recurrent Inverted Papilloma a Surgical Challenge: Case Report and Review of Literature. **International Journal of Medical Science and Current Research (IJMSCR)**, (July-August 2018) Volume 1, Issue 2 (page-89-95)
- 4) **Mehta R, Kamble P, Arora R., Nagarkar NM.** Varied presentation of venous ectasia head & neck - case series & review of literature. Accepted in Indian Journal of Otolaryngology and Head & Neck Surgery.
- 5) **Prof. (Dr.) Nitin M. Nagarkar, Dr. Rupa Mehta,** Chapter on ENT Emergencies in IAP textbook of Paediatric Emergencies.
- 6) **Singh LK, Mamidipalli SS, Das S, Tikka SK, Arora R** Cauliflower ear in late onset Psychosis. *Asian J Psychiatry* 2018 Nov 8; 39:6-7
- 7) **Santosh T, Panwar H, Kumari B, Singh VY, Arora RD, Hussain N.** FNAC of the thyroid following carbimazole therapy in hyperthyroidism: a diagnostic dilemma. *OGH Reports*. 2018; 7:38-40.
- 8) **Prabha N, Arora R*, Khare S, Sharma A.** Lupus vulgaris of the pinna: a case report. *Iran J Otolaryngol* 2019; 31:247-249.

PATIENT CARE

Apr 2018 – Mar 2019	OPD	IPD (Admissions)	Major OT	Minor OT
Total	29,285	661	319	540

AWARDS, HONOURS AND SIGNIFICANT EVENTS

- **Dr. Rupa Mehta** was awarded the global online Head Neck Fellowship in 2019.
- **Dr. Rupa Mehta** was selected for the IASSA training course in IASSACON 2019.
- **Dr. Ripu Daman Arora** was awarded prestigious ICONS of Health, Chhattisgarh by Honorable Chief Minister of Chhattisgarh for contribution in field of Otolaryngology.
- **Dr. Ripu Daman Arora** completed foreign travel Fellowship awarded by Indian society of Otology and attended International tympanoplasty course from University of Cologne, Germany from 22.10.2018 to 04.11.2018.

Presentation and Awards (Senior Residents)

Presenter	Moderator	Topic	MIDAOICON 2018
Dr. Govind Gourh	Dr. Ripu Daman	Poster: Neurofibroma of nasal tip-a rare entity	
Dr. Govind Gourh	Dr. Ripu Daman	Paper: Papillary carcinoma thyroid-some unusual presentation	2 nd prize
Dr. Govind Gourh		Cadeveric hands on endoscopic sinus surgery-advanced	1 st prize

Presenter	Moderator	Topic	MIDAOICON 2018
Dr. Payal Kamble	Dr. Rupa Mehta	Poster: Midline lethal granuloma- a diagnostic and surgical enigma	2 nd prize
Dr. Payal Kamble	Dr. Rupa Mehta	Paper: Varied presentation of venous ectasia in Head and Neck	2 nd prize
Dr. Payal Kamble		Participation in cadaveric hands on dissection advanced FESS	
Dr. Jyoti Ranjan Das	Dr. Rupa Mehta	Papers: Allergic Rhinitis and its correlation with Vit D	
Dr. Jyoti Ranjan Das	Dr. Ripu Daman	Poster: Ceruminous gland adenocarcinoma of ear: A rare case presentation	3 rd prize
Dr. Jyoti Ranjan Das		Participation in cadaveric hands on dissection advanced FESS	
Dr. Shardul Singh Chauhan	Dr. Rupa Mehta	Paper: Lymphangioma masquerading as Ludwig's angina	
Dr. Shardul Singh Chauhan	Dr. Rupa Mehta	Poster: Rhinosporidiosis- our experience	

Endocrinology & Metabolism

Assistant Professor

Dr. Amritava Ghosh
(joined on 17.05.2018)

HIGHLIGHTS

The Department of Endocrinology & Metabolism was established at AIIMS, Raipur after Dr. Amritava Ghosh joined the institution as a faculty on 17.05.2018. The Department of Endocrinology & Metabolism started OPD services from

25.05.2018 and subsequently IPD services were started. Proposals were prepared for development of research and patient care facilities of the department and work is in progress towards expansion of the department and its services.

LECTURES DELIVERED AT CMEs, NATIONAL & INTERNATIONAL CONFERENCES

Name of Faculty Member: Dr. Amritava Ghosh

S. No.	Title of talk	Name of the CME/Conference	Date	Organized by
1.	Transgender Medicine- Endocrine Treatment of Gender-Dysphoric Persons	Weekly Academic Meeting	01.03.2019	AIIMS Raipur
2.	Debate: 'Graves' disease should be treated with RAI ablation at diagnosis (for the motion)	midterm ESICON 2019	24.03.2019	University College of Medical Sciences New Delhi

PATIENT CARE

The OPD services of Department of Endocrinology & Metabolism, AIIMS Raipur are available on all working days. The Department of Endocrinology & Metabolism caters to patients on OPD as well as IPD basis.

Forensic Medicine and Toxicology

Professor & Head

Dr. Krishnadutt Chavali

Associate Professor

Dr. Shreemanta Kumar Dash

Assistant Professor

Dr. Pankaj Suresh Ghormade

Dr. Swapnil P. Akhade

(Joined on 22.09.2018)

HIGHLIGHTS

The department has been providing medico-legal autopsy services and embalming of autopsied dead bodies. Additionally, the department has also been providing “on call” services for clinical forensic cases brought to the hospital. This year, the department has formally started providing full time, clinical forensic services in the hospital, with an ambitious plan to eventually

take over all the medico-legal services of the hospital so that the clinicians are spared of the legal formalities and can devote their time and energy towards providing better clinical care to the patients. (two more Senior Resident posts have been granted to the department making it a total of 8 Senior Resident posts of which 7 are filled).

EDUCATION

The major contribution of the department in the field of medical education this year has been its participation in the meeting for drafting a new curriculum for MBBS. In the newly proposed and drafted curriculum, the subject has been proposed to be shifted to the 5th, 6th and 7th terms and the syllabus has been broken down into modules with a more practical approach towards the subject. Clinical posting of students during their 7th term has also been proposed so that they have hands-on exposure to the practical aspects of medico-legal cases. Two papers have been proposed for the convenience of the students so that the subject is divided and thus can be prepared in a better way.

CMEs/WORKSHOP/SYMPOSIA/NATIONAL & INTERNATIONAL CONFERENCES ORGANIZED:

Dr. Shreemanta Kumar Dash, in his capacity as Deputy Medical Superintendent, was part of the organizing committee for the CME cum Workshop on “Laws Applicable to Hospitals: Case studies on Possible Solutions” at AIIMS Raipur on 19.01.2019.

CMEs/WORKSHOP/SYMPOSIA/NATIONAL & INTERNATIONAL CONFERENCES ATTENDED:

Name of the Faculty Member	Name of the CME/conference	Date	Organised by
Dr. Krishnadutt Chavali	Hands on workshop on Infection Control Practices	19.04.2018	AIIMS Raipur
	Refresher Workshop on Research Ethics and GCP	23.08.2018	Karamsad, Anand, Gujarat

Name of the Faculty Member	Name of the CME/conference	Date	Organised by
	Training on Comprehensive Healthcare Response to Survivors of Violence	30.08.2018 to 01.09.2018	CEHAT, Mumbai
	Pulmonary medicine update National symposium on Pulmonary medicine	15.09.2018	AIIMS, Raipur
Dr. Pankaj Suresh Ghormade	Modern assessment methodologies in Medical Education, National workshop organized by dept. of Physiology	30.03.2019	AIIMS, Raipur
	Laws applicable to hospitals: case studies on challenges and possible solutions organized by dept. of hospital administration	19.01.2019	AIIMS, Raipur
	Pulmonary medicine update National symposium on Pulmonary medicine	15.09.2018	AIIMS, Raipur
	Hands on workshop on Simulation based Medical Education	4.08.2018 and 5.08.2018	AIIMS, Raipur

LECTURES DELIVERED AT CMEs, NATIONAL & INTERNATIONAL CONFERENCES

Name of Faculty Member: Dr. Krishnadutt Chavali

S. No.	Title of talk	Name of the CME/Conference	Date	Organised by
1.	Ethics and Professionalism in Medical Education	2 nd Workshop on Medical Education Technologies for Teachers of Health Professionals	12.04.2018	AIIMS Raipur
2.	Alcohols- Ethanol, Methanol, Hooch tragedy, Ethylene glycol	ISTOLS Masterclass and Workshop	24.06.2018 -25.06.2018	Medanta- The Medicity Hospital Gurugram, Haryana
3.	How to present yourself as Expert Witness in Court	FMT MPCON-III*	12.01.2019	NSCB Medical College Jabalpur, Madhya Pradesh

* Also chaired the session of the Dr. Heeresh Chandra Oration delivered by Prof. (Dr.) H. M. Mangal in the same conference.

Name of Faculty Member: Dr. Shreemanta Kumar Dash

S. No.	Title of talk	Name of the CME/Conference	Date	Organised by
1.	Understanding & Interpreting – The Act PC &PNDT	CME on PC & PNDT Act Organized by Department of Forensic Medicine & Toxicology, AIIMS, BBSR, (In collaboration with PC & PNDT Cell, Directorate of FW, Odisha)	08.07.2018	AIIMS, Bhubaneswar
2.	Understanding & Interpreting – The Act PC &PNDT	CME on PC & PNDT Act Organized by Department of Forensic Medicine & Toxicology, AIIMS, BBSR, (In collaboration with PC & PNDT Cell, Directorate of FW, Odisha)	26.02.2019	AIIMS, Bhubaneswar

LIST OF ORAL PAPERS/POSTERS PRESENTED

S. No.	Authors	Title of Presentation	Name of the Conference	Date	Organised by
1.	Dr. Shreemanta Kumar Dash	An Insight to the Dynamics of Advance Directive for Passive Euthanasia as per the verdict of Supreme court	IAMLE 2018, 9 th International Conference on Legal Medicine, Medical Negligence and Litigation in Medical Practice	27.10.2018 and 28.10.2018	Dr. D Y Patil Medical College, Pune
2.	Dr. Pankaj Suresh Ghormade	Analysis of diatoms in lungs and drowning medium in a case of drowning and post mortem immersion deaths: one year pilot study	Forensic Juriscon -2018, 21st Annual state conference of MLAM	27.10.2018 and 28.10.2018	SGSMC & KEMH, Mumbai
3.	Dr. Pankaj Suresh Ghormade	Delayed onset of cardiac arrhythmia after electric shock: an autopsy case report	Forensic Medicon – 2019 40th Annual national conference of IAFM	31.01.2019 to 2.02.2019	SNMC, Jodhpur

RESEARCH

Ongoing

S. No.	Title of the Project	Name Principal Investigator	Funded by (Name of funding agency)	Duration (years)	Start year-End year	Total funds sanctioned (Rs.)
1.	Assessment of Knowledge and Practice of Safety measures by the Agricultural workers using pesticide in Loharsi Gram Panchayat of Durg District, Chhattisgarh – One year Pilot Study	Dr. Shreemanta Kumar Dash	Non Funded	01 year	2018-2019	Non funded

Departmental Projects (including thesis/dissertations)

Ongoing

S. No.	Title of the Project
1.	Study of sexual dimorphism in Mandibular Canines using Mandibular Canine Index in patients attending Dental OPD at AIIMS Raipur
2.	Study of the prevalence of atherosclerotic lesions in heart and major blood vessels in autopsy cases at AIIMS Raipur (Thesis)
3.	Reducing the Errors in the Medical Certification of Cause of Death Certificate issued by the Residents at T&E Unit of AIIMS Raipur (POCQI)
4.	Prevalence and practice of self-medication among MBBS students of AIIMS, Raipur (ICMR STS)
5.	Suicidality and impulsivity among alcohol dependent patients. (ICMR STS)
6.	Do commercially available “Protein Supplements” Have an Ill Effect On Cardio Vascular Health of Young Adult Males? – A Pilot Study (ICMR STS)

PUBLICATIONS

1. Shaha K.K., Patra A.P., Chaudhari V.A., Das S, **Dash S.K.** A review on Applications of Principles of Medical Ethics in the Practice of Surgery; South-East Asian Journal of Medical Education, Vol. 12, no. 1, 2018: 13-18
2. Sarma B, **Ghormade PS**, Yadav L. Homicidal stab injury over an extremely rare site: a case report. Int. J. of Allied Med. Sci. and Clin. Research 2018, Vol 6(3): 761-66.
3. Chaudhary UK, **Ghormade PS**, Rathod V, Keoliya AN. Deaths due to electrocution in Central India: A study of two years. Medico legal update. (Accepted for publication dated: 5.07.2018)

PATIENT CARE

The institute provides all material like dead body shroud, polythene sheet for wrapping the autopsied body, containers for sending viscera for chemical analysis and histopathology, etc. with no cost to the next of kin, thus saving them from such harassment at a point of time when their dear ones are no more.

AWARDS, HONOURS AND SIGNIFICANT EVENTS

Dr. Krishnadutt Chavali:

Invited as Judge for the Indian Science & Engineering Fair – Regional Fair conducted by Bhavan’s R.K. Sarda Vidya Mandir, Raipur in association with Science Society of India.

Dr. Shreemanta Kumar Dash:

1. As the Nodal Officer Awarded with certificate of appreciation for actively organizing the “Special Swacchta Drive” observed at AIIMS Raipur from 1.04.2018 to 15.04.2018
2. As the Nodal Officer Awarded with certificate of appreciation for actively organizing the “Swacchta Pakhwada” observed at AIIMS Raipur from 15.09.2018 to 02.10.2018

General Medicine

Associate Professor

Dr. Sabah Siddiqui

Assistant Professor

Dr. Preetam Narayan Wasnik

Dr Keshao Nagpure

Dr. Rohini Rokkam

(Joined on 19.07.2018)

HIGHLIGHTS

In Past one-year Department of Medicine has been involved in various kind Teaching Activities and Clinical Services.

1. The department prepared curriculum for MBBS in AIIMS Raipur, developed Module for training of doctors for Health and wellness centre. The department has organised training and capacity building Chhattisgarh state Assistant Medical Officer (Trained about 200 AMO in Year 2018 19-), BLS Course

for Nursing Staff, and sickle cell screening camp at Karmadham, Krishna nagar, purana Damtari Road, Raipur, organised by sickle cell committee, AIIMS, Raipur on 02.12.2018. The faculty were also members of Genetics Research lab committee, national Task Force Project on PCOS. They were on duty for Prime Minister visit at Raipur Airport on 22.09.2018 and also received Icons of Health Award 2019 from Times Group.

EDUCATION

In Addition to routine classes The department has been part of skill upgradation of MBBS /Nursing Students, workshop on Basic Life support for Final Year Students, hand Hygiene workshop for SR and JR, BLS Course Nursing Staff, short seminar on Medical emergency management by Final Year MBBS 2014 students.

CMEs/Workshops/Symposia/National and International Conferences

S.No.	Title to talk		Name of the CME/ Conference	Date	Organized by
1.	Investigators Meeting,	Dr..M.S. Siddiqui	Task Force Project entitled Evaluation of PCOS :(A Multicenter study across India(“	24.05.2017	ICMR Headquarter Delhi
2.	Non Communicable Diseases	Dr.M.S. Siddiqui	Training of AMO by SHRC	Multiple times in year 2018 19-	AIIMS, Raipur
3.	Occupational Exposure and it's Management	Dr.M.S. Siddiqui	Hands -on Workshop on Infection Control Practices	16.04.2018 to 19.04.2018	AIIMS, Raipur
4.	Hypertension- Diagnosis Criteria & Management	Dr.M.S. Siddiqui	Training of Trainers)ToT (for Medical Officers and AMO under Ayushman Bharat“	03.07.2018	Vennington court, Raipur

S.No.	Title to talk		Name of the CME/ Conference	Date	Organized by
5.	Point of care Ultrasonography	Dr.M.S. Siddiqui	AIIMS Emergency Sonography Course	30.06.2018 to 01.07.2018	Govt. Medical College Vadodara
6.	Epidemiological variance of Malaria in CG	Dr.M.S. Siddiqui	CME on Infectious & Tropical Diseases	27.10.2018	CIMS Bilaspur
7.	Improving hospital systems Enhancing patient safety, reducing medication & transfusion errors	Dr M.S. Siddiqui	Quality Healthcare & Patient Safety	4.02.2019-5.02.2019-	AIIMS, Raipur
8.	Thyroid Function Test :it's Interpretation and Pitfalls	Dr. K.B. Nagpure	weekly Academic meeting	31.08.2018	AIIMS, Raipur
9.	Role of yoga in Diabetes & Hypertension	Dr. Preetam Wasnik	International yoga day	21.06.2018	AIIMS, Raipur

RESEARCH

1. ICMR National Task force on PCOS
2. Serum testosterone level and semen quality in male patients with Sickle Cell disease attending AIIMS Raipur, OPD
3. Cognitive function in patients with abnormal Thyroid function tests
4. Correlation study of endothelial function & biomarkers in patients of sickle cell anaemia in Chhattisgarh
5. Effect of psychological intervention on physiological Status of type 2 Diabetic patient
6. Prevalence of scrub typhus & leprospirosis in cases of acute undifferentiated fever: preliminary study at AIIMS, Raipur.
7. 10 year cardiovascular risk as predicated by QRISK (R3) calculator in diabetic patient attending tertiary case teaching hospital of central India & its application to statin over user & under users.

Departmental project including thesis/dissertations:

Study of associations between the degree of hyponatremia and severity of complication of cirrhosis of liver in tertiary care centre in central India

PUBLICATIONS

1. **Wasnik PN**, Singh S, **Siddiqui Md S**, **Nagpure K**. Rare case of Left Ventricular Myxoma presented with right sided pleural effusion. Vidarbha Journal of Internal Medicine. 2018; 25: 102-104.
2. Khot R, **Nagpure K.**, Familial Hypercholesterolemia with Different types of Xanthomas. Journal of The Association of Physicians of India. 2018; 66:86

PATIENT CARE

Department of Medicine is presently running regular Morning OPD and four specialities OPD

1. Hypertension Clinic.
2. Diabetes Clinic.
3. Rheumatology Clinic.
4. Geriatric Clinic

Total number of IPD & OPD patients were 2902 and 56416 respectively.

MEMBERSHIP OF ADVISORY COMMITTEE

Dr. Sabah Siddiqui is a member of committee for Revision of National List of Essential Medicines, Hospital Infection control committee, Transfusion Committee, committee for establishing Genetic Lab, Patient Safety and Quality Care Committee, ethics committee. Dr. Preetam Narayan Wasnik is a member of Sickle Cell Committee, research committee and crèche committee.

GENERAL SURGERY

Additional Professor and Head

Dr. Debajyoti Mohanty

Associate Professors

Dr. Radhakrishna Ramchandani

Dr. Tridip Dutta Baruah

Dr. Dharmendra Duggar

Dr. Chetan Anand

(Joined on 14.05.2018)

Assistant Professor

Dr. Rubik Ray

HIGHLIGHTS

The Department offers varied open and laparoscopic surgical facilities to the patients in need of surgical care in both elective and emergency settings. The Department has started postgraduate course

(MS General Surgery) with intake of the first postgraduate student in July 2018 followed by two other postgraduate students in the January 2019 session.

EDUCATION

The Department is involved in the clinical teaching of students of four semesters (3 hours/day/semester) while students of three semesters were attended in didactic lectures (9 hours/ week). During the clinical postings the students were taught the nuances of surgical care to the patients in the various work stations like OPD, major and minor operation theatre and IPD. The students were periodically evaluated by internal assessment for knowledge gained in clinical and theoretical aspect. The department also organized hands on training program for its interns and residents for fine tuning the surgical skills.

Academic activities for the postgraduate students is being conducted regularly (thrice in every week) in the form of clinical case presentations, journal clubs, topic discussions, and surgico pathological seminars.

CMEs/WORKSHOP/SYMPOSIA/NATIONAL & INTERNATIONAL CONFERENCES

Breast health Awareness Camp as a part of “Breast Cancer Awareness Campaign” was organized at AIIMS Raipur on 27.11.2018 on the 3rd anniversary of the inauguration of Breast Cancer Clinic. The campaign was inaugurated by honorable director of AIIMS Raipur Professor Dr. Nitin M. Nagarkar. The program was attended by administrative officers, faculty members, senior residents Dr. , junior residents, nursing staff and students. This unique interactive program between the doctors and patients was well appreciated by all.

Microbiology

Additional Professor and Head

Dr. Padma Das

Additional Professor

Dr. Anudita Bhargava

Dr. Ujjwala Nitin Gaikwad

(Joined on 21.04.2018)

Associate Professors

Dr. Sanjay Singh Negi

Assistant Professor

Dr. Archana Wankhede

(Joined on 16.05.2018)

HIGHLIGHTS

- Fifth batch of MBBS students passed 2nd professional examination in December 2018.
- Five PG students have joined MD Microbiology course and continuing in 2018 and 2019.
- Fifth batch of BSc. Nursing students passed Microbiology.
- Allotment of space in central laboratory area and ongoing efforts for designing and establishing test facilities.
- Implementation of round the clock laboratory service including holidays with gradual increase in available test lists.
- Ongoing developmental work in establishing of state of art Tuberculosis laboratory with BSL-3 facility.
- Ongoing developmental work in establishing of State-level Virus Diagnostic and Research Laboratory in the department.
- Escalation of various infection control activities in wards, ICUs & OTs of AIIMS Raipur.
- Regular training activities regarding infection control practices & Biomedical Waste Management imparted to Health care personals.
- Ongoing continuous effort for purchase of laboratory instruments, planning & designing of different laboratories, maintenance of day to day educational activities.
- Sanction of various extra-mural and intramural research grants to all the faculty of the department.
- Establishment and maintenance of many fully functional diagnostic sections of the department including Bacteriology, Serology, Tuberculosis, Mycology, Molecular biology and Infection control.

EDUCATION

- Two MBBS students received second prize in State level intercollegiate undergraduate Microbiology Quiz during CGMICROCON, the 2nd annual conference of CAMM on 8.09.2018 and 9.09.2018.
- Organized e-poster competition on “Preventing Hospital Acquired Infections: My role as a Health care worker” for medical and nursing interns of AIIMS Raipur in the month of February 2019. Best poster was selected as a back cover page of HICC manual.
- Organized intradepartmental weekly seminars.
- Academic presentation in weekly academic meetings for all faculty members.
- Organised summer training for Biotechnology VI semester students of NIT, Raipur during May-June 2018.

- Ongoing training and sensitization programme on infection control measures and biomedical waste management for newly joining hospital staff.

CMEs/Workshops/Symposia/National and International Conferences

1. Hands-on workshop on Infection control for faculty members of AIIMS Raipur 16.04.2018 and 19.04.2018.
2. Organized “World Hand Hygiene Day” celebration at AIIMS hospital campus on 5.05.2018.
3. First “State level Hands-on Workshop on Hospital Infection Control” from 8th -11th August 2018 at AIIMS Raipur.
4. Training of Medical officers and Staff Nurses of various Special care new-born units of Chhattisgarh on ‘Infection Control Practices and Sample collection and transportation’ on 18.09.2018.
5. Training of Medical officers and Staff Nurses of various Maternity units of District Hospitals and Medical colleges of Chhattisgarh on ‘Infection Control Practices and Sample collection and transportation’ on 15.03.2019.
6. Organized hands-on workshop on Infection control for senior residents of AIIMS Raipur 12.03.2019 and 14.03.2019.
7. CME on ‘Recent updates on Swine Flu’ for Medical Officers of State health services of Chhattisgarh on 31.03.2019.

Lectures delivered at CMEs, National and International conferences

Name of faculty member: Dr. Padma Das

S. No.	Title of Talk	Name of CME/ Conference	Date	Organised by
1.	Educational Objectives: Specific and Broad learning Objectives	Workshop on Medical Education and Technologies	11.04.2018-12.04.2018	AIIMS, Raipur
	Formulating MCQs and Item analysis			
2.	Emerging Fungal Infections: A challenge- panel discussion	XIth annual state conference, IAMM Odisha chapter	7.10.2018	M.K.C.G. Medical College, Berhampur, Odisha
3.	BMW Management Guideline 2018 and BMW Audit	State level Hands on workshop on Hospital infection control	8.08.2018-11.08.2018	AIIMS, Raipur
4.	Biomedical waste management	Hands on workshop on infection control practices	12.03.2019-14.03.2019	AIIMS, Raipur
5.	Moderator in panel discussion on clinical aspects management of swineflu	CME on Recent updates on Swineflu	31.03.2019	AIIMS, Raipur

Name of faculty member: Dr. Anudita Bhargava

S. No.	Title of talk	Name of the CME/ Conference	Date	Organised by
1.	Role of Microbiological surveillance in imparting Quality care in SNCUs of Chhattisgarh	National workshop on Quality Improvement of health care services in SNCUs	22.06.2018	UNICEF Raipur
2.	Antimicrobials in EDL and AMR	A CME organized by SHRC and State Health Services CG	27.06.2018	Pt. J N M Medical College, Raipur
3.	Role of Microbiologist in AMSP	State level Hands-on Workshop on Hospital Infection Control	8.08.2018	AIIMS, Raipur
	Hand hygiene methods		-11.08.2018	
4.	Outbreak Investigation	State level Hands-on Workshop on Hospital Infection Control	8.08.2018 -11.08.2018	AIIMS, Raipur
5.	Panelist in a Panel discussion	CGMICROCON', the 2 nd Annual conference of Chhattisgarh association of Medical Microbiologists	8.09.2018 – 9.09.2018.	Chhattisgarh association of Medical Microbiologists Raipur
7.	Standard precautions- HH, PPE	Hands-on training on "Infection Control Practices" for SNCUs by UNICEF	10.09.2018	AIIMS, Raipur
	Sample collection and transportation			
8.	Overview of ICP	Hands-on workshop on Infection Control for maternal units of Chhattisgarh under UNICEF	15.03.2019	AIIMS, Raipur
	Occupational exposure and it's management			
9.	Epidemiological trends	CME on recent updates on Swine Flu	31.03.2019	AIIMS, Raipur

Name of faculty member: Dr. Ujjwala Gaikwad

S. No.	Title of Talk	Name of CME/ Conference	Date	Organised by
1.	Prevention of DAIs: Bundle care approach	1 st state level hands-on workshop on "Hospital Infection Control"	8.08.2018	AIIMS, Raipur
	Transmission based Precautions		-11.08.2018	
2.	Moderation of the session on – "Meet the experts –ID training in India: past, present and future"	CGMICROCON', the 2 nd Annual conference of Chhattisgarh association of Medical Microbiologists	8.09. 2018 – 9.09.2018	Chhattisgarh association of Medical Microbiologists Raipur

S. No.	Title of Talk	Name of CME/ Conference	Date	Organised by
3.	Cleaning and decontamination of SNCUs	Hands-on training on "Infection Control Practices" for SNCUs by UNICEF	10.09.2018	AIIMS, Raipur
5.	Occupational exposure and it's management	Hands-on training on "Infection Control Practices" for SNCUs by UNICEF	10.09.2018	AIIMS, Raipur
6.	Laboratory Diagnosis of Tuberculosis under RNTCP (2016 Guidelines)	World TB week celebration.	13.03.2019 and 28.03.2019	AIIMS, Raipur
7.	Environmental cleaning and decontamination in maternal units	Hands-on workshop on Infection Control for maternal units of Chhattisgarh under UNICEF	15.03.2019	AIIMS, Raipur
8.	Prevention and Control of Swine flu	CME on "Recent update in Swine Flu"	31.03.2019.	AIIMS, Raipur

Name of faculty member: Dr. Sanjay Singh Negi

S. No.	Title of talk	Name of the CME/ Conference	Date	Organised by
1.	Human Papilloma Virus: Molecular Diagnostic Perspective	SYSCON	12.1.2018	AIIMS Delhi
2.	ELISA and CLIA Immunoassay	Training workshop for laboratory Technician and Doctors on Viral Hepatitis: Laboratory Diagnosis	13.12.2018-15.12.2018	Pt. JNM Medical College Raipur
3.	Laboratory Diagnosis of Pandemic Influenza (H1N1) virus	"Recent update in Swine flu; Diagnosis and Clinical management".	31.03.2019	LT-4, AIIMS, Raipur

Name of faculty member: Dr. Archana B. Wankhade

S.No	Title of Talk	Name of CME/ Conference	Date	Organised by
1.	Environmental surveillance:Water Surveillance	Hands-on Workshop on Hospital Infection Control	8.08.2018 - 9.08.2018	AIIMS Raipur
	MDRO in Patients and Staff Surveillance & Prevention			

S.No	Title of Talk	Name of CME/ Conference	Date	Organised by
2.	Introduction to viral hepatitis: laboratory diagnosis	Training workshop for laboratory technicians and doctors on viral Hepatitis: laboratory diagnosis	13.12.2018 -15.12.2018	Pt. JNM Medical college, Raipur
	Introduction to laboratory QMS			
	Emergency Procedures in Laboratory & Biomedical waste Management			
	PEP-HIV/ HBV/ HCV Guidelines			
3.	Knowing the Virus...	CME on 'Recent updates on Swine Flu'	31.03.2019	AIIMS Raipur

List of oral papers/posters presented

S.No.	Authors	Title of Presentation	Name of Conference	Date	Organised by
1.	Anudita Bhargava , Debabrata Dash, Ajay Trakroo, Ritu Pandey, Anuniti Mathias, Kumar Vikram and Priyadarshini Patro	Neonatal septicemia and Infection control practices in newly established Special New-born Care Units (SNCUs) of Chhattisgarh	HISICON 2018 XV National Conference of Hospital Infection Society India	4.10.2018 – 6.10.2018	Hospital Infection Society India, Hyderabad
2.	Ankita Dewangan, Ujjwala Gaikwad , Padma Das, Anudita Bhargava	High touch objects in a tertiary care teaching hospital: How clean are they?	'HISICON 2018', the XV National conference of Hospital Infection Society India	4.10.2018– 6.10.2018	Hospital Infection Society India, Hyderabad
3.	*U Gaikwad , A Bhargava, A Jindal, G Padhy, P Das, A Lalwani, D Dash	Faecal calprotectin as a non invasive inflammatory marker to distinguish bacterial and viral diarrhea in children: a pilot study	'MICROCON 2018', the 42 nd Annual conference of IAMM, organized by	28.11.2018 -2.12.2018	NIMHANS Bangalore
4.	Negi SS , Bhargava A, Hussain N, Das P, Aggarwal S	Screening for high risk Human Papilloma Virus genotyping by multiplex Real Time PCR using TOCE technology in women with cervical abnormalities: a tertiary hospital based study from Raipur, Chhattisgarh	International Conference of Virology "INTERVIROCON 2018"	10.11.2018- 14.11.2018	PGI Chandigarh

S.No.	Authors	Title of Presentation	Name of Conference	Date	Organised by
5.	Negi SS , Bhargava A, Hussain N, Das P, Aggarwal S	Genetic analysis of E6, E7 Human Papillomavirus(HPV) oncogenes isolated from women with malignant cervical pathology	MICROCON 2018	28.11.2018 - 30.11. 2018	NIMHANS Bangalore
6.	Wankhade A. Hathiwala R, Bankar N, Brahmane R	Aerobic Bacteriology of Necrotising Fasciitis –A Study from Tertiary Care Teaching Hospital	2 nd Annual state level conference of Chhattisgarh CG MICROCON 2018	8.09.2018 and 9.09.2018	Chhattisgarh association of Medical Microbiologists Raipur
7.	P. Das	Hospital Antibioqram of AIIMS, Raipur	1 st meeting of WHO- IAMM Network of surveillance of antimicrobial resistance.	28.03.2019 -29.03.2019	WHO-IAMM New Delhi

* The paper was selected among the top two papers for IAMM award category for “Dr. SR Sengupta- Dr. AM Saoji memorial prize for Best Paper (Oral) in Immunology”.

RESEARCH

Funded projects- Ongoing

S. No.	Title of the project	Name of the Principal Investigator	Funded by	Duration	Start year- End year	Total Funds
1.	Base line widal titre and Salmonella carrier rate detection in healthy blood donors in Raipur	Dr. Padma Das	AIIMS, Raipur	1.5 years	2018-2019	5,00,000/-
2.	Capacity Building and Strengthening of Hospital Infection Control to detect and prevent antimicrobial resistance in India	Dr. Padma Das	CDC	3 years	2018-2020	40,00,000/-
3.	AIIMS, Raipur: Initiating Antimicrobial Stewardship activities in hospitals in India .	Dr. Padma Das	ICMR	1 year	2018-2019	10,00,000/-
4.	Microbiological Surveillance of SNCUs of Chhattisgarh	Dr. Anudita Bhargava	UNICEF	2.5 years	2018-2020	25,00,000/-

S. No.	Title of the project	Name of the Principal Investigator	Funded by	Duration	Start year-End year	Total Funds
5.	Prevalence of Scrub Typhus and Leptospirosis in cases of Acute Febrile illness in a tertiary care institute in Central India: A Pilot study	Dr. Anudita Bhargava	AIIMS Raipur	1 year	2018	3, 94,900/-
6.	Monitoring of Dengue and Chikungunya viruses circulating in India for changes in the serotypes, genotype and lineages utilizing Viral Research & Diagnostic Laboratories Network	Dr. Anudita Bhargava	Department of Health and Research (DHR)-ICMR Under VRDL	1 year	2019	3,00,000/-
7.	Microbiological surveillance of Enteric pathogens causing childhood diarrhoea and evaluation of Faecal Calprotectin as a non invasive marker in distinguishing Enteric pathogen.	Dr. Ujjwala Gaikwad	AIIMS, Raipur	2 years	2017-2019	5,00,000/-
8.	Evaluation of Fluorescein Diacetate viability staining during follow up examination of smear positive pulmonary TB patients put on category I daily treatment regimen to identify the patients requiring DST at the end of intensive phase.	Dr. Ujjwala Gaikwad	RNTCP	1 year	Approved; Yet to start	2,00,000/- (awaited)
9.	Screening for high risk human papillomavirus(HPV) genotypes by real time PCR in women with premalignant and malignant cervical pathology: a hospital based study from Raipur, Chhattisgarh”	Dr. Sanjay Singh Negi	SERB, DST	2 Years	Sept., 2017-Sept., 2019	8,90,000/-

Completed

S. No.	Title of the Project	Name Principal Investigator	Funding Agency	Duration (years)	Start year- End year	Total funds sanctioned (Rs.)
1.	Molecular profiling of multidrug resistant isolates of Mycobacterium tuberculosis in Raipur, Chhattisgarh	Dr. Sanjay Singh Negi	AIIMS, Raipur	2 years	Dec., 2016- Dec., 2018	4,80,000/-

Departmental projects (including thesis/dissertations)

Ongoing -

S. No.	Title of the project
1.	Evaluation of utility of PCR for diagnosis and carrier detection of <i>Mycobacterium leprae</i> : A cross sectional study at a tertiary care teaching hospital in Central India
2.	Decreasing misuse of gloves by healthcare workers through prospective audit of gloving practices and evidence-based feedback on environmental transmission of pathogens. (Undergraduate student project)
3.	Bacteriological Analysis of Sugarcane Juice and Hand Swab Of Street Vendors With Special Attention To Salmonella Spp. (Undergraduate student project)
4.	Characterization, speciation and detection of antibiotic resistance in Enterococcal isolates from clinical specimens.
5.	Detection of Virulence factors in colonized strains of Candida species isolated from diabetic patients. (ICMR-STs approved Undergraduate student project)
6.	To elucidate the serotypes of Dengue virus circulating in Raipur, Chhattisgarh by real time reverse transcriptase polymerase chain reaction. (ICMR-STs approved Undergraduate student project)

Completed

S. No.	Title of the project (ICMR-STs Project for students)
1.	Improving the diagnosis and surveillance of catheter associated urinary tract infections by including terminal urine cultures in routine work up of patients with indwelling catheters. (ICMR-STs project)

Collaborative projects

Ongoing

S. No.	Title of the project	Collaborating department/institution
1.	Quality improvement project on Decreasing the frequency of needle recapping during RBS monitoring by the nursing officers of Trauma and Emergency ward.	Trauma and Emergency department and Hospital Infection Control team, AIIMS Raipur

S. No.	Title of the project	Collaborating department/institution
2.	Assessment of Neuraminidase Inhibitor susceptibility by detecting H275Y mutation in Influenza A (H1N1) pdm09 virus during 2018-2019 seasons	Department of Health and Research (DHR)- ICMR NIV, Pune
3.	Base line widal titre and Salmonella carrier rate detection in healthy blood donors in Raipur	Blood Bank, Pt. JNM Medical College, Raipur
4.	Capacity Building and Strengthening of Hospital Infection Control to detect and prevent antimicrobial resistance in India	AIIMS, New Delhi, All ICUs of AIIMS, Raipur
5.	AIIMS, Raipur: Initiating Antimicrobial Stewardship activities in hospitals in India	AIIMS, New Delhi, Hospital administration, Dept. of Pharmacology & All ICUs of AIIMS, Raipur,
6.	Microbiological Surveillance of SNCUs of Chhattisgarh	Department of Health Services, Chhattisgarh, UNICEF
7.	Prevalence of Scrub Typhus and Leptospirosis in cases of Acute Febrile illness in a tertiary care institute in Central India: A Pilot study	Department of Medicine & Paediatrics, AIIMS, Raipur
8.	Monitoring of Dengue and Chikungunya viruses circulating in India for changes in the serotypes, genotype and lineages utilizing Viral Research & Diagnostic Laboratories Network	Department of Medicine & Paediatrics, AIIMS, Raipur
9.	Microbiological surveillance of Enteric pathogens causing childhood diarrhoea and evaluation of Faecal Calprotectin as a non invasive marker in distinguishing Enteric pathogen	Department of Paediatrics of Pt. JNM Medical college & AIIMS, Raipur
10.	Evaluation of Fluorescein Diacetate viability staining during follow up examination of smear positive pulmonary TB patients put on category I daily treatment regimen to identify the patients requiring DST at the end of intensive phase.	Department of Pulmonary Medicine
11.	Screening for high risk human papillomavirus(HPV) genotypes by real time PCR in women with premalignant and malignant cervical pathology: a hospital based study from Raipur, Chhattisgarh	Department of Obs. & Gyn., Pathology, AIIMS, Raipur

PUBLICATIONS

1. Patro P, **Das P**, Sachdev D, Borkar N, Ganguly S, Hussain N. An instance of excellent response of subcutaneous zygomycosis to itraconazole monotherapy. *Med Mycol Case Rep.* 2019 Feb 14; 24:13-17. doi: 10.1016/j.mmcr.2019.02.002. PubMed PMID: 30859059; PubMed Central PMCID: PMC6395828.
 2. Patro S, Sarangi G, **Das P**, Mahapatra A, Mohapatra D, Paty BP, *et al.* Bacteriological profile of ventilator-associated pneumonia in a tertiary care hospital. *Indian J Pathol Microbiol* 2018; 61:375-9.
 3. **Bhargava Anudita**, Trakroo Ajay, Dash Debabrata, Prasanna R, Pandey Ritu. Evidence based awareness generation improves infection control practices in Neonatal Intensive Care Units at secondary level government hospitals in Central India. *Canadian Journal of Infection Control* 2018; 33 (2): 106-110.
 4. **Bhargava Anudita**, Kombade Sarika, Dash Debabrata and Jain Yogesh. Disseminated nocardiosis by *Nocardia farcinica*: Review and first case report from Central India. *Med Journal Armed Forces India* 2019; 75: 106 - 111.
 5. Shihail Jinna, **Ujjwala Gaikwad**. Proactive Environmental Surveillance of *Legionella pneumophila* in Distal Water Supplies of a Hospital for Early Identification and Prevention of Hospital Acquired Legionellosis. *Indian J Med Research* 2018; 147(June):611-14.
 6. **Gaikwad UN**, Basak S, Kulkarni P, Sande S, Chavan S, Mudey G, Tankhiwale N, Fule R, Gaikwad N. Educational intervention to foster best infection control practices among healthcare workers International Journal of Infection 2018; July 5(3): e81531.
 7. Pinaki Chattopadhyay, Pratibha Narang, **Ujjwala Gaikwad**, Rahul Narang, Deepak Kumar Mendiratta. Standardisation and Evaluation of Direct MTT Rifampicin Tube Assay for Sputum against Smear Grading, Volume and Turnaround Time. *Journal of Clinical and Diagnostic Research* 2019; 13(4): DC05-DC09.
 8. **Negi SS**, Singh P, Chandrakar S, Gaikwad U, Das P, Bhargava A, *et al.* Diagnostic evaluation of multiplex real time PCR, GeneXpert MTB/RIF assay and conventional methods in extrapulmonary tuberculosis. *J Clin Dia Res.* 2019;13: DC12-DC16.
 9. **Negi SS**, Singh P, Bhargava A, Chandrakar S, Gaikwad U, Das P, *et al.* Effective pragmatic approach of diagnosis of Multidrug resistant tuberculosis by high resolution melt curve assay. *Int J Mycobacteriol.* 2018 Jul-Sep;7(3):228-235.
 10. N Ingole, Y Keche, **A Wankhade**, S Chandraker Prescription analysis of drug prescribed in post-operative period in a teaching hospital in Bhilai, Chhattisgarh, India *International Journal of Research in Medical Sciences* 6 (8), 2763-276.
 11. N Bankar, **A Wankhade**, RB Bramhane, R Hathiwala, DH Chandi Bacteriological Profile of pus/wound swab Andantimicrobial Susceptibility of Staphylococcus Aureus Isolated from of pus & wound swab of Indoor Patients of Tertiary Care ...*International Journal of Innovative Research in Medical Science* 3 (04), 1976 .
 12. R Hathiwala, **AB Wankhade**, P Dhandale Bacteriological Profile of Semen Specimens in Infertile Males *JMSCR* 6 (4), 831-837.
 13. Hathiwala R, **Wankhade AB**, Dhandale P. Cryptococcal meningitis in an immunocompetent patient - missed diagnosis - a case report. *J Microbiol Exp.* 2018; 6(2):117-119.
 14. Hathiwala R, **Wankhade AB**, Dhandale P, Bankar N .Antibiogram Study of Clinical Isolates of Enterococcus in a Tertiary Care Teaching Hospital *National Journal of Laboratory Medicine.* 2018, Jul, Vol-7(3): MO01-MO05.
- List of **edited books and monographs**.
1. **Dr. Ujjwala Gaikwad-Editor for** – Workshop manual of 1st State level Hands-on workshop on “Hospital Infection Control” on 8.08.2018 – 11.08.2018.

PATIENT CARE

- Started 24 hour laboratory service and streamlined the workflow for catering to emergency tests and maintaining the turn around time for each test.
- Added a lot more new tests to existing available test list to improve the diagnostic facility of the institution.
- Efforts have been made for providing some high end test provisions like molecular viral diagnostics, newer molecular techniques for tuberculosis, new serological diagnostics for various test parameters encompassing wide spectrum of infections, anaerobic culture facility and automations which can cater to varieties of infectious disease spectrum in patients attending AIIMS, Raipur as well as provide technical support to the state health system.
- Department is extending diagnostic help to other hospitals in the state at the time of need as and when decided by the administration.
- Continuous active surveillance for Hospital acquired infections among admitted patients at AIIMS Raipur as a part of Hospital Infection control activity.

AWARDS, HONOURS AND SIGNIFICANT EVENTS

1. Dr. Anudita Bhargava was made a member of the State Health Resource Centre's (SHRC) Governing Board.
2. Selection of scientific paper of Dr. Ujjwala Gaikwad on 'Faecal calprotectin as a non invasive inflammatory marker to distinguish bacterial and viral diarrhea in children: a pilot study' **among the top two papers** for IAMM award category for "Dr. SR Sengupta- Dr. AM Saoji memorial prize for Best Paper (oral) in Immunology" during 'MICROCON 2018', the 42nd Annual conference of IAMM, organized by NIMHANS, Bangalore.



Two MBBS students received Second Prize in State level intercollegiate undergraduate Microbiology Quiz during CGMICROCON, the 2nd annual conference of CAMM on 8.09.2018 and 9.09.2018.



First “State level Hands-on Workshop on Hospital Infection Control” from 8.08.2018 -11.08.2018 at AIIMS Raipur.



State Level CME on “Recent Updates in Swine Flu” on 31st March 2019 at AIIMS, Raipur

NEONATOLOGY

Assistant Professor

Dr. Phalguni Padhi

LECTURES DELIVERED AT CMEs, NATIONAL & INTERNATIONAL CONFERENCES

Name of Faculty Member: Dr. Phalguni Padhi

S. No.	Title of talk	Name of the CME/ Conference	Date	Organized by
1.	Recent updates in neonatal sepsis	Annual Clinical Update	18.04.2018	JLN Hospital and Research Centre, Bhilai, Chhattisgarh
2.	Breastfeeding in special situations	CME on breastfeeding	04.08.2018	JLN Hospital and Research Centre, Bhilai, Chhattisgarh
3.	Breastfeeding – COMMON PROBLEMS	BREASTFEEDING WEEK CELEBRATION	01.04.2018-05.04.2018	AIIMS Raipur, Chattisgarh
4.	APPROACH TO IEM	CME and Genetic disorders and IEM	21.09.2018	AIIMS Raipur, Chattisgarh
5.	Delivery room and neonatal emergencies and management	Internship induction programme	04.01.2019	AIIMS Raipur
6.	LBW BABIES AND THEIR MANAGEMENT	KMC WORKSHOP	5.01.2019-6.01.2019	UNICEF, Raipur
7.	KMC	KMC WORKSHOP	5.01.2019-6.01.2019	UNICEF, Raipur

RESEARCH

Collaborative Projects

Ongoing

S. No.	Title of the Project
1.	Correlation between abnormal CTG and Cord ABG-DEPT OF OBS & GYNIC
2.	Renatal diagnosis of congenital anomalies-prevalence, pattern and perinatal outcome-DEPT OF OBS & GYNIC

AWARDS, HONOURS AND SIGNIFICANT EVENTS

1. Organized celebration of breast feeding Week from from 1.08.2018 to 5.08.2018.
2. Treasurer in “CME and workshop on Allergy and Childhood Asthma February 2019.
3. Treasurer in “CME and Genetic disorders and IEM on 21.09.2018.

NUCLEAR MEDICINE

Professor and Head

Dr. Karan Peepre

Assistant Professor

Dr. Mudalsha Ravina

HIGHLIGHTS

Department of Nuclear Medicine was inaugurated on 9th July. SPECT scans were started in August 2018. So far the department has completed more than 1200 scans. Apart from that the department is doing low dose radioiodine, samarium therapy for bone pain palliation. We also have thyroid probe, TMT equipment for nuclear cardiology scans. the

department has prepared specifications for PET-CT equipment which is installed and 'the department has awaiting license for the same. 'the department radioiodine ward and in vitro lab are approved by AERB and awaiting its construction. Future plan is installation of cyclotron and PET MR.

EDUCATION

MD and PhD programme have been started in Nuclear Medicine department.

LECTURES DELIVERED AT CMEs, NATIONAL & INTERNATIONAL CONFERENCES

S. No.	Title of talk	Name of the CME/Conference	Date	Organized by
1.	DMSA V tumor imaging	AOCNMB Shanghai	9.05.2019 -11.05.2019	AOFNMB Shanghai
2.	Myocardial imaging and cardiac failure	WICC Mumbai	22.02.2019 -24.02.2019	WICC Mumbai

RESEARCH

Departmental Projects (including thesis/dissertations)

S. No.	Title of the Project
1.	Role of Trodat imaging in differentiating parkinsons disease and drug induced parkinsons
2.	Role of FDG PET CT in assessment of viability in CAD induced LV dysfunction

Collaborative Projects

Ongoing

S. No.	Title of the Project	Collaborating Department/Institution
1.	Assessment of splenic dysfunction in sickle cell disease in children	Pediatrics
2.	Application of radionuclide scan in patients with TMJ arthritis: prospective observational pilot study	Dentistry

PUBLICATIONS

- Peepre K**, Borkar N, Jondhale SN, **Ravina M**, Moideen A, Yadav V, Dey S. Unusual presentation of jejunal hemangioma on Tc-99m pertechnetate scan with single-photon emission computerized tomography-computed tomography. World Journal of Nuclear Medicine. 2019; 18:310-3

NEUROSURGERY

Assistant Professor

Dr. Anil Kumar

Dr. Nehete Lokesh Suresh

HIGHLIGHTS

In this academic year (02.02.2019), the Department of Neurosurgery organized the first Annual Brain Tumour Symposium focused on learning newer advances in the field of neurooncology.

The department of Neurosurgery started functioning since sep. 2017. Within a short period of time the department has become a specialized centre and is able to cater to almost

all neurosurgical diseases affecting the cranium, spine and peripheral nervous system with world class treatment. Within few months of inception of neurosurgery department, neurosurgical care expanded to complex skull base surgeries, CVJ and spine surgeries, endoscopic skull base, awake brain surgery, neurooncology, vascular and trauma patients.

CMEs/WORKSHOP/SYMPOSIA/NATIONAL & INTERNATIONAL CONFERENCES

Name of Faculty member: Dr. Anil Kumar Sharma

- Invited Faculty- Endoscopic endonasal approach for anterior circulation Cerebral Aneurysms: Current Understanding” presented at the Cost-Effective Use of Technology in Health-Neurosciences (CEUTH-Neurosciences) March 2019
- ‘Neuro-oncology: Our initial surgical experience’ presented at the 1st Annual Brain Tumor Symposium, AIIMS, Raipur, Feb 2019
- ‘Bilateral Mirror Meningioma at Foramen magnum: Management Challenge of a very rare case’ presented at the Annual conference of skull base society of India, SKULLBASECON 2018, Ludhiana
- ‘Correlation of the functional outcome with radiological changes in the syringomyelia’ presented at the Annual conference of skull base society of India, SKULLBASECON 2018, Ludhiana
- 26th Annual Conference of Indian Academy of Neurology (IANCON- 2018), Raipur
- Neuroendoscopy (Brain & Spine) workshop and 17th Neuroendoscopy Fellowship Programme, April 2018, Department of Neurosurgery NSCB Govt. Medical College, Jabalpur (MP)
- NSICON (Annual conference of Neurological Society of India) 2018, Jaipur.

Name of Faculty Member: Dr. Nehete Lokesh Suresh

- “2nd NIMHANS Advanced Microvascular Anastomosis workshop, 10.08.2018 to 12.08.2018, Department of Neurosurgery NIMHANS Bangalore Karnataka
- “Live Neuroendoscopy (Brain & Spine) Workshop, 19.09.2018 to 23.09.2018, Department of Neurosurgery NSCB Govt. Medical College, Jabalpur (MP)
- National Symposium on “1st Annual Brain Tumour Symposium” 2.02.2019 AIIMS, Raipur

LECTURES DELIVERED AT CMEs, NATIONAL & INTERNATIONAL CONFERENCES

Name of Faculty Member: Dr. Anil Kumar Sharma

S. No.	Title of talk	Name of the CME/ Conference	Date	Organised by
1.	“Bilateral Mirror Meningioma at Foramen Magnum- Management Challenge of a very rare case”	20 th Annual Conference of Skull Base Surgery Society of India	01.11.2018 to 03.11.2018	Department of Neurosurgery Dayanand Medical College Ludhiana Punjab
2.	“Corelation of Functional outcome with radiological changes in syringomyelia	20 th Annual Conference of Skull Base Surgery Society of India	01.11.2018 to 03.11.2018	Department of Neurosurgery Dayanand Medical College Ludhiana Punjab
3.	Neuro-oncology: Our initial surgical experience	National Symposium on “1 st Annual Brain Tumour Symposium”	2.02.2019	AIIMS, Raipur
4.	Endoscopic Endonasal Approach to Cerebral Aneurysm: Current Understanding	CEUTH (Cost Effective Use of Technology in Health)- Neurosciences AIIMS	28.03.2019 to 31.03.2019	CEUTH, GOA

RESEARCH

Funded Projects

Title of the Project	Name Principal Investigator	Funding Agency	Duration (years)	Start year-End year	Total funds sanctioned (Rs.)
“Anatomic study and clinical significance of the endoscopic endonasal to the anterior communicating artery complex”	Dr. Anil Kumar Sharma	AIIMS, Raipur (Intramural)	01	2018-2019	5,00,000/-

PUBLICATIONS:

- Kumar A**, Pruthi N, Devi BI, Gupta AK. Response of syrinx associated with Chiari I malformation to posterior fossa decompression with or without duraplasty and correlation with functional outcome: A prospective study of 22 patients. J Neurosci Rural Pract 2018
- Kumar Anil**, Pruthi, Nupur, Bhagavatula, Indira, K. Gupta, Arun. (2018). Functional Outcome for Chiari Malformation Using a Novel Scoring System. Indian Journal of Neurosurgery. 10.1055/s-0038-1649332.
- Deora Harsh, **Sharma Anil**, Rao, K. V. L. N., Somanna, Sampath, V. Vikas, Needle in a haystack: migration of ventriculoperitoneal shunt into scrotum of infant, Egyptian Journal of Neurosurgery, 2018 May ,33,1,9
- Nehete LS, **Kumar A**, Chavali P, A. RP, Devi BI (2018) Fulminant acanthamoebic meningoencephalitis in immunocompetent patients: an uncommon entity. British journal of neurosurgery: 1-4
- Kumar Anil**, Nehete L, Chaturvedi J, Hussain N. Retrobulbar lymphangioma: A rare case report.

- Asian J Neurosurg 2018;13: 1292-4
6. Chaturvedi J, Basu G, Singh D, Singh N, **Sharma A**, Deora H, Dikshit P. Intraventricular meningioma: Neurosurgical challenge worth taking. *Interdisciplinary Neurosurgery*. 2018 Nov 15, 10.1016/j.inat.2018.10.019.
 7. **Kumar A**, Nehete L, Chaturvedi J, Hussain N. Large Giant Cell Tumor at Dorsal Spine with Spinal Instability. *J Spinal Surg* 2018;5(4):174-177.
 8. **Kumar A**, Chaturvedi J, Deora H. **Endoscopic endonasal clipping of cerebral aneurysms:** started from the bottom, now we here!. *Journal of neurosurgical sciences*. 2018 Dec.
 9. **Kumar A**, Garozzo D, Shukla D. Indiscriminate use of intramuscular injections: An unforeseen public health hazard. *Neurology India*. 2019;67(7):92-3.
 10. **Kumar A**. Manual of peripheral nerve surgery: From the basics to complex procedures. *Neurology India*. 2019;67(7):159-.
 11. **Kumar A**, Devi Bl. Enigma in management of plexiform neurofibromas of bilateral brachial and lumbosacral plexuses: Shall we let nature take its course?. *Neurology India*. 2019 Jan 1;67(7):154.
 12. **Kumar A**, Banerjee S. Near complete block of spinal canal and thoracic myelopathy due to tuberos ossification of ligamentum flavum in a 32 year old female. *Interdisciplinary Neurosurgery*. 2019 Jan 17.
 13. **Kumar A**, Shukla D, Bhat DI, Devi Bl. Iatrogenic peripheral nerve injuries. *Neurology India*. 2019 Jan 1;67(7):135.
 14. **Kumar A**, Gopalakrishnan MS, Beniwal M. Role of surgery in radiation induced brachial plexus neuropathy. *Neurology India*. 2019 Jan 1;67(7):53.
 15. **Anil Kumar**, Jitender Chaturvedi, Harsh Deora, Unilateral visual loss after spine surgery: Lesson to be learnt from unexpected devastating complication, *Interdisciplinary Neurosurgery*, 2019, ISSN 2214-7519, <https://doi.org/10.1016/j.inat.2019.03.005>.
 16. Fulminant acanthamoebic meningoencephalitis in immunocompetent patients: an uncommon entity. **Nehete LS**, Kumar A, Chavali P, A R P, Devi Bl. *Br J Neurosurg*. 2018 Jul 23: 1-4. doi: 10.1080/02688697.2018.1485873.
 17. Use of Intraoperative X-ray to differentiate between reducible versus irreducible atlantoaxial dislocation. Pruthi N, **Nehete LS**. *SurgNeurol Int*. 2018 Jun 18;9:121.
 18. Can the position of the vertebral artery be predicted on a lateral view X-ray of the craniovertebral junction? A radiological anatomy study. Pruthi N, **Nehete L**, Maity T, Dawn R, Ravindranath Y, Ravindranath R, Philips M. *SurgNeurol Int*. 2018 Jun 26;9:124.
 19. Uncommon Presentation of Ankylosing Spondylitis – Primary Stenosis At C1 Arch. **Lokesh Nehete**, Bhagvatula I, Konar S, Reddy V, Singh P, *J Spinal surgery* 2018;5(3) : 135-137

Editorial Responsibilities

Name of Faculty Member: Dr. Anil Kumar Sharma (MBBS, MS, MCh)

Editorial Board Member: International Journal of Neurosurgery (IJN)

Reviewer in various international and national journals

Conferences Organized

- **Organizing Secretary** - 1st Annual Brain Tumor Symposium, AIIMS, Raipur, Feb 2019
- **Co-organizing Secretary** - Cost-Effective Use of Technology in Health-Neurosciences (CEUTH-Neurosciences) March 2019

PATIENT CARE

Department is well equipped with latest neurosurgical equipments. The department caters to almost all neurosurgical diseases affecting the cranium, spine and peripheral nervous system.

AWARDS, HONOURS AND SIGNIFICANT EVENTS

Department of Neurosurgery organized 1st Annual Brain Tumour Symposium and witnessed national luminaries from various institute of excellence like, AIIMS, PGIMER, NIMHANS, SGPGI amongst others.



NEUROLOGY

Assistant Professor

Dr. Surendra Kumar
Dr. Mritunjai Kumar
(Joined on 04.09.2018)

HIGHLIGHTS

The department of Neurology started functioning since March 2018. We have started NCV/EMG/EP test and EEG test.

The department has started 30 bed neurology ward with occupancy rate of more than 80%

persistently. The department has have procured 4 ventilators for our HDU and planning to start full fledged neurological ICU. The department is are routinely doing various ward procedures like nerve and muscle biopsies, central lines etc.

CMEs/WORKSHOP/SYMPOSIA/NATIONAL & INTERNATIONAL CONFERENCES

- **Stroke Interaction Program**- First step towards AIS (Acute Ischemic Stroke) Treatment, AIIMS, Raipur, 26.07.2018.
- **Vasa concept** as “re –reorganization of the self organized brain for recovery of lost sensory motor control using affected brain itself and paretic body as a window to the brain and gravity as the three most potent tools”. AIIMS Raipur, 03.11.2018.

LECTURES DELIVERED AT CMEs, NATIONAL & INTERNATIONAL CONFERENCES

S. No.	Authors	Title of Presentation	Name of the Conference	Date	Organized by
1.	Dr. Mritunjai	Role of serial nerve conduction study in prognosticating GuillianBarre syndrome.	IANCON, held at Raipur	27.09.2018 - 30.09.2018	Indian Academy of Neurology, Raipur
2.	Dr. Mritunjai	Hypovolemia induced stroke in patients with Tubercular meningitis.	International TBM consortium meeting	28.02.2018	SGPGIMS Lucknow
3.	Dr. Surendra	Role of Vit K polymorphism in cortical sinus thrombosis	IANCON, held at Raipur	27.09.2018 - 30.09.2018	Indian Academy of Neurology, Raipur

PUBLICATIONS

1. Misra UK, Kalita J, **Kumar M**. Safety and Efficacy of Fludrocortisone in the Treatment of Cerebral Salt Wasting in Patients with Tuberculous Meningitis: A Randomized Clinical Trial. Journal of the American Medical Association-Neurology. 2018; 75(11): 1383-1391.
2. Misra UK, Kalita J, **Kumar M**, Neyaz Z. Hypovolemia due to cerebral salt wasting may contribute to stroke in tuberculous meningitis. QJM-An International Journal of Medicine. 2018; 111(7): 455-460.
3. Misra UK, Kalita J, **Kumar M**, Tripathi A. A study of atrial and brain natriuretic peptides in tuberculous meningitis and acute encephalitis. International Journal of Tuberculosis and Lung Disease. 2018; 22(4): 452-457.
4. Kalita J, **Kumar M**, Misra UK. Role of IV Immunoglobulin in Indian Children with

- Guillain-Barré Syndrome. *Pediatric Critical Care Medicine*. 2019; 20(7): 652-659.
5. Kalita J, **Kumar M**, Misra UK. Prospective comparison of acute motor axonal neuropathy and acute inflammatory demyelinating polyradiculoneuropathy in 140 children with Guillain-Barré syndrome in India. *Muscle Nerve*. 2018; 57(5): 761-765.
 6. Kalita J, Vibhute A, **Kumar M**, Misra UK. Myelopathy in West Nile virus encephalitis: Report of a case and review of literature. *The Journal of Spinal Cord Medicine*. 2018; 20: 1-5.
 7. Misra UK, **Kumar M**, Kalita J. Seizures in tuberculous meningitis. *Epilepsy Research*. 2018; 148: 90-95.
 8. Misra UK, Kalita J, **Kumar M**, Pradeep M. Authors' Reply to Rana et al. "Efficacy and Safety of Intravenous Tenecteplase Bolus in Acute Ischemic Stroke: Results of Two Open-Label, Multicenter Trials". *American Journal of Cardiovascular Drugs*. 2019; 19(2): 223-224.
 9. **Kumar M**, Kalita J, Misra UK. Renal salt wasting in Guillain-Barré syndrome. *Postgrad Med J*. 2019 Aug 2; postgradmedj-2019-136870. [Epub ahead of print]
 10. Misra UK, Kalita J, Tripathi A, **Kumar M**. Oxidative and endoplasmic reticulum stress in tuberculous meningitis related seizures. *Epilepsy Research*. 2019; 156:106160.
 11. Kalita J, **Kumar M**, Misra UK. Role of IV Immunoglobulin in Indian Children with Guillain-Barré Syndrome. *Pediatric Critical Care Medicine*. 2019; 20(7): 652-659.
 12. Ramakrishnan TCR, Kumaravelu S, **Kumar M** et al; Tenecteplase in Stroke Investigators. Efficacy and Safety of Intravenous Tenecteplase Bolus in Acute Ischemic Stroke: Results of Two Open-Label, Multicenter Trials. *Am American Journal of Cardiovascular Drugs*. 2018; 18(5): 387-395.
 13. **Kumar S**, Dubey AK, Kalita J, Misra UK. The role of clinical variables and VKORC1 polymorphism in efficacy and stability of acenocoumarol in neurological patients. *Journal of Neurosciences in Rural Practice*. 2018; 9: 186-92.
 14. Paliwal VK, Rai AS, **Kumar S**, Verma R, Agarwal V. Proximal Muscle Weakness with Overlying Hypokalemic Periodic Paralysis in Sjögren Syndrome: Report of 6 Cases. *Journal of Clinical Rheumatology*. 9000; Publish Ahead of Print. Available from: https://journals.lww.com/jclinrheum/Fulltext/publishahead/Proximal_Muscle_Weakness_With_Overlying.99293.aspx.

PATIENT CARE

The department has started 30 bed neurology ward with occupancy rate of more than 80% persistently. We have procured 4 ventilators for department's HDU and planning to start full fledged neurological ICU. We are routinely doing various ward procedures like nerve and muscle biopsies, central lines etc. the department has started NCV/EMG/EP test and EEG test. the department is currently running 3 special OPDs namely: epilepsy clinic, movement disorder clinic and stroke clinic.

NEPHROLOGY

Assistant Professor

Dr. Vinay Rathore
(Joined on 11.03.2019)

HIGHLIGHTS

- 1. OPD services:** Department of Nephrology started its OPD services from 25.03.2019.
- 2. Inpatient services:** Initially, inpatient services were provided in collaboration with the Department of Medicine. Now the department has started ten bedded in-services facility.
- 3. Renal Biopsy:** Department has started Renal biopsies for diagnosing various renal diseases.
- 4. Dialysis:** Acute peritoneal dialysis has been started for patients with acute kidney injury in ICUs and HDUs. For patients with Chronic kidney diseases, Continuous Ambulatory Peritoneal Dialysis (CAPD) have been started.
- 5.** Attended meeting called by Department of Health and Family Welfare, Chhattisgarh about SupebedaCKD cases in Gariaband district, Chhattisgarh as a Technical expert.

EDUCATION

Started Classes for Junior Residents in the department of Nephrology.

PATIENT CARE

- 1. OPD services:** Department of Nephrology started its OPD services from 25.03.2019. Till now, 791 patients with varied renal disorders and Renal transplant recipients have been seen in OPD with an average of 15 patients per day.
- 2. Inpatient services:** Initially, inpatient services were provided in collaboration with the Department of Medicine. Now the department has started ten bedded in-services facility where 40 patients have been admitted till date
- 3. Renal Biopsy:** Department has started Renal biopsies for diagnosing various renal diseases. Thirty renal biopsies have been performed in two months.

Dialysis: Acute peritoneal dialysis has been started for patients with acute kidney injury in ICUs and HDUs. Till now ten acute peritoneal dialysis have been done. For patients with Chronic kidney diseases, Continuous Ambulatory Peritoneal Dialysis (CAPD) have been started.

OBSTETRICS AND GYNAECOLOGY

Professor and HOD

Dr. Sarita Agrawal

Associate Professors

Dr. Nilaj Bagde

Dr. Vinita Singh

Dr. Prasanta Kr. Nayak

Dr. Pushpawati

Dr. Chandrashekhar Shrivastava

Assistant Professor

Dr. Sarita Rajbhar

HIGHLIGHTS

- Department organized the “CGFETCON “, Live workshop on Obstetrics Ultrasound Dept. Of Obstetrics & Gynecology in collaboration with Society of Fetal Medicine on 14.04.2018 & 15.04.2018 at AIIMS, Raipur.
- Continuous Trainings on cervical cancer screening, trained- > 100 faculties of state

medical colleges Staff nurses/ medical officers/ HCW.

- Screening programme- breast & cervical cancer screening & awareness.
- Comprehensive Learning on Menopause for PG Students Indian Menopause Society Gurukul programme, 01.12.2019, AIIMS Raipur.



EDUCATION

10 postgraduate Students have joined the department and besides regular and scheduled teaching of undergraduate students regular academic activities of academic junior and senior residents are conducted in the department.

LECTURES DELIVERED AT CMEs, NATIONAL & INTERNATIONAL CONFERENCES

Name of Faculty Member: Dr. (Prof.) Sarita Agarwal

S. No.	Title of talk	Name of the CME/ Conference	Date	Organized by
1.	Organizing chairman	Live workshop on Obstetrics Ultrasound Dept. Of Obstetrics & Gynecology with Society of Fetal Medicine	14.04.2018 & 15.04.2018	AIIMS, Raipur
2.	Panel discussion- Domestic Violence Against Women & Empowering Women	The FOGSI International Women's Health Summit	01.06.2018 - 03.06.2018	FOGSI, Gurugram New Delhi (NCR)
3.	Invasive Prenatal Diagnostic Technique	FOGSI ISPAT Conference on Genetics & Fetal Medicine GFMCON 2018	16.06.2018 -17.06.2018	FOGSI Patna
4.	PCOS through the cycle of Life	Endocrinology. 2018 . Bridging Excellence Between Gynecology & Endocrinology.	24.06.2018	PCOS Society of India, Gurugram New Delhi (NCR)
5.	Obstetric Hysterectomy: To do or not to do?	International Conference on Critical Care in Obstetrics & Gynecology	28.06.2018 to 02.07.2018	FOGSI Bangalore
6.	Cancer in women	National coal field conference	July 2018	COAL FIELD MEDICAL ASSOCIATION, Ranchi
7.	Providing Comprehensive Healthcare Response to Survivors of violence	CEHAT	30.08.2018 to 01.09.2018	CEHAT NGO, Mumbai
8.	Panel Discussion – Managing Disasters in gynec endoscopic surgeries	STAR 2018 Regional Meeting of International Society of Gynecologic Endoscopy In Association with IAGE	06.09.2018 to 10.09.2018	International Society of Gynecologic Endoscopy, Pune
9.	Jaundice in pregnancy	AOGCG 18 CG State conference.	15.09.2018 -16.09.2018	AOGCG, Raipur
10.	Setting up an IUI facility	CG chapter ISAR conference	7.10.2018	CG chapter ISAR Bhilai

S. No.	Title of talk	Name of the CME/Conference	Date	Organized by
11.	faculty in Critical workshop demonstration on venturi mask & BLS	FIGO XXII World Congress of Obstetrics & Gynecology	14.10.2018 to 19.10.2018	FIGO, Rio De Janeiro, Brazil
12.	Comprehensive Learning on Menopause for PG Students	Indian Menopause Society Gurukul programme	01.12.2018	AIIMS, Raipur
13.	Vulvovaginal Dystrophies and atrophy	Annual state Conference of IMS Raipur Chapter MENOPAUSECON-2018	8.12.2018 & 9.12.2018	IMS CG State Chapter Raipur
14.	1. Fertility enhancing hysteroscopic surgeries 2. Managing an ART Pregnancy- panelist	CG Chapter of ISAR & Raipur association of Obstetrics & Gynecology	19.01.2019 & 20.01.2019	AOGCG Raipur Chapter
15.	Organizing chairman	Workshop on Patient Safety & Quality Care Committee of Patient Safety & Quality Care, AIIMS, Raipur	04.02.2019 & 05.02.2019	AIIMS, Raipur

Name of Faculty Member: Dr. Nilaj Kumar Bard

S. No.	Title of talk	Name of the CME/Conference	Date	Organized by
1.	Organizing secretary	Live workshop on Obstetrics Ultrasound Deptt. Of Obstetrics & Gynecology with Society of Fetal Medicine	14.04.2018 & 15.04.2018	AIIMS, Raipur
2.	Chairperson	"FOGSI Gestosis-2018"	27.07.2018 - 29.07.2018	FOGSI Nagpur Chapter

Name of Faculty Member: Dr. Vinita Singh

S. No.	Title of talk	Name of the CME/Conference	Date	Organized by
1.	WORKSHOP INCHARE	Live workshop on Obstetrics Ultrasound Deptt. Of Obstetrics & Gynecology with Society of Fetal Medicine	14.04.2018 & 15.04.2018	AIIMS, Raipur
2.	Fluid and Nutritional therapy in postoperative patients.	AOGCG 18 CG State conference.	15.09.2018 & 16.09.2018	AOGCG Raipur

Name of faculty member: Dr. Prasanta Kumar Nayak

S. No.	Title of talk	Name of the CME/conference	Date	Organized by
1.	Endometriosis; updating the management protocols	National conference of, ICOG-FOGSI-PPP-2018, Hyderabad	17.11.2018	HICC, Hyderabad
2.	Gynaecological Oncology Panel	18 th CG State conference. Raipur	16.09.2018	AOGCG Raipur

LIST OF ORAL PAPERS/POSTERS PRESENTED

S. No.	Authors	Title of Presentation	Name of the Conference	Date	Organized by
1.	Dr. Sarita Agrawal	Prevalence of Gestational Diabetes Melitus (GDM)in Women Attending ANC Clinic at Tertiary Care Centre	FIGO XXII World Congress of Obstetrics & Gynecology	14.10.2018 to 19.10.2018	FIGO, RIO, Brazil
2.	Dr. Esha Das, Dr. Nilaj K Bagde	Endocervical Squamous cell Carcinoma in a Post Menopausal Woman Spreading to the Endometrium: A Case Report	AOGCG 18 CG State conference.	15.09.2018 -16.09.2018	AOGCG Raipur
3.	Dr. Aparna Verma, Dr. Vinita Singh, Dr. Pushpawati	Primary Mucinous Cyst Adenocarcinoma of ovary with Pseudomyxoma Peritonei- A case report	MENOPAUSECON-2018	8.12.2018 & 09.12.2018	IMS Raipur
4.	Dr. Zamir, Dr. Vinita Singh	Syphilis in Pregnancy,	AOGCG 18 CG State conference.	15.09.2018 -16.09.2018	AOGCG Raipur
5.	Dr. Pawan Bhargav, Dr. Pushpawati, Dr. Vinita Singh	Acute Pancreatitis in Pregnancy	AOGCG 18 CG State conference.	15.09.2018 -16.09.2018	AOGCG Raipur
6.	Dr. Chaitra Narayan, Dr. Vinita Singh	A rare case of Pregnancy with Bilateral Germ Cell Tumour.	AOGCG 18 CG State conference.	15.09.2018 -16.09.2018	AOGCG Raipur
7.	Dr. Prasanta Kumar Nayak	Comparison of the diagnostic value of pap smear, visual inspection methods and colposcopy in detection of preinvasive lesions of the cervix among women having unhealthy cervix: a cross sectional study at a tertiary care centre in central india."	International conference on Cancer Diagnosis & Treatment" August 2-3, 2018 in Oslo, Norway	02.08.2018 -03.08.2018	Conference series. com Oslo, Norway

S. No.	Authors	Title of Presentation	Name of the Conference	Date	Organized by
8.	Dr. Pushpwati	Effectiveness of awareness programme on knowledge, attitude and practices for early detection and prevention of cervical cancer in educated women	5 th international conference of Obst and Gynae	8.10.2018 -10.10.2018	Conference series.com, Zurich

RESEARCH

Funded Projects

Ongoing

S. No.	Title of the Project	Name Principal Investigator	Funding Agency	Duration (years)	Start year-End year	Total funds sanctioned (Rs.)
1	ICMR PCOS TASK FORCE	Dr. Sarita Agrawal Site PI Central zone	ICMR	3 years	2017 – 2020	18,00,000/-
2.	Speech Processing for Ovulation Detection	Dr. Sarita Agrawal	Self	1 year	2018-2019	Nil
3.	Serum testosterone level and semen quality in male patients with sickle cell disease attending Aiims Raipur OPD	Dr. Vinita singh	Intramural	2 years	2018-2020	5,00,000/-
4.	25-OH vitamin D level among female patients attending AIIMS Raipur OPD with menstrual irregularities	Dr. Neelam Tamar Guide Dr. Vinita singh	STS NON-Funded	2 months	2018	Nil
5.	The immunohistochemical biomarker BCL2 expression in malignant and premalignant lesions of uterine cervix and their correlation with human papilloma virus infection	Dr. Prasanta Kumar Nayak	AIIMS, Raipur	1 year	2018-2019	5,00,000/-
6.	Serum 25 Dihydroxy Vitamin D3 level estimation and insulin resistance in women of 18-40 year age group with Polycystic ovarian syndrome.”	Dr. Pushpawati	Intramural Aiims Raipur	1 year	2018	2,29,000/

Completed

S. No.	Title of the Project	Name Principal Investigator	Funding Agency	Duration (years)	Start year-End year	Total funds sanctioned (Rs.)
1.	'Role of saline infusion sonography in infertility" Retrospective observational study:	Dr. Vinita singh	NON-FUNDED	1 Year	2016-2017	Nil
2.	Effectiveness of awareness programme on knowledge, attitude and practices for early detection and prevention of cervical cancer in educated women	Dr. Pushpawati	NON-FUNDED	1 year	2017-2018	Nil

Departmental Projects (including thesis/dissertations)

Ongoing

S. No.	Title of the Project
1.	Pregnancy-Association of low levels of Plasma Protein A levels in Late First Trimester Pregnancies with Small-for-Gestational Age Neonates: A Prospective Observational Study
2.	Effect of exogenous Progesterone on Nuchal Translucency (11-13+6 wks)
3.	Prediction of Preeclampsia by using first trimester uterine artery doppler and PAPP-A
4.	Association of Hypothyroidism with occurrence of Gestational Diabetes Mellitus
5.	Subclinical Hypothyroidism in Women with Polycystic Ovarian Syndrome In 20- 45 Years Age Group And Its Effect On Clinical Characteristics, Biochemical And Hormonal Parameters
6.	Correlation between non reassuring cardiotocography and abnormal cord blood gas analysis

Collaborative Projects

Ongoing

S. No.	Title of the Project	Collaborating Department/Institution
1.	Mini Research Project entitled "Establishment of reference interval for thyroid hormones in the first trimester of pregnancy -a hospital based study"	Department of biochemistry AIIMS Raipur
2.	Testing of microdeletion of genes on y chromosome in male partner of infertility cases	Department of anatomy AIIMS Raipur
3.	The immunohistochemical biomarker BCL2 expression in malignant and premalignant lesions of uterine cervix and their correlation with human papilloma virus infection	Department of Obstetrics & Gynecology AIIMS Raipur
4.	To Study the co-expression of p-16 and ki 67 dual immunostain on cytology smears and its value in detection of cervical cancer precursors in woman from chhattisgarh	Department of Pathology & Lab medicine AIIMS Raipur
5.	Serum testosterone level and semen quality in male patients with sickle cell disease attending AIIMS OPD	Department of Obstetrics & Gynecology AIIMS Raipur

PUBLICATIONS

1. **Singh V**, Mishra B, Sinha S, **Agrawal S**, Thakur P. Role of saline infusion sonohysterography in infertility evaluation. J Hum Reprod Sci 2018; 11:236-41.
2. Sinha S, **Singh V**, Mishra B, Singh A. Comparing the efficacy of visual inspection of cervix with acetic acid and Lugol's iodine with Pap smear cytology in screening for cancer cervix. J Curr Res Sci Med 2018; 4:10-6
3. **Singh V**, Mishra B, Sinha S. A rare Case of Ovarian Fibroma in a Teenage girl. J South Asian Feder Obst Gynaec 2017;9(2):131-133.
4. **Pushpawati 1, Vinita Singh2**, Snehil Sinha3, Amrita Singh4, Labial Agglutination in a Pubertal Girl, Journal of Clinical and Diagnostic Research. 2018 Jan, Vol-12(1): QD01-QD02.
5. Byasdev Mishra, **Vinita Singh***, Mahaija Sahu, Snehil Sinha. Comparitive Study On Saline Infusion Sonography Vs. Conventional Ultrasound in Evaluation of Endometrial Pathology in Patients with Abnormal Uterine Bleeding; International Journal of Current Innovation Research Vol. 4, Issue, 1(A), pp.996-1001, January, 2018.
6. **Nayak PK**, Mukherjee C, Mitra S. The relevance of antral follicle count (AFC) as a marker of ovarian reserve in normal and infertile women in a tertiary care centre in Central India. **International Journal of Reproduction, Contraception, Obstetrics and Gynecology**, [S.I.], v. 7, n. 11, p. 4711-4714, oct. 2018.
7. Sunita Singh, Anjali Pal, Niraj Kumar Srivastava, **Pushpawati Thakur** Level of Awareness and Practices of Women Regarding Breast Cancer in Chhattisgarh, India: An Institution Based Survey. Int J Med. Public Health. 2018; 8(4):145-151

List of *chapters in books*

S. No.	Author(s) of Chapter	Chapter Title	Name of the Editor	Name of the Book	City of Publication	Publisher	Year of Publication
1.	Dr. Sarita Agrawal	Malaria in pregnancy	Dr. Ashok	ICOG Campus	Delhi	ICOG Bulletin	2019

AWARDS, HONOURS AND SIGNIFICANT EVENTS

1. Best paper Award to AllMS Raipur AOGCG 18 CG State conference. 15.09.2018 -16.09.2018. (Dr Pawan B.C. Bhargav, Guide Dr Pushpawati)
2. Best poster award in AOGCG 18 CG State conference. 15.09.2018-16.09.2018. (Dr. Roma Jethani)
3. 1ST& 2nd prize in Oncology quiz in AOGCG 18 CG State conference. 15.09.2018 -16.09.2018.
4. Best Poster Award at Annual state Conference of IMS Raipur chapter MENOPAUSECON-2018, 8.12.2018 & 9.12.2018, Raipur (Dr. Aparna Verma, Guide Dr. Vinita Singh).

PATIENT CARE:

Total footfall of OPD patients	= 28918
Total OPD procedure	= 6703
Total deliveries (LSCS/Vaginal)	=288/463=751
Total admissions in labor room	=1103
Total OT surgeries (Major +Minor)	=740/720=1460
Total departmental ultrasound done	=4907.

OPHTHALMOLOGY

Professor and HOD

Dr. Somen Misra

Additional Professor

Dr. Neeta Misra

Dr. Lubna Khan

Associate Professor

Dr. Ankur K Shrivastava

Dr. Vijaya Sahu

Assistant Professor

Dr. Lipi Chakrabarty

(Till 06.07.2018)

HIGHLIGHTS

The Department of Ophthalmology is a fully functional Department with speciality services available for Glaucoma, Cornea, Oculoplasty, Orbit and Trauma cases. This is besides handling a significant load of Cataract patients with phacoemulsification and Manual Small Incision Cataract Surgery. The Department has a well developed Optometry Unit catering to a large load of refractive error patients.

In the past year, various activities were organized by the Department, especially related to patient awareness issues. The National Eye Donation Fortnight was celebrated from 26.08.2018 to 08.09.2018 with active participation of medical and nursing students. The Fortnight involved

patient education regarding Eye Donation with the help of posters and educative talk in the OPD. It ended with a lecture for faculty members - "Awareness regarding Eye Donation".

The World Glaucoma Week was celebrated from 10.03.2019 to 16.03.2019 with display of banners, posters and daily educative pamphlet distribution with patient interaction regarding glaucoma. Outreach activity was also organized at Jheet PHC where screening of patients was done for glaucoma throughout the week. Activities culminated with a CME on Glaucoma on the last day with 6 eminent speakers specializing in glaucoma and more than 120 delegates registering for it.

EYE DONATION FORTNIGHT (26.08.2018 – 08.09.2018)



POSTER COMPETITION



LECTURE ON EYE DONATION

WORLD GLAUCOMA WEEK CELEBRATION (10.03.2019 – 16.03.2019)



EDUCATION

The Department started MD Ophthalmology course from July 2018 (one intake) and January 2019 (two intakes).

The Department strengthened its Vitreo Retina speciality with the training of Dr. Vijaya Sahu (Associate Professor) in the above speciality at R.P. Centre for Ophthalmic Sciences, AIIMS New Delhi for 6 months.

Keeping in mind the setting up of an Eye Bank in the near future at AIIMS Raipur, a team of 4 Nursing Officers underwent a 10 days' Transplant Co-ordinator's Training Programme at LV Prasad Eye Institute which is apex Institute of Eye Bank Association of India.

There is regular Departmental Case Presentation, Journal Club and Seminar for Ophthalmology Residents.

The Department is involved in Teaching for 4th, 6th & 7th Semesters in the form of Clinics, Tutorials & Lectures.

CMEs / Workshops/Symposia/National and International Conferences

S. No.	Name of Event	Date	Organized by
1.	Eye Donation Fortnight	26.08.2018- 8.09.2018	AIIMS, Raipur
2.	World Glaucoma Week	10.03.2019 – 16.03.2019	AIIMS, Raipur
3.	Glaucoma CME	17.03.2019	AIIMS, Raipur

Lectures Delivered at CMEs, National and International Conferences

Name of faculty member: Prof. (Dr.) Somen Misra

S. No.	Title of talk	Name of the CMEs/ Conference	Date	Organized by
1.	Curriculum development and clinical teaching in Ophthalmology	AIOS, ARC-ICO-APEX CONCLAVE	13.02.2019	Brilliant Convention Centre Indore
2.	Teaching training methodologies for residents and fellows	77 th National Conference of Ophthalmology	15.02.2019	Brilliant Convention Centre Indore

Name of faculty member: Dr. Neeta Misra

S. No.	Title of talk	Name of the CMEs/Conference	Date	Organized by
1.	Awareness regarding Eye Donation	Eye Donation Fortnight celebration	08.09.2018	AIIMS Raipur
2.	An Overview of Glaucoma	CME on "Glaucoma – The Sneak Thief of Sight"	17.03.2019	AIIMS Raipur

Name of faculty member: Dr. Lubna Khan

S. No.	Title of talk	Name of the CMEs/Conference	Date	Organized by
1.	Evaluating Efficiency of Intervention in paediatric cataract	National Conference of Association of Community Ophthalmologists of India	01.09.2018	Association of community Ophthalmologists of India, Digha Midnapore
2.	Ocular surface disorder: An Overview	Symposium on Oculoplasty and ocular surface disorders	18.11.2018	Raipur division Ophthalmic society

Name of faculty member: Dr. Ankur Shrivastava

S. No.	Title of talk	Name of the CMEs/Conference	Date	Organized by
1.	Management of dry eye with newer drugs	CME on dry eye and its management	08.07.2018	Ophthalmic society, Raipur division
2.	Zepto versus manual rhexis	19 th Annual Conference of Chhattisgarh State Ophthalmic society.	15.12.2018	Chhattisgarh State Ophthalmic society, Bilaspur
3.	Creating safe eye hospital environment	77 th Annual Conference of All India Ophthalmological society	16.02.2019	All India Ophthalmological society, Indore
4.	IOL power calculation in different situations	CME on cataract and refractive surgery update	31.03.2019	AIIMS, Bhubaneswar

Oral Papers/Posters presented

S. No.	Authors	Title of Presentation	Name of the Conference	Date	Organized by
1.	Shrivastava A K, Behera P	Precision of refractive predictability of five intraocular lens power calculation formulas in short eyes.	36 th Annual Conference of European Society of Cataract and Refractive Surgery	25.09.2018	European Society of Cataract and Refractive Surgery Vienna, Austria
2.	Shrivastava A K, Nanda S, Misra B	Profile of Ocular malignancies at AIIMS, Raipur.	19 th Annual Conference of Chhattisgarh State Ophthalmic society.	15.12.2018	Chhattisgarh State Ophthalmic society, Raipur
3.	Sahu V., Pandey N.	DSA- High diagnostic and therapeutic value for direct carotid cavernous fistulas management	All India Ophthalmological Society annual conference	14.02.2019	All India Ophthalmological Society, Indore

RESEARCH

Departmental Projects

Ongoing

S. No.	Title of the Project
1.	Study of Astigmatism before and after Pterygium Surgery – A Prospective Observational Study”
2.	Factors Affecting Final Visual Outcome in Mechanical Ocular Trauma at a Tertiary Health Care Centre in Chhattisgarh
3.	Amniotic Membrane onlay Grafting to provide better Corneal healing in miscellaneous conditions
4.	Revision of A-Scan Biometry using “3D Super Formula”
5.	Limbal relaxing incision to minimize astigmatism in cataract surgery
6.	Effect of patient age on the predictive accuracy of intraocular lens power calculation formula: An analysis of seven formulae
7.	Effect of anterior chamber depth on predictive accuracy of intraocular lens power calculation formulae in eyes with axial length less than 22 mm: An analysis of seven formulae

Completed

S.No.	Title of the Project
1.	Comparing the accuracy of different Intra ocular lens power calculation formulae in patients with short axial length
2.	Efficacy of Nepafenac versus Flurbiprofen in maintaining intraoperative mydriasis during Phacoemulsification: A Comparative Study

Collaborative Projects

Ongoing

S. No.	Title of the Project	Collaborating Department/Institution
1.	Detection of Subclinical Ocular changes in Paediatric patients of Sickle Cell Diseases of Raipur, Chhattisgarh	Dept. of Physiology, AIIMS Raipur Dept. of Paediatrics, AIIMS Raipur

Completed

S. No.	Title of the Project	Collaborating Department/Institution
1.	Clinico-epidemiological profile and associated audiological and ocular abnormalities in vitiligo patients	Dermatology and ENT, AIIMS Raipur

PUBLICATIONS

1. Verma D, **Shrivastava A K.** The prevalence of Glaucoma: Study from the rural area of Chhattisgarh, India. Ophthalmology and Allied Sciences. Vol4(2):83-87
2. **Shrivastava A K.**, Behera P, Kumar B, Nanda S. Precision of intraocular lens powerprediction in eyes shorter than 22 mm: An analysis of 6 formulas. J Cataract Refract Surg 2018; 44:1317-1320.
3. **Shrivastava A K.**, Nanda S and Misra B. Ocular Malignancy: Current Indian Scenario. Austin Oncol. 2018;3(1): 1017.

PATIENT CARE

A. Facilities available in the Department -

- Regular screening of all Ophthalmic patients
- Refraction
- USG A-scan & B-scan where indicated
- Special services for
 - a. Glaucoma
 - b. Oculoplasty
 - c. Cornea
 - d. Paediatric Cataract
 - e. Ocular Trauma
 - f. Conjunctival grafting for Pterygium
 - g. Retinal screening

B. Community services / Camps -

- Eye Donation Awareness activities (26.08.2018 to 08.09.2018) (Sensitization of OPD patients, Lecture for faculty & students, Poster competition)
- Activities for Glaucoma Awareness (11.03.2019 to 17.03.2019) (Pamphlet distribution and Educative talk for OPD patients Poster competition, CME on Glaucoma)
- Glaucoma screening of patients at PHC Jheet during World Glaucoma Week celebration.

Total OPD	Total IPD	Total OT
26841	778	665

AWARDS, HONOURS AND SIGNIFICANT EVENTS

Name of Faculty Member: Prof. (Dr.) Somen Misra

- 1) AIOS International award for excellence in teaching during 14.02.2019- 17.02.2019 77thNational conference of Ophthalmology at Brilliant convention centre, Indore.
- 2) Prof. C.R. Khaura memorial ACOIN oration award of West Bengal State Society, 20.05.2018, at Kotaghat West Bengal.
- 3) Chaired scientific session on Orbit and Oculoplasty at 77th Annual Conference of All India Ophthalmological society, 14.02.2019 at Brilliant Convention Centre, Indore.
- 4) Judged posters and surgical videos at 19th Annual Conference of Chhattisgarh State Ophthalmic society 2018, 15.12.2018- 16.12.2018.
- 5) Reviewer of Indian Journal of Ophthalmology, Journal of Clinical Ophthalmology and Research, Middle East African Journal of Ophthalmology, Saudi Medical Journal.

Name of Faculty Member: Dr. Ankur K. Shrivastava

- 1) Gold medal for best paper in Community Ophthalmology at 19th Annual Conference of Chhattisgarh State Ophthalmic society 2018.
- 2) Conducted Phacoemulsification skill transfer course at 19th Annual Conference of Chhattisgarh State Ophthalmic society 2018.
- 3) Selected as Chairman Scientific Committee of Association of Community Ophthalmologists of India, CG chapter.
- 4) Moderated session on Infectious keratitis at 19th Annual Conference of Chhattisgarh State Ophthalmic society 2018.

Name of Faculty Member: Dr. Vijaya Sahu

- 1) Under going short term training in surgical and medical retina for 6 months at Dr. R.P. Centre for Ophthalmic Science, AIIMS New Delhi from 1.12.2018.

ORTHOPAEDICS

Professor & Head

Dr. Alok Chandra Agrawal

Assistant Professor

Dr. Harshal Sakale

Dr. Avinash Kumar

(Till 15.05.2018)

Dr. Sandeep Kumar

(Joined on 01.08.2018)

Dr. Bikash Sahoo

(Joined on 19.07.2018)

Associate Professor

Dr. Bikram Keshari Kar

HIGHLIGHTS

The department of Orthopaedics provides quality health care, medical education at graduate and postgraduate level, Orthopaedic training to nursing students, Speciality care of children with congenital club foot, and patients presented with Sports injuries and problem related to Spine and also involved in research activities. The department conducted a National symposium on Pelvic and

Acetabular fractures & Cadaveric workshop in the month of August 2018 almost 150 Orthopaedics surgeons from all over the country attended the symposium. Department had also conducted the First Post Graduate Teaching Course on 15.12.2018 & 16.12.2018. Almost 75 Post graduate students from different institute attended the course and benefited.

EDUCATION

1. The students have been attending clinical meetings along with Raipur Orthopaedic Society. Currently department have 04 postgraduate students.
2. Organised a Two days Post Graduate Teaching Course with practical training to orient our postgraduates in exam methodology.



Director AIIMS Patna, Prof. Dr. G K Singh Inaugurating the First AIIMS Raipur Post-Graduate Teaching Course

CMEs/Workshops/Symposia/National and International Conferences

1. National Symposium on Pelvi-Acetabular fracture and Cadaveric Workshop on 25.08.2018- AIIMS, Raipur (CG).
2. Post Graduate Teaching Course on 15.12.2018 – 16.12.2018- AIIMS, Raipur (CG).
3. Attended CME on “Laws applicable to Hospitals: Case studies on Challenges and Possible Solutions. Organised by AIIMS Raipur on 19.01.2019
4. Participated in Patient Safety and Quality Care Workshop as Faculty on 04.02.2019 and 5.02.2019 at AIIMS Raipur
5. Certificate of Participation in online Point of Care Quality Improvement on 07.02.2019 by WHO and USAID.
6. Awarded 23 European CME Credits ECMEC’s for attending 39th SICOT OWC Canada 10.10.2018-13.10.2018
7. Completed training for Cadaveric Lab Shoulder during SICOT OWC Canada.
8. Attended and Completed A O spine advanced Seminar India Raipur on 24.11.2018

Lectures delivered at CMEs, National and International conferences

Name of faculty member: Prof. (Dr.) Alok Chandra Agrawal

S. No.	Title of talk	Name of the CME/conference	Date	Organized by
1.	Pelvic Fracture: The problem and current scenario	National Symposium on Pelvic and acetabular fractures and Cadaveric Workshop	25.08.2018	AIIMS Raipur
2.	1. Multiple spotters covering finer aspects of orthopaedic ward rounds 2. Multiple spotters and combined faculty discussion	Post Graduate Teaching Course	15.12.2018-16.12.2018	AIIMS Raipur
3.		39 th SICOT Orthopaedics World Congress	10.10.2018-13.10.2018	SICOT, Montreal Canada
4.	Excision of proximal forearm bones as salvage for extracompartmental Malignant Fibrous Histiocytoma of ulna	CGIOACON 2019	23.02.2019 to 24.02.2019	CGIOA, Bilaspur
5.	Management of Recurrence in Giant Cell Tumours	CEZCON 2018	14.09.2018-17.09.2018	CEZIOA, Siligudi

Oral and Poster Presentations:

S. No.	Title of talk	Name of the CME/conference	Date	Organized by
1.	1. Quadruple Osteotomy: A simple approach to treat “O” Deformity in Hypophosphatemic Rickets 2. Management of Idiopathic Clubfoot by Poinsettia Method	CEZCON 2018	14.09.2018-17.09.2018	CEZIOA, Siligudi

S. No.	Title of talk	Name of the CME/conference	Date	Organized by
2.	1. Limb salvage in long bone fractures 2. Excision of Proximal forearm bones as Salvage for Extra compartmental Malignant Fibrous Histiocytoma of Ulna.	CGIOACON 2019	23.02.2019 - 24.02.2019	CGIOA, Bilaspur
3.	1- Can Syndromic Club foot be treated. 2- Can we prevent Complications in limb salvage for bone tumours? 3- Limb Salvage for bone tumors. 4- Excision of proximal forearm bones as a salvage method for extra compartmental malignant fibrous histiocytoma of the Ulna	39 th SICOT Orthopaedics World Congress	10.10.2018 -13.10.2018	SICOT Montreal Canada

Name of faculty member: Dr. Bikram Keshari Kar

S. No.	Title of talk	Name of the CME/conference	Date	Organized by
1.	Acetabular fracture- basic radiology & fracture pattern	National Symposium on Pelvic and Acetabular fractures and Cadaveric Workshop	25.08.2018	AIIMS Raipur
2.	General examination of knee Joint	Post Graduate Teaching Course	15.12.2018 - 16.12.2018	AIIMS Raipur
3.	Approach to cervical spondylitis	Delivered a lecture in APCSS	13.11.2018- 17.11.2018	AIIMS Delhi

Name of faculty member: Dr. Harshal Sakale

S. No.	Title of talk	Name of the CME/conference	Date	Organized by
1.	Pelvic ring fractures basic radiology and fracture pattern special test of Knee	National Symposium on Pelvic and Acetabular fractures and Cadaveric Workshop	25.08.2018	AIIMS Raipur
2.	Special Test of Knee	Post Graduate Teaching Course	15.12.2018 - 16.12.2018	AIIMS Raipur
3.	Role of PRP in OA	IORACON 2018	29.09.2018- 30.09.2018	Indian Orthopaedic Rheumatology Association Jabalpur

Oral and Poster Presentations:

S. No.	Authors	Title of Presentation	Name of the Conference	Date	Organized by
1.	Dr. Harshal S Sakale Prof. (Dr.) Alok C Agrawal	Management of Non-idiopathic CTEV by Ponseti's Method	British Indian Orthopaedic Indian Society (BIOS) Annual Conference, Cedar Court Hotel, Ainley Top, Huddersfield	29.06.2018-30.06.2018	BIOS Huddersfield (U.K.)

Name of faculty member- Dr. Bikas Sahoo

S. No.	Title of talk	Name of the CME/conference	Date	Organized by
1.	CTEV	Post Graduate Teaching Course	15.12.2018 - 16.12.2018	AIIMS Raipur

Oral and Poster Presentations:

S. No.	Title of talk	Name of the CME/conference	Date	Organized by
1.	Management of infected non union of tibia with Ilizarov technique	CEZCON 2018	14.09.2018 -17.09.2018	Siligudi

RESEARCH

Funded projects

Ongoing

S. No.	Title of the project	Name of Principal Investigator	Funding Agency	Duration (years)	Start year-End	Total funds sanctioned (Rs)
1.	Estimation of Plasma Interleukin-33 level in Sickle cell disease patient with hip osteonecrosis	Dr. Alok C. Agrawal	AIIMS Intra Mural Grant	1 Year	March 2018	5,00,000/-
2.	Role of Intrarticular PRP injection in early stage of OA knee	Dr. Harshal Sakale	Intramural project AIIMS Raipur	2 Years	Feb. 2018- Feb. 2020	1,50,000 /-

Departmental projects (including thesis/dissertations)

Ongoing

S. No.	Title of the Project
1.	Comparative study between Supra-scapular nerve block versus platelet rich plasma injection in the treatment of Adhesive Capsulitis of Shoulder joint
2.	Management of clubfoot by Joshi's External Stabilizing system. A comparison between Spring and manual Distractor
3.	Characteristic of foot morphology and their relationship to gender, Age, Body mass index, plantar pressure distribution and bilateral asymmetry in Indian adults with normal and symptomatic foot

S. No.	Title of the Project
4.	Correlation of arthroscopy based femoral intercondylar notch dimensions in patients with anterior cruciate ligament(ACL) tear with MRI based measurements and cadaveric measurements of intercondylar notch with intact anterior cruciate ligament
5.	Management of early presenting fracture neck of femur in young adults: A comparative study between Osteosynthesis with and without fibular Graft.

Collaborative projects

S. No.	Title of the Project	Collaborating department/institution
1.	Impact of selected yoga posture on core muscle in degenerative disk disease without neurological deficit	Department of Anatomy, AIIMS Raipur
2.	Comparative study between dexmedetomidine and dexamethasone adjuvant to levobupivacaine in ultrasound guided supraclavicular brachial plexus block scheduled for upper limb surgery	Department of Anaesthesia AIIMS Raipur
3.	Prevalence, diagnosis and treatment of Nontuberculous Mycobacteria in India: A Multicentric project".	Department of Microbiology/ Orthopaedics/Medicine AIIMS Raipur

PUBLICATIONS:

- Vascularity of femoral head and its assessment after femoral neck fractures **Harshal Sakale, Alok C Agrawal, Bikram Keshri Kar, Bikas Sahoo, Sandeep K Yadav** DOI: 10.4103/jodp.JODP_5_18
- Classification of fracture neck of femur **Bikas Sahoo, Alok C Agrawal, Bikram K Kar, Harshal Sakale, Sandeep K Yadav, Sameer Mittal** DOI: 10.4103/jodp.JODP_15_18
- Early management of fracture neck of femur **Abhishek Jain, Alok C Agrawal, Bikas K Sahoo, Sandeep K Yadav, Bikram Keshri Kar, Harshal S Sakale** DOI: 10.4103/jodp.JODP_8_18
- Pediatric fracture neck of femur **Sandeep K Yadav, Alok C Agrawal, Bikram Keshri Kar, Harshal S Sakale, Bikas Sahoo, Rahul K Chandan** DOI: 10.4103/jodp.JODP_7_18
- Delayed diagnosed femoral neck fractures **Bikram K Kar, Alok C Agrawal, Sandeep K Yadav, Harshal Sakale, Bikas Sahoo** DOI: 10.4103/jodp.JODP_6_18
- Failure of fixation of fracture neck of femur and remedies for management **Sameer Mittal, Alok C Agrawal, Bikram K Kar, Harshal Sakale, Bikas Sahoo, Sandeep K Yadav** DOI: 10.4103/jodp.JODP_10_18
- Technique for the removal of a locking screw from a broken locking plate following cold welding **Alok Chandra Agrawal, Mangesh Mahadeo Chandewar, Rahul Kumar Chandan** DOI: 10.4103/jotr.jotr_26_18
- Transverse terminal upper limb deficiency through the arm: The problem and management **Alok Chandra Agrawal, Harshal Sakale, Sandeep Kumar** DOI: 10.4103/jotr.jotr_39_18
- Quadruple osteotomy: A simple approach to treat "O" deformity in hypophosphatemic rickets **Alok Chandra Agrawal, Bikram Kesari Kar, Harsal Sakale, Avinash Kumar, Rudra Thakur** DOI: 10.4103/jotr.jotr_19_18
- Sakale H, Agrawal AC, Kar B.** Management of infected nonunion of tibia by Ilizarov technique. J Orthop Traumatol Rehabil 2018; 10:1-6.
- Neglected fracture neck of femur: Our experience. Alok C Agrawal** DOI: 10.4103/jodp.JODP_9_18
- Limb Salvage for malignant bone Tumours: Surgical audit in a case of osteogenic sarcoma. **AlokC Agrawal.** DOI: 10.4103/jodp.JODP_1_18

PATIENT CARE

Apr-18 – Mar-19	New OPD Patient	Old OPD Patient	Major OT	Minor OT	Procedure
Total	12503	24946	462	42	4218

AWARDS, HONOURS AND SIGNIFICANT EVENTS

Prof. Dr. Alok C. Agrawal:

1. President Appreciation Award CGIOA on 23.02.2019 at Bilaspur
2. Dr. H R Jhunjhunwala Best Oral Presentation Award during CGIOACON -2019 Bilaspur CG on 23.02.2019-24.02.2019
3. Online Integrity Pledge taken from the website of Central Vigilance Commission of India

Dr. Harshal S. Sakale:

1. Completed British India orthopaedic society- UK (fellow from CG State) fellowship from Medway Maritime NHS trust hospital, Gillingham Kent-UK.
2. Completed fellowship in Arthroscopy and sports medicine from Advance knee and shoulder hospital Ahmadabad.

POSTS OF RESPONSIBILITY:

Dr. Alok C. Agrawal

1. Hon. Secretary Chhattisgarh Chapter of Indian Orthopaedic Association
2. Member, Scientific Committee Raipur Orthopaedic Society
3. Executive By Member – Indian Medical Association, Raipur Branch
4. Editor- Central Zone of IOA
5. Chairman- Medical Education Unit AIIMS Raipur
6. Chairman and Nodal Officer for NOTTO from AIIMS Raipur
7. Chairman , Sports , Committee AIIMS Raipur.

PAEDIATRICS

Additional Prof. & Head

Dr. Anil K. Goel

Additional Professor

Dr. Tushar Jagzape
(Joined on 07.04.2018)

Associate Professor

Dr. Atul Jindal

Assistant Professors

Dr. Tripty Naik
Dr. Sunil Jondhale

HIGHLIGHTS

Department maintaining zero waiting time for newborn and early infants in OPD. Weekly academic activity on every Thursday {3-4 PM} beside CPC with PGI Chandigarh every Monday morning. 03 monthly

training in Pediatrics of Medical Officer (M.O) in the Department. Introduced the One week Induction/ sensitization programme of Academics PG (also Non academics JR) at the joining of PG courses.

EDUCATION

1. The department has successfully participated in internship induction programme and delivered lectures on “how to recognised a sick child in emergency” and hands on demonstration on Pediatric BLS course.
2. Apart from routine lectures and demonstrations, the department also teaches students by students led seminars Peer teaching for the UG students which has benefited the students in patient care.
3. UG students were encouraged to undertake research projects under STS [ICMR] and one student`s project has been selected by ICMR for STS.
4. The department organized IAP UG quiz for students in July 2018.
5. The faculties are also taking regular classes [bedside] of nursing staff to strengthen their skills and knowledge across all disciplines.
6. Regular teaching of common Pediatrics illness was being carried out for Assistant Medical Officers [Rural Medical Officers of Govt. of Chhattisgarh] bi monthly.

CMEs/Workshops/Symposia/National and International Conferences.

Sr. No.	Name of the Event (CME/Workshop/Symposia/National and International Conferences)	Place	Date
1.	CME on genetic disorders and inborn errors of Metabolism	AIIMS, Raipur	21.09.2018
2.	ORS week celebration	AIIMS, Raipur & CHC Jheet	25.07.2018 to 31.07.2018
3.	Breast feeding week celebration	AIIMS, Raipur & CHC Jheet	01.08.2018 to 07.08.2018
4.	Basic Life Support for Interns	AIIMS, Raipur	04.01.2019
5.	CME and Workshop on Allergy and Childhood Asthma	AIIMS, Raipur	16.02.2019

Lectures delivered at CMEs, National and International conferences:

Name of faculty member: Dr. Anil K. Goel

S. No.	Title of talk	Name of the CME/Conference	Date	Organized by
1.	Comprehensive healthcare response to survivors of violence	CEHAT (a research centre of Anusandhan Trust)	30.08.2018	CEHAT Mumbai
2.	Newer Genetic test and management	CME on genetic disorders and IEM	21.09.2018	AIIMS Raipur
3.	Consumer protection act and indemnity	Pedicolegal workshop by IAP	11.11.2018	IAP Raipur
4.	Delivery room and neonatal emergencies and management	CG Pedicon 2018	01.12.2018-02.12.2018	IAP Sirpur CG
5.	Recognition of sick child	Internship induction programme	04.01.2019	AIIMS Raipur
6.	Infectious disease emergencies	EPICON 2019	02.02.2019-04.02.2019	MGM Medical college Mumbai
7.	Airway management	EPICON 2019	02.02.2019-04.02.2019	MGM Medical college Mumbai
8.	Megacode PALS	EPICON 2019	02.02.2019-04.02.2019	MGM Medical college Mumbai
9.	Anaphylaxis- all of us to know	CME and workshop on Allergy and Childhood Asthma.	16.02.2019	AIIMS, Raipur
10.	Recent updates in swine flu	Penal discussion on updates in swine flu	31.03.2019	AIIMS Raipur
11.	RMA Training Module	RMA Training	-	AIIMS, Raipur

Name of faculty member: Dr. Tushar Jagzape

S. No.	Title of talk	Name of the CME/Conference	Date	Organized by
1.	Clinical Features of Rabies.	Mid Term Update on Rabies. Organized by: Department of Pediatrics, Pandit Jawaharlal Nehru Medical College	23.06.2018	Dr. Bhimrao Ambedkar Memorial Hospital, Raipur
2.	Immunotherapy- A promising option to treat Allergic Disorders	CME: Immunity Cross Talk Organized by: Raipur Academy of Pediatrics	30.06.2018	RAP Raipur
3.	Recurrent Respiratory symptoms	Pedineocon Horizon: 49 th MP IAP and 18 th MP NNF state conference	10.11.2018	IAP, Rewa Bandhavgarh, Madhya Pradesh

S. No.	Title of talk	Name of the CME/Conference	Date	Organized by
4.	Respiratory problems in Children	CG- State Pediatric Conference	1.12.2018	CG Academy of Pediatrics Sirpur, Mahasamundh, CG
5.	Acute Encephalitis Syndrome	Pediatric Neurology and Neurodevelopmental Problems in Children. Organized by: Department of Pediatrics, JNMC, DMIMS(DU)	21.01.2019	JNMC, Sawangi (M), Wardha, Maharashtra
6.	Immunotherapy: An underutilized modality	CME organized by Rajnandgaon Pediatric Association	30.01.2019	Pediatric Association Rajnandgaon, CG
7.	Food Allergy: Myth and Reality	CME and workshop on Allergy and Childhood Asthma. Organized by Department of Pediatrics, AIIMS, Raipur	16.02.2019	AIIMS, Raipur CG
8.	RMA Training Module	RMA Training	-	AIIMS, Raipur

LIST OF ORAL PAPERS/POSTERS PRESENTED

S. No.	Authors	Title of Presentation	Name of the Conference	Date	Organized by
1.	Dr. Tushar Jagzape, Dr. VandanaKumari	“Bronchial asthma: Prevalence and risk factors among children in urban population from Raipur, Chhattisgarh”	30 th Annual Conference of IAP Respiratory Chapter	24.11.2018 and 25.11.2018	IAP Indore

Name of faculty member: Dr. Atul Jindal

S. No.	Title of talk	Name of the CME/Conference	Date	Organized by
1.	Newer Technology in Pediatric Intensive Care	Annual Clinical Update	18.04.2018	JLN Hospital and Research Centre, Bhilai Bhilai, Chhattisgarh
2.	Recognition of Sick Child	Structured Course in Pediatric Emergency	21.04.2018- 22.04.2018	Christian Medical College Ludhiana, Punjab
3.	Recognising and managing Respiratory Emergencies	Structured Course in Pediatric Emergency	21.04.2018- 22.04.2018	Christian Medical College Ludhiana, Punjab
4.	ABC and E-FAST by USG	Structured Course in Pediatric Emergency	21.04.2018- 22.04.2018	Christian Medical College Ludhiana, Punjab
5.	Knobology of USG	Structured Course in Pediatric Emergency	21.04.2018- 22.04.2018	Christian Medical College Ludhiana, Punjab
6.	Focussed Cardiac Evaluation by Point of Care ECHO	Structured Course in Pediatric Emergency	21.04.2018- 22.04.2018	Christian Medical College Ludhiana, Punjab

S. No.	Title of talk	Name of the CME/ Conference	Date	Organized by
7.	Panelist on Medicolegal cases	Structured Course in Pediatric Emergency	21.04.2018-22.04.2018	Christian Medical College Ludhiana, Punjab
8.	Kangaroo Mother Care – Benefits to Baby and Mother	Launch of Chhattisgarh Newborn Action Plan	13.06.2018	AIIMS Raipur, Chhattisgarh
9.	Step 2 of QI – Assessing Problem, developing and measuring indicators and Run Charts and Control Charts	Quality Improvement in SNCU of District Hospital, Mahasamund	4.07.2018	District Hospital Mahasamund, Chhattisgarh
10.	Managing Acute Attack of Asthma	IAP - ATM Module	15.07.2018	IAP Raipur
11.	Spirometry	IAP-ATM Module	15.07.2018	IAP Raipur
12.	Science of Quality Improvement	Quality Improvement in SNCU of District Hospital, Dantewada	18.07.2018	District Hospital Dantewada, Chhattisgarh
13.	Science of Quality Improvement	Quality Improvement in SNCU of District Hospital, Bijapur	19.07.2018	District Hospital Bijapur, Chhattisgarh
14.	Post Resuscitation Care	PALS Course	4.08.2018	Medical College Gwalior Gwalior, MP
15.	Rhythm Disturbances	PALS Course	5.08.2018	Medical College Gwalior Gwalior, MP
16.	Bundle Care Approach	Training of SNCU staff	10.09.2018	AIIMS, Raipur
17.	SNCU Antibiotic Policy	Training of SNCU staff	10.09.2018	AIIMS, Raipur
18.	Child Health and Nutrition	National Health Assembly	23.09.2018	NHA, Raipur
19.	ARDS – Newer Insights	Visiting Professor	04.10.2018	Gandhi Medical College Bhopal, MP
20.	Fluid Therapy in Sick Child	Visiting Professor	05.10.2018	Gandhi Medical College Bhopal, MP
21.	Resuscitation Fluid	Guest Lecture	05.10.2018	AIIMS, Bhopal, MP
22.	Pediatric Sepsis and Septic Shock – Whats new?	Visiting Professor	06.10.2018	Gandhi Medical College Bhopal, MP
23.	Assessment of Sick Child – PALS based approach	NCPIC, 2018	15.11.2018	ESIC Hospital, Coimbatore Coimbatore, Tamil Nadu
24.	Management of Rhythm disturbances and Cardiac arrest	NCPIC, 2018	15.11.2018	ESIC Hospital Coimbatore, Tamil Nadu

S. No.	Title of talk	Name of the CME/ Conference	Date	Organized by
25.	Infection control practices and bundle care	NCPIC, 2018	15.11.2018	ESIC Hospital Coimbatore, Tamil Nadu
26.	Brain Death – Diagnostic Dilemmas	NCPIC, 2018	16.11.2018	Kovai Medical Centre, Coimbatore Coimbatore, Tamil Nadu
27.	Balanced Salts: One stop solution for all?	NCPIC, 2018	17.11.2018	Kovai medical Centre, coimbatore Coimbatore, Tamil Nadu
28.	Dengue Shock	Bench to Bedside 2018, Nagpur	1.12.2018	IAP Nagpur
29.	Ethical Issues in PICU	Bench to Bedside 2018, Nagpur	1.12.2018	IAP Nagpur
30.	Respiratory Emergencies in children	PEER Review NHM Bhopal	4.12.2018	NHM Bhopal
31.	Antibiotic Policy in Children and Newborns	State Antibiotic Committee Meeting	6.12.2018	SIHFW, Chhattisgarh Raipur
32.	Experience Sharing: PDSA cycles and Flowchart for Newborn Resuscitation/ Neonatal Sepsis Management/ Asphyxia/KMC Synergies between Obstetric and Pediatric Practices	State ToT for Quality Improvement under LaQshya	10.12.2018 -11.12.2018	NHM-DHS-UNICEF Raipur
33.	Improving IMR and MMR using Quality Improvement	Launch of Nurse Mentoring Program	21.12.2018	NHM-DHS-UNICEF Raipur
34.	Acute Respiratory Distress Syndrome	AIIMS Patna Master Class	17.12.2019	AIIMS Patna
35.	Step 3 of POCQI: PDSA Cycles	Patient Safety and Quality Care workshop for Faculties of AIIMS Raipur	04.02.2019 -05.02.2019	AIIMS Raipur
36.	Experiences in QI: Connecting to Reality	Patient Safety and Quality Care workshop for Faculties of AIIMS Raipur	4.02.2019- 05.02.2019	AIIMS Raipur
37.	Approach to a child with Respiratory Distress	Supportive care in pediatrics	17.02.2019	IAP Raipur
38.	Hemodynamic Monitoring	Supportive care in pediatrics	17.02.2019	IAP Raipur

S. No.	Title of talk	Name of the CME/Conference	Date	Organized by
39.	Case based approach to a child with respiratory distress and ventilator strategy, Shock	Supportive care in pediatrics	17.02.2019	IAP Raipur
40.	Do vicarious observes learn effectively during simulation in a large group of undergraduate learners?	INSPIRE meeting, SIMULUS 4	03.03.2019	SET Centre, AIIMS New Delhi
41.	Pneumonia Management and control	Meeting of Technical Resource Group on Pneumonia Management and control	08.03.2019	GOI-UNICEF New Delhi
42.	Isolation Precautions	Hands on Workshop on Infection Control Practices	12.03.2019	AIIMS Raipur
43.	Pediatric Tuberculosis	RNTCP Sensitisation Program for Faculties	28.03.2019	AIIMS Raipur
44.	RMA Training Module	RMA Training	-	AIIMS, Raipur

Name of faculty member: Dr. Tripty Naik Dhangar

S. No.	Title of talk	Name of the CME/Conference	Date	Organized by
1.	Panel discussion	CME on Genetic Disorders and Inborn Errors of Metabolism	21.09.2018	AIIMS, Raipur
2.	RMA Training Module	RMA Training	-	AIIMS, Raipur

Lectures delivered at CMEs, National and International conferences

Name of faculty member: Dr. Sunil Jondhale

S. No.	Title of talk	Name of the CME/Conference	Date	Organized by
1.	Composition and superiority of Breast milk	Breast feeding week CME	01.08.2018 -06.08.2018	AIIMS, Raipur
2.	Asthma Treatment and monitoring devices	CME & Workshop on Allergy and Childhood Asthma	16.02.2019	AIIMS, Raipur
3.	RMA Training Module	RMA Training	-	AIIMS, Raipur

LIST OF ORAL PAPERS/POSTERS PRESENTED

S. No.	Authors	Title of Presentation	Name of the Conference	Date	Organized by
1.	Anil K. Goel, Varun Anand	Diagnostic dilemma in sick newborn	EPICON 2019	02.02.2019 – 04.02.2019	MGM Medical College Mumbai

S. No.	Authors	Title of Presentation	Name of the Conference	Date	Organized by
2.	Anil K Goel, Sunil Jondhale	Chronic calcific pancreatitis with pseudocyst in child with sickle cell trait	Pediatrics Gastroenterology, Hepatology and Nutrition conference	28.10.2018	Indian society of Pediatrics Gastroenterology, Hepatology and Nutrition Mumbai

Research Projects

RESEARCH Funded Projects (Ongoing)

S. No.	Title of the Project	Name Principal Investigator	Funding Agency	Duration (years)	Start year-End year	Total funds sanctioned (Rs.)
1.	Study of Emerging Biomarkers in Acute Kidney Injury in Term Neonates with Perinatal asphyxia – A Nested Case Control Study	Dr. AK Goel	AllMS, Raipur	2 years	June 2018	5,00,000/-
2.	Sensitization pattern to various common allergens, using allergy skin prick test (SPT) in children suffering from asthma, allergic rhinitis and atopic eczema attending asthma OPD, at AllMS, Raipur	Dr. Tushar Jagzape	AllMS, Raipur	1 and half year	June 2018	2,05,380/-
3.	Burden of multidrug resistant neonatal sepsis in district hospital settings in india	Dr. Atul Jindal	BILL AND MELINDA GATES FOUNDATION	27 months	2019-2021	56,00,829/-
4.	Quality improvement project to improve newborn care in sncu Dantewada and Mahasamund	Dr. Atul Jindal	UNICEF	8 months	2018	62000/-
5.	Kangaroo mother care centre of excellence	Dr. Atul Jindal	UNICEF	9 months	2018	32,00,000/-
6.	Quality improvement project to improve maternal and newborn care in 5 aspirational districts of chhattisgarh	Dr. Atul Jindal	UNICEF	6 months	2019	53,34,857/-

Departmental Projects (including thesis/dissertations)

Ongoing

S. No.	Title of the Project
1.	Assessment of Splenic Function in Children with Sickle Cell Disease

Collaborative projects

Ongoing

1.	Relation between the blood level and intelligence quotient in children >6 years old.	Biochemistry
2.	Prevalence of Scrub Typhus and Leptospirosis in cases of Acute Febrile illness in a tertiary care institute in Central India: A Pilot study.	Microbiology
3.	Clinical features, laboratory parameters and treatment outcome of non-tuberculous mycobacterial disease- a multi-centre Indian study	Microbiology
4.	Evaluation of Fluorescein Diacetate viability staining during follow up examination of smear positive pulmonary TB patients put on category I daily treatment regimen to identify the patients requiring DST at the end of intensive phase	Microbiology
5.	The impact of A1298C SNP in MTHFR gene on levels of Tetrahydrobiopterin and Nitric Oxide in patients with sickle cell disorders	Biochemistry
6.	Effectiveness of virtual reality therapy on anxiety and symptom distress with Chemotherapy among children with cancer.	Nursing
7.	Fecal Calprotectin in Acute Diarrhoea	Microbiology
8.	Prevalence of Congenital Hypothyroidism and G6PD Deficiency in Newborns – Apilot Study in Chhattisgarh	Biochemistry
9.	A cross sectional study to determine the relation between blood lead concentrations and intelligence quotient of children <6 year old	Biochemistry
10.	To Analyze the effect of standardizing blood dosage in a blood transfusion recipient and compare with control group for adequacy of blood transfusion	Transfusion medicine

PUBLICATIONS

- Das MK, Arora NK, Poluru R, Seth A, Aggarwal A, Dubey AP, Goyal PC, Gathwala G, Malik A, **Goel AK**, Chakravarty A, Arya S, Upadhyay A, Gupta M, Mathew T, Pillai RK, Mathai J, Manivasagan S, S Ramesh, Aggarwal MK, Maure CG and Zuber P. Pediatric Appropriate Evaluation Protocol for India (PAEP-INDIA): tool for assessing appropriateness of paediatric hospitalization. Indian pediatrics. 2018; 55(12): 1041-45.
- Dhingra A, **Goel AK**, Shah S. Diffuse neonatal haemangiomas presenting as congestive cardiac failure - A case report. Indian Journal of Child Health. 2018; 5(7): 507-509.
- Mital V, **Jagzape T**, Sachadeva P. Care Seeking Behaviour of Families for Their Sick Infants and Factors Impeding to Their Early Care Seeking in Rural Part of Central India. Journal of Clinical and Diagnostic Research. 2018; 12(4): SC08-SC12.
- Borkar N, Meshram R, **Jindal A**, Kashyap N, Mohanti D. Spontaneous Rupture of a Congenital Diaphragmatic Eventration in an Infant. APSP Journal of Case Reports Journal of case Reports. 2018; 9(1): 4.
- Jat KR, Vaidya PC, Mathew JL, **Jondhale S**, Singh M. Childhood allergic bronchopulmonary aspergillosis. Lung India. 2018; 35:499-507.

6. **Jondhale SN**, Save SU, Koppikar RG & Bavdekar SB. Autoimmune Thyroiditis in an infant

masquerading as congenital nephritic syndrome. Indian Journal of Pediatrics. 2019; 86: 180-182.

List of chapters in books:

S. No.	Author(s) of Chapter	Chapter Title	Name of the Editor	Name of the Book	Edt.	City of Publication	Publisher	Yop.
1.	Dr. Atul Jindal	Ventilator Graphics and Trouble shooting (Pg. 81-90)	Prof. Sunit Singhi	Mechanical Ventilation in Pediatrics	01	Delhi	EVAN-GEL	2018
2.	Ambey R, Naik T	Strongyloidiasis (Pg. 1503 - 1505)	Gupta P, Menon PSN, Ramji S, Lodha R	PG Textbook of Pediatrics	02	New Delhi	Jaypee	2018

PATIENT CARE: -

- The department is dedicatedly serving the patients both in OPD, IPD and emergency.
 - A separate corner for attending the Pediatric Emergency cases have been set up in Ayush block. We have introduced & trained Interns/SR/JR & nursing staff as well, regarding use of Pediatric triage form for better patient care.
 - The PICU and NICU has effectively discharged their responsibility and treated a sizable number of sick patients.
 - The Department has also started providing chemotherapy to various Pediatric malignancies like ALL, Neuroblastoma and a separate cubicle has been year-marked for these patients.
 - New special clinics were introduced in the department specially sickle cell clinic.
 - Sickle cell awareness talk was organized for OPD patients attending the AIIMS OPD.
1. Daily Telecare to SNCU Dantewada
 2. Special Clinic – Pediatrics Sickle Cell Clinic and Hemat-Oncology Clinic

Awards, Honours and Significant Events

- **Dr. Anil K. Goel** is member of Member Research Committee, Internal Complaints Committee for addressing complaints pertaining to Sexual Harassment, Internship overseeing committee, AIIMS Raipur.
- **Dr. Tushar Jagzape** is Member Secretary of Institute Ethics Committee, AIIMS Raipur & member of Sickle Cell Committee, AIIMS, Raipur.
- **Dr. Atul Jindal** is Nodal Officer for RMA training in AIIMS, Raipur, Visiting Professor, Gandhi Medical College, Bhopal. He is a member of committee for Hospital Infection control committee, Transfusion Committee, Technical Resource Group of Gol on Pneumonia Management and control, State Antibiotic Committee.

PAEDIATRIC SURGERY

Associate Professor

Dr. Nitinkumar B Borkar
Dr. Sunita Singh

Assistant Professor

Dr. Abhimanyu Varshney
(Joined on 08.08.2018)

HIGHLIGHTS

Department has started OPD services at Hospital building 1st Floor B1 Block as per original plan of hospital, this new OPD is children friendly with separate kids play zone. Department provides OPD on all working day with special clinic on Monday for Hypospadias. the department has increased the horizon of our services and now

treating all neonatal surgical emergencies The department has prepared monograph on pediatric injury prevention. The monograph is distributed in outdoor to make parents aware about the prevention of accidental injuries. The department is one of the first to get approval for Superspeciality course.

RESEARCH

Departmental Projects (including thesis/dissertations)

Ongoing

S. No.	Title of the Project
1.	Accuracy of the Broselow Pediatric Emergency Tape at predicting weight in children of Central India

Completed

S. No.	Title of the Project (QI project)
1.	To improve the compliance of general waste segregation (blue and green bin) by patient attender in 34A ward within 6 weeks from existing 40% to 90% within 6 wks starting from 01.03.2019

PUBLICATIONS

- Borkar N**, Mohanty D, **Singh S**. Laparoscopic Pyloroplasty for Jodhpur Disease. JCDR 2019 Jan, Vol-13(1): PD01-PD02.
- Borkar N**, Padhi P, Mishra JK, Sahu SA, Mohanty D, **Singh S**. Necrotizing Fasciitis in Neonate and Use of Allograft. J Neo Surg. 2019.8 (1).
- Patro P, Das P, Sachdev D, **Borkar N**, Ganguly S, Hussain N. *An instance of excellent response of subcutaneous zygomycosis to itraconazole monotherapy.* Med Mycol Case Rep. 2019 Feb 14;24:13-17.
- Borkar N**, Unusual presentation of jejunal hemangioma on Tc-99m pertechnetate scan with single-photon emission computerized tomography-computed tomography. World J N Med. (accepted for publication).
- Singh S**, Ahmed I, Rawat J. Retrograde Intussusceptions and Giant Meckel's diverticulum: a rare occurrence in Waugh's syndrome. J Pediatr Neonatal Care. 2018; 8:241-243.
- Singh S**, Mohanty D, Srivastava NK, Sharma H, Singh V. Diagnostic and Management Difficulties in the Adenocarcinoma Third Part of Duodenum: A Case Discussion. Int Gast Hepatol, 2018; 1:72-75.
- Singh S**, Pal A, Srivastava NK, Thakur P. Level of Awareness and Practices of Women Regarding Breast Cancer in Chhattisgarh, India: An Institution Based Survey. Int J Med Public Health. 2018; 8:145-51.

8. **Varshney A,** Dhua AK, Jain V, Agarwala S, Bhatnagar V. Whipple's Pancreaticoduodenectomy in Pediatric Patients: An Experience from a Tertiary Care Center. J Indian Assoc Pediatr Surg. 2018 Oct-Dec; 23(4):212-215.

9. Jain V, Sangdup T, Agarwala S, Bishoi AK, Chauhan S, Dhua A, Jana M, Kandasamy D, Malik R, Kothari SS, Patcharu R, **Varshney A,** Bhatnagar V. Abernethy malformation type 2: Varied Presentation, Management and Outcome. J Pediatr Surg. 2019 Apr; 54(4):760-765.

Chapter in book

S. No.	Author(s) of Chapter	Chapter Title	Name of the Editor	Name of the Book	Edition	Publisher	Year of Publication
1.	Dr. Nitinkumar B Borkar	Introduction and Epidemiology of Abdominal trauma in children (Pg. 1-6)	Khan RA, Wahab S	Blunt Abdominal Trauma in children: Problem and Solutions	1 st	Springer, Singapore	2018

PATIENT CARE

Department runs OPD on all day in week except Sunday and Emergencies on all days in a week. Special clinic is run for Hypospadias on Monday. Department provides information regarding pediatric injury prevention by various means to parents visiting to OPD also small handbook is distributed to parents with theme of Pediatric Injury Prevention. Department OPD is running in a child friendly area with separate play zone for the kids.



News in local papers



OPD inauguration by Prof. (Dr.) Nitin M. Nagarkar, Director ,AIIMS Raipur

PATHOLOGY AND LABORATORY MEDICINE

Additional Professor & Head

Dr Nighat Hussain

Associate Professor

Dr Amit Bugalia

Assistant Professors

Dr. Vandita Yogendra Singh

Dr. Rakesh Kumar Gupta

(Joined on 24.09.2018)

Dr. Ashish Kumar Gupta

(Joined on 30.11.2018)

HIGHLIGHTS

Faculty members were actively involved in further improvement and up gradation of diagnostic services including preparation of protocols/ flow charts for smooth functioning and day to day working of diagnostic laboratories like Hematology,

Clinical Pathology, Cytology and Histopathology. Quality of services including turn-around-time is being maintained.

Specialised investigations like Immunocytochemistry facility were started.

EDUCATION

An exhaustive under-graduate curriculum has been designed for 2nd year MBBS and MD students. The curriculum for MBBS includes theory lectures, hands on practical and Clinical laboratory rotations with OSPE based assessment and tutorials. Special emphasis is placed on integrated teaching and problem based learning to help students develop clinical acumen. Innovative teaching learning methods are being used to make the curriculum more interesting for the students.

PG teaching is being conducted in the department regularly in the form of seminars, gross and microscopic sessions and journal clubs.

CPCs are being conducted with various clinical departments on time to time basis.

Emergency 24x7 Lab has been started in Trauma Building.

List of oral papers/posters presented

S. No.	Authors	Title of Presentation	Name of the Conference	Date	organized by
1.	Dr. Vandita Singh	Molecular biopsy of gliomas and its clinical implications	Symposium on brain tumours	2.02.2019	AIIMS Raipur

RESEARCH
Funded Projects
Ongoing

S. No.	Title of the Project	Name of Principal Investigator	Funding Agency	Duration (years)	Start year-End year	Total funds sanctioned (Rs.)
1	To study the Co-expression of p16 & Ki 67 dual immunostain on cytology smears & its values in detection of cervical cancer precursors in women from Chhattisgarh	Dr. Nighat Hussain	AIIMS, Raipur	1 Year	2019	5,00,000/-
2	Establishment of reference range for peripheral blood lymphocyte subsets by immunophenotyping in children from Chhattisgarh.	Dr. Amit Bugalia	AIIMS, Raipur	1 year	2019	5,00,000/-

Departmental projects (including thesis/dissertations)
Ongoing

S. No.	Title of the project
1.	Concept maps/ mind maps in pathology education- advantages and applicability
2.	Evaluation of new Erythrocyte and Reticulocyte Parameters in Relations to Serum Iron Profile.
3.	Development of manual peripheral blood smear review criteria for complete blood counts on an automated hematology analyser.
4.	Correlation of reticulocyte count on flow cytometer with reticulocyte count on haematology analyser using fluorescence method.
5.	Clinicopathological and Immunohistochemical profile of primary lung carcinomas in a tertiary care hospital.

Completed

S. No.	Title of the project
1.	Role of breast ultrasonography in predicting the accurate tumor dimension and its impact on staging and management of breast carcinoma- A recent concept.
2.	Rapid On Site Evaluation (ROSE) –role, significance and applicability in Fine Needle Aspiration Cytology from various sites and amongst difference competency groups.

Collaborative projects
Ongoing

S. No.	Title of the project	Collaborating department/institution
1.	Serum testosterone level and semen quality in male patient with Sickle Cell disease attending AIIMS Raipur OPD.	Obstetrics and Gynaecology
2.	Awareness about folic acid supplementation and folic status in pregnant women of Abhanpur block of Raipur District, CG.	CFM

S. No.	Title of the project	Collaborating department/institution
3.	Evaluation of prevalence of HPV in Head and Neck malignancies.	Otorhinolaryngology

Completed

S. No.	Title of the project
1.	The role of Bcl2 as the prognostic marker of Premalignant lesions of cervix.
2.	Screening for high risk human papillomavirus (HPV) genotypes by real time PCR in women with premalignant and malignant cervical pathology: a hospital based study from Raipur, Chhattisgarh.
3.	Comparison of the diagnostic value of PAP smear, visual inspection methods and colposcopy in detection of preinvasive lesions of the cervix.
4.	The role of hysteroscopy in the diagnosis of endometrial hyperplasia.
5.	Study of Sperm DNA Fragmentation by Simple Sperm Chromatin Dispersion Test in Semen of Male Partner of Infertile Couples.
6.	Prevalence of MTHFR polymorphism and its importance in patients of Sickle Cell Disease and trait in Chhattisgarh: A pilot study.

PUBLICATIONS

- Santosh T, Panwar H, Bharti Kumari, **Singh VY, Hussain N**. FNAC of the thyroid following carbimazole therapy in hyperthyroidism: A diagnostic dilemma. **OGH reports, 2018**, 7, 1, 38-40.
- Sanjay Negi, Anudita Bhargava, Priyanka Singh, Sarita Agrawal. **Nighat Hussain**, Padma Das. "Predominance of high risk human papilloma virus genotype 16 and 39 in women with premalignant cervical pathology, from Raipur Chhattisgarh: Clinical evaluation of tagging oligonucleotide cleavage and extension mediated genotyping assay." Asian Pacific Journal of Cancer Prevention, 2018.
- Das Aditi, Gahine Renuka, Patra Vivek, **Hussain Nighat**. Retroperitoneal Tumor: A Silent Trespasser – Role of Image-Guided Fine-Needle Aspiration Cytology with Histopathological Correlation in Early Diagnosis. Acta cytological, 2018.
- Aditi Das, Hemlata Panwar, **Nighat Hussain**. Tubercular Mastitis Masquerading as Carcinoma Breast in Elderly Female: A Diagnostic Dilemma. Indian Journal of Medical and Paediatric Oncology, 2018, 39, 4.
- Anil Kumar, Lokesh Nehete, Jitender Chaturvedi, **Hussain N**. Large Giant Cell Tumor at Dorsal Spine with Spinal Instability. The Journal of Spinal Surgery. December 2018.
- Anil Kumar, Lokesh Nehete, Jitender Chaturvedi, **Hussain N**. Retrobulbar Lymphangioma: A Rare Case Report. Asian Journal of Neurosurgery, October 2018.

PATIENT CARE

The details of diagnostic/ clinical work load of the department are as follows:

Departments	No. of investigations/ cases during this period
Haematology	98,091
Clinical Pathology	21,902
Cytopathology	5,940
Histopathology	3,889
Immunopathology	559

PHARMACOLOGY

Professor and Head

Dr. S. P. Dhaneria

Additional Professor

Dr. Nitin Rewaram Gaikwad

Assistant Professor

Dr. Yogendra Narayanrao Keche

Dr. Alok Singh

(Joined on 17.09.2018)

Dr. Pugazhenthana T

(Joined on 16.10.2018)

HIGHLIGHTS:

- Department of Pharmacology organized a Research Methodology Course for Post Graduate Students (PG- Junior Resident – January 2018 Session) of our institute on 19.05.2018 and 20.05.2018.
- Department of Pharmacology organized Pharmacology Quiz (PharmaQuizalance) for MBBS Students at AIIMS, Raipur on 18.09.2018. Mr. Krishna Chandra Jangid (2016 Batch) and Mr. Devendra Jain (2016 Batch), were adjudged as winner whereas Mr. Vipendra Rajpoot (2015 Batch) and Mr. Avichal Rajpal (2015 Batch) were runner-up.
- Mr. Vipendra Rajpoot (2015 Batch) and Mr. Avichal Rajpal (2015 Batch) won 2nd prize in National Level Pharmacology Quiz held at AIIMS, Bhopal.
- Mr. Varnan Chandrawashi (2015 Batch) won 1st Prize in Poster Presentation in Scientific Activity of Annual College Fest 'Oriana' held in October 2018 for his research paper on "10-year cardiovascular risk as predicted by QRISK[®]3 calculator in diabetic patients attending tertiary care teaching hospital of central India and its application to stratify statin over-users and under-users".
- Department of Pharmacology sensitized 454 participants like Students, Nursing Staff, Pharmacists, Doctors and General Public in 11 different training workshops conducted on Pharmacovigilance.
- Department of Pharmacology conducted Weekly Academic Meet on 'Geriatric Pharmacology: What to consider while prescribing to an elderly person?' on 14.12.2018.

EDUCATION

Undergraduate teaching (MBBS and Nursing) is a regular academic activity of the department. Department introduced innovative teaching methods like making and presenting Poster Presentation, Home Assignment, Small Group Discussion, which facilitate self-directed learning among students.

Five (05) Second year MBBS students and Eleven (11) Second Year B. Sc. (Hons) Nursing students secured distinction in Pharmacology in their respective final examinations held during 2018-19.

CMEs/Workshops/Symposia/National and International Conferences:

Training Programmes on Pharmacovigilance. All the below events were organized by AIIMS Raipur:

Sr. No.	Name of the Event	Date
1.	Sensitization of Doctors (AMOs) on Pharmacovigilance and treatment of common diseases and poisoning	10.04.2018

Sr. No.	Name of the Event	Date
2.	Sensitization of Doctors (AMOs) on Pharmacovigilance and treatment of common diseases and poisoning	17.04.2018
3.	Research Methodology Course for PG JRs	19.05.2018
4.	Research Methodology Course for PG JRs	20.05.2018
5.	Sensitization of Doctors (AMOs) on Pharmacovigilance and treatment of common diseases and poisoning	24.07.2018
6.	Sensitization of Doctors (AMOs) on Pharmacovigilance and treatment of common diseases and poisoning	28.08.2018
7.	Sensitization of Doctors (AMOs) on Pharmacovigilance and treatment of common diseases and poisoning	29.10.2018
8.	Orientation Programme on Pharmacovigilance for Nurses	30.10.2018
9.	Sensitization of Doctors (AMOs) on Pharmacovigilance and treatment of common diseases and poisoning	23.11.2018
10.	Orientation Programme on Pharmacovigilance for Nurses	16.01.2019
11.	Sensitization of Doctors (AMOs) on Pharmacovigilance and treatment of common diseases and poisoning	12.02.2019

Lectures delivered at CMEs, National and International conferences

Name of faculty member: Dr. S. P. Dhaneria

S. No.	Title of talk	Name of the CME/ conference	Date	Organised by
1.	Safety use of Animals for Research Activities	Workshop on Animal Handling and In-Silico Techniques for Research Activities: Current Scenario	14.04.2018	Siddhi Vinayaka Institute of Technology & Sciences Bilaspur
2.	Experimental Studies: Randomized and non-randomized controlled trials	Research Methodology Course for PG-JR	19.05.2018	AIIMS, Raipur
3.	Legal and Ethical issues in studies involving human subjects	Research Methodology Course for PG-JR	20.05.2018	AIIMS, Raipur
4.	Study Design (including clinical trial phases)	CME in Ethics in Clinical Research	04.08.2018	CIMS, Bilaspur
5.	Basic Principles of Modern Pharmacology	CME in Dravyaguna for Teachers	07.08.2018	Shri N. P. A. Govt. Ayurveda College Raipur
6.	Pharmacovigilance and Drug Interactions	CME in Dravyaguna for Teachers	07.08.2018	Shri N. P. A. Govt. Ayurveda College Raipur

S. No.	Title of talk	Name of the CME/ conference	Date	Organised by
7.	Implementation of Pharmacovigilance in Hospital Settings & Challenges	Seminar on Pharmacovigilance practice: Challenges and Future Considerations	06.10.2018	RDGMC Ujjain
8.	Study Designs	CME-cum-Training on Ethical Aspects of Clinical Research	08.10.2018	L.N. Medical College and Research Centre & J.K. Hospital Bhopal
9.	Ethical and Legal issues in Clinical Research	CME-cum-Training on Ethical Aspects of Clinical Research	08.10.2018	L.N. Medical College and Research Centre & J.K. Hospital Bhopal
10.	Pharmacovigilance in Clinical Practice – Objectives, way ahead and challenges	Advanced level training on Pharmacovigilance-cum-coordinators meeting	02.11.2018	AIIMS, Bhopal
11.	Rational Use of Medicine	Workshop on Clinical Pharmacology and Therapeutics	27.02.2019	PGIMER Chandigarh

Name of faculty member: Dr. Nitin Rewaram Gaikwad

S. No.	Title of talk	Name of the CME/ conference	Date	Organised by
1.	Analytical studies: Case-control, Cohort, Cross-sectional studies	Research Methodology Course for PG-JR	19.05.2018	AIIMS, Raipur
2.	Elements of Research Proposal	Research Methodology Course for PG-JR	19.05.2018	AIIMS, Raipur
3.	Effective Literature Search	Research Methodology Course for PG-JR	20.05.2018	AIIMS, Raipur
4.	How to design Informed Consent Document (ICD)	Research Methodology Course for PG-JR	20.05.2018	AIIMS, Raipur
5.	Roles & responsibilities of Ethics Committee	CME in Ethics in Clinical Research	04.08.2018	CIMS Bilaspur
6.	Informed Consent Document	CME in Ethics in Clinical Research	04.08.2018	CIMS Bilaspur
7.	Roles & responsibilities of Ethics Committee	CME-cum-Training on Ethical Aspects of Clinical Research	08.10.2018	L.N. Medical College and Research Centre & J.K. Hospital Bhopal

S. No.	Title of talk	Name of the CME/ conference	Date	Organised by
8.	Informed Consent Document	CME-cum-Training on Ethical Aspects of Clinical Research	08.10.2018	L.N. Medical College and Research Centre & J.K. Hospital Bhopal
9.	Causality Assessment of ADRs	Advance Level Training on Pharmacovigilance cum Coordinators Meeting	02.11.2018	AIIMS, Bhopal
10.	Ethics in Clinical Research: Past, Present and Future	'Oration' at 28 th Annual Conference of Indian Pharmacological Society (Odisha State Branch)	23.01.2019	VIMSAR, Burla

Name of faculty member: Dr. Yogendra Narayanrao Keche

S. No.	Title of talk	Name of the CME/ conference	Date	Organised by
1.	Safety use of Animals for Research Activities	Workshop on Animal Handling and In-Silico Techniques for Research Activities: Current Scenario	14.04.2018	Siddhi Vinayaka Institute of Technology & Sciences Bilaspur
2.	Descriptive Studies: Case Report, Case Series, Surveillance	Research Methodology Course for PG-JR	19.05.2018	AIIMS, Raipur
3.	How to design a Case Record/Report Form (CRF)	Research Methodology Course for PG-JR	20.05.2018	AIIMS, Raipur
4.	Good Clinical Practice	CME in Ethics in Clinical Research	04.08.2018	CIMS Bilaspur

List of oral papers/posters presented

S. No.	Authors	Title of Presentation	Name of the Conference	Date	Organised by
1.	Varnan Chandrawanshi, Nitin Gaikwad, Yogendra Keche, Preetam Wasnik, SP Dhaneria	10-year cardiovascular risk as predicted by QRISK®3 calculator in diabetic patients attending tertiary care teaching hospital of central India and its application to stratify statin over-users and under-users	Annual College Fest 'Oriana' 2018	31.10.2018	AIIMS, Raipur

S. No.	Authors	Title of Presentation	Name of the Conference	Date	Organised by
2.	Jitendra Kumar Mehta, SP Dhaneria, Nitin Gaikwad, Yogendra Keche	Adherence to treatment strategies and drug utilization pattern of antibiotic drugs in new and recently diagnosed type 2 diabetes mellitus patients	10 th Annual National Conference of Indian Society for Rational Pharmacotherapeutics	24.11.2018	Indira Gandhi Institute of Medical Sciences (IGIMS), Patna Patna
3.	Yogendra Keche, Nitin Gaikwad, SP Dhaneria, Chandu D	Analysis of Adverse Drug Reactions for preventability, predictability, severity and causality by different assessment scales	28 th Annual Conference of Indian Pharmacological Society (Odisha State Branch)	23.01.2019	VIMSAR, Burla

RESEARCH

Funded projects

Ongoing

S. No.	Title of the project	Name of Principal Investigator	Funding Agency	Duration (Years)	Start year-End year	Total funds sanctioned (Rs)
1.	Usefulness of STOPP /START Criteria and Beers Criteria for prescribing in geriatric patient in tertiary health care Center	Dr. Yogendra Keche	AIIMS, Raipur (Intramural Project)	01 Year	Under Review	-
2.	Allele And Genotype Frequency Of CYP2C19 In A Central Indian Population (Chhattisgarh)	Dr. Pugazhenthana T	AIIMS, Raipur (Intramural Project)	01 Year	2019-20	4,00,000/-
3.	PATIENT-LED ANTIMICROBIAL STEWARDSHIP (PLEASE) Model to create awareness about appropriate use of antimicrobials in community: A pilot study	Vidhina Khade 2nd Year MBBS Student, AIIMS Raipur (Batch 2016) (under guidance of Dr. Nitin Gaikwad, Additional Professor, Department of Pharmacology)	ICMR (STS Project)	01	2018-19	-

Completed

S. No.	Title of the project	Name of Principal Investigator	Funding Agency	Duration (Years)	Start year-End year	Total funds sanctioned (Rs)
1.	10-year cardiovascular risk as predicted by QRISK®3 calculator in diabetic patients attending tertiary care teaching hospital of central India and its application to stratify statin over-users and under-users	Varnan Chandrawanshi 2nd Year MBBS Student, AIIMS Raipur (Batch 2015) (under guidance of Dr. Nitin Gaikwad, Additional Professor, Department of Pharmacology)	ICMR (STS Project)	01	2017-18	-

Departmental projects (including thesis/dissertations)

Ongoing

S. No.	Title of the project	Name of Principal Investigator	Funding Agency	Duration (Years)	Start year-End year	Total funds sanctioned (Rs)
1.	Adherence to treatment strategies and changes in drug utilization pattern of antidiabetic drugs in new and recently diagnosed type 2 diabetes mellitus patients: A Prospective, Longitudinal, Observational, Hospital-based study	Dr. Jitendra Kumar Mehta (PG-JR 2) (under guidance of Dr. S. P. Dhaneria, Prof. & Head, Department of Pharmacology)	-	1.5	2017-19	-

S. No.	Title of the project	Name of Principal Investigator	Funding Agency	Duration (Years)	Start year-End year	Total funds sanctioned (Rs)
2.	Efficacy and safety of Tadalafil 5mg versus Tamsulosin 0.4mg in men with lower urinary tract symptoms associated with benign prostatic hyperplasia: A randomized, active comparator controlled, open label, parallel group clinical trial	Dr. Vikas Katiyara (PG-JR 2) (under guidance of Dr. Nitin Gaikwad, Additional Professor, Department of Pharmacology)	-	01	2019-20	-
3.	Effect of six-months use of Selective Serotonin Re-uptake inhibitors on surrogate markers of atherosclerosis: A prospective longitudinal hospital-based pilot study	Dr. Dhyuti Gupta (PG-JR 2) (under guidance of Dr. S. P. Dhaneria, Prof. & Head, Department of Pharmacology)	-	1.5	2018-20	-
4.	Analysis of information on drugs used in management of Migraine in commonly available Drug Information sources in India	Dr. Pugazhenthana T.	Non-funded	03 Months	2019-20	-
5.	Drug Utilization Pattern in a Tertiary Care Centre of Central India: A Retrospective Study	Dr. Alok Singh	Non-Funded	06 Months	2018-19	-
6.	Assessment of Awareness, Knowledge and Attitude of faculty members towards Telemedicine in tertiary care centers of Central India (Chhattisgarh).	Dr. Alok Singh	Non-Funded	06 Months	2018-19	-

Completed

S. No.	Title of the project	Name of Principal Investigator	Funding Agency	Duration (Years)	Start year-End year	Total funds sanctioned (Rs)
1.	Risk Category assessment of drugs prescribed during the pregnancy in a tertiary care center as per USFDA classification	Veena Kota Bharati 2nd Year MBBS Student, AIIMS Raipur (Batch 2016) (under guidance of Dr. Yogendra Keche, Assistant Professor, Department of Pharmacology)	-	01	2018-19	-

PUBLICATIONS

Research Papers Published

- Shreya Chugh, **Yogendra Keche**, Shraddha Bhojar, Neha Loharkar, Priyanka Gore, Avadhut Khade. Comparison of self-medication use in some urban and rural pockets of Pune India. *European Journal of Pharmaceutical and Medical Research* 2018;5(3): 567-571.
- Nishikant Ingole, **Yogendra Keche**, Archana Wankhade, Sunita Chandraker. Prescription analysis of drug prescribed in post-operative period in a teaching hospital in Bhilaj, Chhattisgarh, India. *International Journal of Research in Medical Sciences* 6 (8), 2763-2766.
- Anuj Kumar, Akhilesh Kumar Rana, Amit Singh, **Alok Singh**. Effect of Methanolic Extract of *Phyllanthus niruri* on Leptin Level in Animal Model of Diabetes Mellitus. *Biomedical & Pharmacology Journal* (2019). Vol. 12(1), p. 57-63.
- Alok Singh**, Anuj Kumar. Future Strategies in Management of Diabetes Mellitus: A Brief Report. *Int J Med Rev Case Rep.* 2019; 3(2): 81-86.
- Pugazhenthan Thangaraju**: WHO treatment guidelines against leprosy: a focus on pharmacovigilance. *Cukurova Med J* 2019;44(2):701-702
- Pugazhenthan Thangaraju**, Sajitha Venkatesan, Elavarasan Sivashanmugam, Showkath Ali M.K.: Dose-dependent thalidomide induced bradycardia in young erythema nodosum leprosum patient. *Indian Journal of Pharmacology* 03/2019; 51(1)., DOI:10.4103/ijp.IJP_48_18
- Pugazhenthan Thangaraju**, Sajitha Venkatesan, Vineet Kumar Chadha: Needs monitoring with quetiapine. *Chinese medical journal* 01/2019; 132(1):113-114., DOI:10.1097/CM9.0000000000000025

List of Edited Books and monographs:

Name of faculty member: Dr. Pugazhenthan T.

Chapters in book:

Treatment of Leprosy: Current Practice and Updated WHO Guidelines in the book, *Leprosy: From Diagnosis to Treatment* - submitted and accepted.

PATIENT CARE

- Department of Pharmacology, AMC under PvPI, is actively collecting the ADR reports from OPD and IPD of AIIMS Raipur. These reports are analysed by Faculty Members of Department of Pharmacology

for its causality assessment. The data of these ADR reports is submitted to IPC Ghaziabad, National Coordinating Centre for PvPI, through Vigiflow software. This data is further integrated with WHO-Uppsala ADR Monitoring Centre Sweden.

- Total no. of ADRs reported from our centre to National Coordinating Centre (April 2018 to March 2019): 213.

AWARDS, HONOURS AND SIGNIFICANT EVENTS

- **Dr. S. P. Dhaneria** was nominated as Member, Essential Drug List Committee for Chhattisgarh state.
- **Dr. Nitin Gaikwad** appointed as Registrar AIIMS, Raipur on 09.11.2018.
- **Dr. Nitin Gaikwad** received Professor P. K. Kar Memorial Oration' at 28th Annual Conference of Indian Pharmacological Society (Odisha State Branch) held at VIMSAR, Burla (Odisha) on 23.01.19
- **Dr. Pugazhenthana T.** received EET CRS 7th Academic Brilliance Awards- 2019 as Honorary Mention Jury (Research) under Award for Excellence In Research, 27th January, Greater Noida, India
- **Dr. Pugazhenthana T.** received 4th South Asian Education Awards 19- Official Spotlights (Research), 10.03.2019, Hyderabad, India.

Other Academic Activities

- **Dr. Nitin Gaikwad** attended Workshop on Prescribing skills, research training and assessment held at Seth G.S. Medical College and KEM Hospital, Mumbai (Maharashtra) on 30.04.2018.
- **Dr. Nitin Gaikwad** attended Workshop on Infection Control Practices held at AIIMS Raipur on 19.04.2018.
- **Dr. Yogendra Keche** attended Workshop on Infection Control Practices held at AIIMS Raipur on 19.04.2018.
- **Dr. Yogendra Keche** attended CME on Laboratory Animal Sciences – An Overview held at Kamdhenu Vishwavidyalaya Durg on 05.03.2019.
- **Dr. Alok Singh** attended CME-cum-Workshop on Laws Applicable to Hospitals: Case Studies on Challenges & Possible Solutions at AIIMS, Raipur on 19.01.2019.
- **Dr. Alok Singh** participated in Training/Sensitization on Revised National Tuberculosis Control Programme dated 28.03.2019, AIIMS, Raipur.
- **Dr. Pugazhenthana T.** delivered a talk on Leprosy awareness in the Department of Pharmacology on the eve of anti-leprosy day.
- **Dr. Pugazhenthana T.** attended CME-cum-Workshop on Laws Applicable to Hospitals: Case Studies on Challenges & Possible Solutions at AIIMS, Raipur on 19.01.2019.
- **Dr. Pugazhenthana T.** attended CME & workshop on Allergy and Childhood Asthma 16.02.2019, by Department of Paediatrics, AIIMS, Raipur.
- **Dr. Pugazhenthana T.** participated in Training/Sensitization on Revised National Tuberculosis Control Programme dated 28.03.2019, AIIMS, Raipur.



PHYSICAL MEDICINE & REHABILITATION

Professor and Head

Dr. Alok Chandra Agrawal

Assistant Professor

Dr. Jaydeep Nandi

(Joined on 23.04.2018)

HIGHLIGHTS

The department is providing rehabilitation services to a high number of indoor and outdoor patients. The Department also procured and installed about 50 Equipment's throughout the year 2018-2019 which made it self sufficient to meet various needs of patients related to neuro-rehabilitation, musculoskeletal rehabilitation and occupational therapy. Other projects are also initiated which after completion can help in even fabrication of prosthesis and orthosis in PMR

department of AIIMS Raipur. Besides that procurement of EMG-NCV and MSK-USG is in last stage which will help in future PG teaching in PMR as well as in patient assessment and management.

The department of PMR took UG classes, Faculty lectures and PG Teaching lectures besides attending National Symposiums and undergoing clinical research.

EDUCATION

Date	Topic	Venue and Target Audience
31.05.2018	Cerebral Palsy overview: a PMR perspective	Department of Pediatrics Seminar Room for faculty and Residents
9.08.2018	Balance and Equilibrium Diagnosis and Rehabilitation	UG class of 2014 Batch on request of ENT Department
16.12.2018	Demonstration of Orthosis& Prosthesis	First Post Graduate Teaching Course by Department of Orthopedics
16.12.2018	Principles in Rehabilitation and prescribing an Orthosis	First Post Graduate Teaching Course by Department of Orthopedics
21.12.2018	Spinal cord injury assessment, prognostication and orthotic options	Weekly Academic Meeting for all Faculty and Residents

RESEARCH

Non-Funded Projects

Ongoing

S. No.	Title of the Project	Name Principal Investigator	Funding Agency	Duration (years)	Start year-End year	Total funds sanctioned (Rs.)
1.	Prospective analysis of pre-treatment quality of life, presenteeism and emotional health due to chronic neck pain in homemakers- An Indian Tertiary Care Hospital perspective	Dr. Jaydeep Nandi	NONE	**	**	NA

PATIENT CARE

The department has started services in April, 2018. They rendered services in the said period as: Short wave diathermy (SWD- 2919), LASER machine- 1742, Traction table (ICT and ILT- 1607), Continuous Passive Motion (CPM- 109), Ultrasonic machine (UST- 2166), Electrical Muscle stimulator (EMS-57), minor procedure- 57. The OPD attendance was 1119 & OPD referrals including physiotherapy services was 10728.

AWARDS, HONOURS AND SIGNIFICANT EVENTS

Became member of AIIMS Raipur Institutional Research Cell on 29.08.2018 and participated in evaluation of various research projects.

VISITING SCIENTIST

Dr. S.Y. Kothari (Professor, PMR Department, AIIMS Bhopal and ex addl. DGHS) and Dr. Nitesh Gonnade (AP, PMR department, AIIMS Jodhpur) visited the department and gave valuable inputs.

PHYSIOLOGY

Professor & Head

Dr. Ramanjan Sinha

Additional Professor

Dr. Meenakshi Sinha

Dr. Avinash Ingle

Associate Professor

Dr. Ekta Khandelwal

Dr. Jayshri Ghatge

HIGHLIGHTS

Over the last one year, the department of Physiology has been conducting MBBS, MD and BSc Nursing classes and assessments regularly using modern structured tools. A national workshop on Assessment Methodologies which are being undertaken by the department was conducted with enthusiastic participation from twelve medical colleges of five states. In addition, sensitisation of in-house faculty regarding various teaching methods and designing of new MBBS Curriculum were addressed by departmental faculty as a part of Medical Education Unit as well as in National Conference in Medical Education. The department is involved in extensive research, as being carried

out by undergraduates (ICMR-STs), post-graduates (MD thesis) and faculty through funded/non funded intramural and extramural projects. In addition, faculty is acting as Co-guide for PhD thesis from local university and also, Post Doctoral Fellow is working under faculty. Patient care and research is ongoing routinely at AFT & Vascular Function laboratory and also, referred patients mainly from Paediatrics clinic are investigated in the EMG-NCS-EP laboratory on case to case basis. The faculty also imparted technical training to students from NIT, Raipur and also to faculty from both within and outside AIIMS on teaching & assessment methods, as aforesaid.

EDUCATION

Innovative teaching & Assessment methods <i>(most are only being held at AIIMS, Raipur among all the Central Indian Institutes)</i>	<ul style="list-style-type: none"> Teaching of clinical skills such as CPR using Mannequins was imparted to MBBS students. In addition, these students were introduced to newer diagnostic techniques such as USG when they were demonstrated Cardiac cycle through USG as a part of practicals. Structured discussion sessions for MBBS were carried out with the help of Senior Residents and using the same as training exercises for PG students. Modern assessment methods such as OSPE/OSCE continue to be used along with Structured OSPE Viva. Further, assessment is carried out using modern tools such as Single & Multiple response & Problem based MCQ with Reason-Assertion, SLAQ and SAQ.
Short Term Training Imparted	<p>Technical training to BTech (BioMed Engg.) students: imparted to 35 students from NIT, Raipur on various techniques such as EEG, EMG, NCV, ECG, AFT, Spirometry, etc.</p> <p>Two Research Fellows trained on neurophysiological techniques such as EEG, EMG and Nerve Conduction Studies.</p> <p>National Workshop on Modern Assessment Methodologies in Physiology Education: imparted to 33 faculties / participants from 13 medical colleges from 5 states.</p> <p>Faculty sensitization in Medical Education under Medical Education Unit, AIIMS, Raipur: imparted to faculties of AIIMS, Raipur.</p>

Lectures delivered at CMEs, National and International conferences

Name of faculty member: Prof. R. Sinha

Sl. No.	Title of talk	Name of the CME/conference	Date	Organised by
1.	Resource faculty on SAQ, SLAQ, MEQ construction	National Workshop on Modern Assessment Methodologies in Physiology Education	30.03.2019	AIIMS, Raipur

Name of faculty member: Dr. Meenakshi Sinha

Sl. No.	Title of talk	Name of the CME/conference	Date	Organised by
1.	Taxonomy & Domains of learning Teaching-learning methods: small & large group	Workshop on Medical education Technologies	11.04.2018	AIIMS Raipur
2.	Microteaching	Workshop on Medical education Technologies	12.04.2018	AIIMS Raipur
3.	Women Wellness: Impact of mental health	National Seminar on Women's Wellness: Impact of Health and Culture, Shakti Mahila Vigyan Bharti Samiti	28.07.2018	University Institute of Pharmacy, Pt. Ravishankar Shukla University Raipur
4.	Facilitating Teaching-Learning: Frontiers in Digital Technology	New Frontiers for Teaching, Learning and Research in the Digital Age, Continuing Education Program (CEP), Pharmacy Council of India	07.09.2018	Pt. Ravishankar Shukla University Raipur
5.	Chronomedicine; Correlates in Autonomic Dysfunctional States	5th Annual National Conference of Association of Physiologists of India	28.09.2018	Pramukhswami Medical College, Karamsad Gujrat
6.	Chronobiology to Chronomedicine: my journey from lab to field to clinics	4 th World Congress of Chronomedicine, Indian Society for Chronomedicine	19.11.2018	King George Medical College Lucknow
7.	Circadian rhythm disturbance in Parkinson Disease	Symposium on Recent Advances in Parkinson's Disease	16.02.2019	Maulana Azad Medical College New Delhi
8.	Chronomedicine: Application in Health & Disease	5th National Workshop on Trends and Techniques in Chronobiology	6.03.2019	Pt. Ravishankar Shukla University Raipur
9.	Resource faculty & lecture on i) MCQ construction ii) Simulation based Assessment	National Workshop on Modern Assessment Methodologies in Physiology Education	30.03.2019	AIIMS, Raipur

Name of faculty member: Dr. Avinash S. Ingle

Sl. No.	Title of talk	Name of the CME/conference	Date	Organised by
1.	Simulation based Assessment in Physiology	National Workshop on Modern Assessment Methodologies in Physiology Education.	30.03.19	Dept. of Physiology, AIIMS Raipur
2.	Innovative teaching practices	NATCON-PHYSIOLOGY 2019, Nation conference of academy of physiology.	09.02.19	Organized by Academy of Physiology Nagpur
3.	Viva Voce	Two days medical education workshop	11.04.18	Exam hall, AIIMS- Raipur
4.	Fostering co-scholastic activities	Two days medical education workshop	12.04.18	Exam hall, AIIMS- Raipur
	Microteaching			
6.	Introduction to Simulation	Two days basic simulation education course for faculty of AIIMS Raipur.	04.08.18 & 05.08.18	Dept. of Physiology AIIMS Raipur

Name of faculty member: Dr. Ekta Khandelwal

S. No.	Title of talk	Name of the CME/conference	Date	Organised by
1.	Objective Structured Practical Examination and Demonstration	National Workshop on Modern Assessment Methodologies in Physiology Education	30.03.2019	AIIMS Raipur

Name of faculty member: Dr. Jayshri R. Ghatge

S. No.	Title of talk	Name of the CME/conference	Date	Organised by
1.	Resource faculty & lecture on <ul style="list-style-type: none"> • Item analysis of MCQ • Simulation based Assessment 	National Workshop on Modern Assessment Methodologies in Physiology Education	30.03.2019	Department of Physiology, AIIMS Raipur

Sl. No.	Authors	Title of presentation	Name of the conference	Date	Organised by
1.	RVMV Prasad, Sinha M, Ghatge J & Sinha R.	Effect of increased Body Mass Index on resting and post exercise Heart Rate Variability.	Conaissance, 2018	21.04.2018	JIPMER Puducherry
2.	Irfana A, Ghatge J, Sinha M & Sinha R.	Alteration of Heart Rate Variability during post exercise recovery in young healthy individuals with poor physical fitness.	Conaissance, 2018	21.04.2018	JIPMER Puducherry

Sl. No.	Authors	Title of presentation	Name of the conference	Date	Organised by
3.	Khandelwal E, Suryawanshi G	Cardiovascular Response to Graded Metaboreflex	NATCON	8.02.2019 to 10.02.2019	Academy of Physiology Nagpur
4.	Ghate J , Irfana A & Sinha M.	Association of Physical Fitness with Post Exercise Heart Rate Variability in Young Healthy Males	5th Annual National Conference of Association of Physiologists of India ASSOPICON2018	27.09.2018	Dept. of Physiology, Pramukhswami Medical College, Karamsad, Gujarat

List of oral papers/posters presented

RESEARCH

Funded Projects

Ongoing

Sl. No.	Title of the project	Name of Principal Investigator	Funding Agency	Duration (years)	Start year- End year	Total funds sanctioned (Rs)
1.	Alterations in circadian rhythmicity of Heart Rate Variability and activity cycle in asthmatic patients & its implications	Dr. Meenakshi Sinha	AIIMS Raipur (Intramural)	1 year	2018-2019	5,00,000/-
2.	Predictors of Cardiovascular risk in Chronic Obstructive Pulmonary Disease (COPD) Patients	Dr. Meenakshi Sinha (Co-Investigator) PI from Pt. Ravishankar Shukla Univ. (Dr.M. Mitra)	CG council of Science & Technology (Extramural)	2 years	2016-2018	5,00,000/-
3.	Alterations in Rhythmicity of Heart Rate Variability in individuals with Lark and Owl type Chrono-personality (UG project)	UG student- Paritosh Gupta (MBBS 2017 batch) Guide- Dr. Ramanjan Sinha	ICMR-STC	4 months	2019	20,000/-

Sl. No.	Title of the project	Name of Principal Investigator	Funding Agency	Duration (years)	Start year-End year	Total funds sanctioned (Rs)
4.	Neuro-Cognitive Profile of Individuals with Morning and Evening Chronotypes at Different Times of Day (UG project)	UG student- Nanditha Venkat (MBBS 2015 batch) Guide- Dr. Meenakshi Sinha	ICMR-STS	4 months	2019	20,000/-
5.	Assessment of cognitive functions & its association with sleep-wake pattern and light at night (LAN) exposure duration in chronic obstructive pulmonary disease (COPD) patients	Principal Investigator – Dr. Babita Pandey Mentor/ Guide- Dr. Meenakshi Sinha	Post Doctorate Fellowship of Cognitive Science Research Initiative of DST, Govt. of India	2 years	2019-2021	17,20,000/-
6.	Pattern and Profile of Endothelial Dysfunction in Patients of Sickle Cell Anemia	UG student- Saurabh Chatterjee (MBBS 2017 batch) Guide- Dr. Ekta Khandelwal	ICMR-STS	4 months	2019	20,000/-
7.	Correlation study of Endothelial Function & Biomarkers in Patients of Sickle Cell Anemia at Chhattisgarh	Dr. Ekta Khandelwal	AllMS Raipur	1 year	2019-2020	5,00,000/-
8.	Association of serum vitamin D status with somatic and autonomic neuropathy in Prediabetics	Dr. Jayshri R. Ghate	AllMS Raipur	1yr	December 2018- December 2019	4,97,000/-

Completed

Sl. No.	Title of the project	Name of Principal Investigator	Funding Agency	Duration (years)	Start year-End year	Total funds sanctioned (Rs)
1.	Effect of alteration in oxygen saturation on cortical activity of obese individuals.	Sakshi Otewani (UG Student) Guide: Dr. Meenakshi Sinha	ICMR-STC	4 months	2017-18	10,000/-
2.	Effect of obesity on Brainstem auditory and visual evoked potentials in young male. ICMR-STC	Lakshmi Kamala Nara (UG Student) Guide: Dr. Jayshri Ghate	ICMR-STC	4 months	2017-18	10,000/-

Departmental Projects (including thesis/dissertations)

Ongoing

Sl. No.	Title of the Project
1.	A study on analysis of effectiveness of Assessment tools in stratifying performance during formative assessment of first year MBBS students in Physiology (Intramural)
2.	Neurocognitive correlates of Polycystic Ovarian Syndrome (MD thesis)
3.	Alteration in Neural and cognitive status in Asthmatic patients (MD thesis)
4.	Influence of body composition parameters on exercise performance in obese adult males; a cross sectional study (MD thesis)
5.	Assessment of event related potentials and visual evoked potentials in night shift workers (Student Project)
6.	Effect of high resistance exhalation activity on exercise tolerance in young adult Indian males.

Completed

Sl. No.	Title of the project
1.	Effect of hyperoxia and hypoxia on Heart Rate Variability in adult obese individuals

Collaborative projects

Ongoing

Sl. No.	Title of the project	Collaborating department/institution
1.	Predictors of Cardiovascular risk in Chronic Obstructive Pulmonary Disease (COPD) Patients (Extramural)	Dept. of Pulmonary Medicine, AIIMS, Raipur and Dept. of Anthropology & Regional Studies, PRSU, Raipur
2.	Effect of psychological intervention on psychological and physiological status of type 2 diabetic patients (Ph.D. thesis)	Dept. of Psychology, PRSU & Dept. of Medicine, AIIMS, Raipur

3.	Alterations in circadian rhythmicity of Heart Rate Variability and activity cycle in asthmatic patients & its implications”(Intramural)	Dept. of Pulmonary Medicine, AIIMS, Raipur & School of Life Sciences, Centre for Translational Research in Chronobiology, PRSU, Raipur
4.	Association of serum vitamin D status with somatic and autonomic neuropathy in Prediabetics’ (Intramural)	Department of Internal Medicine & Department of Biochemistry, AIIMS Raipur
5.	Assessment of percentage body fat by using ultrasound techniques in adult Indian males	Dept. of cardiothoracic vascular surgery (CTVS), AIIMS Raipur. & College of Physical education, Pt RSU Raipur

PUBLICATIONS

Papers published in journals

- RVMV Prasad, **M Sinha, J Ghate, R Sinha.** Resting and post exercise Heart Rate Variability in preobese individuals: a comparative study. Asian J Med Sc 9 (4): 23-30, 2018.
- Tripathi S, **Khandelwal E.** Cardiovascular autonomic Dysfunction in patients of orthostatic hypotension. IJAR; 9 (3): 10-12, March 2019.
- Tripathi S, **Khandelwal E.** Profile of Pulmonary functions in pediatric patients of sickle cell disease in central India IJSR; 8 (3): 20-21 March 2019.
- **Khandelwal E,** Tripathi S & Jaryal AK. Overview of Autonomic function testing chikitsak; 3(3): 2-9, July 2018.

List of abstracts published in journals

- **Sinha M.** Circadian Rhythm Disturbances in Respiratory Diseases. Proceedings of International Symposium on Biological Rhythms, Indian Society for Chronobiology, Session 9; Pg. 53; 2019.
- RVMV Prasad, **Sinha M, Ghate J & Sinha R.** Effect of increased Body Mass Index on resting and post exercise Heart Rate Variability. Connaissance; 2018.
- Irfana A, **Ghate J, Sinha M & Sinha R.** Alteration of Heart Rate Variability during post exercise recovery in young healthy individuals with poor physical fitness. Connaissance; 2018.
- **Ghate J,** Irfana A & **Sinha M.** Association of Physical Fitness with Post Exercise Heart Rate Variability in Young Healthy Males. Proceedings of 5th Annual National Conference of Association of Physiologists of India; pg 42; 2018.

PATIENT CARE

Standardized Autonomic and Vascular function testing for patient care & Research as same norms & Standard of AIIMS New Delhi, for Prognosis, Diagnosis and management of patients.

- **Autonomic and Vascular Function Testing Clinic:**

Faculty In-Charge: Dr. Ekta Khandelwal: Total No of Patients tested = 300

AWARDS, HONOURS AND SIGNIFICANT EVENTS

- Dr. Ramanjan Sinha organised National Workshop on Medical Education Technologies as Organising Chairperson, March 2019.
- Dr. Meenakshi Sinha:
 - 1) Awarded National Fellow of Chronomedicine at World Congress of Indian Society of Chronomedicine, November, 2018.

- 2) Organised National Workshop on Medical Education Technologies as Organising Secretary, March 2019.
 - Dr. Avinash S. Ingle:
 - 1) Organised two day workshop on medical education technologies for AIIMS faculty.
 - 2) Organized two day 'Basic simulation education course' for AIIMS faculty and SR on 4th and 5th August at department of Physiology, AIIMS Raipur.
 - 3) Organised National Workshop on Medical Education Technologies as Joint- Organising Secretary, March 2019.
 - 4) Working as a member secretary (MEU AIIMS Raipur) prepared the basic draft of a new MBBS curriculum for the institute.
 - 5) Working as a Nodal officer of the institute for UGC, following their orders to upload the information on AISHE (all India survey on higher education) survey.

MBBS STUDENT SEMINAR AWARD SESSION IN PHYSIOLOGY



NATIONAL WORKSHOP ON MODERN ASSESSMENT METHODOLOGIES IN PHYSIOLOGY



PSYCHIATRY

Associate Professor

Dr. Lokesh Kumar Singh

Assistant Professor

Dr. Sucharita Mandal

Dr. Sai Krishna Tikka

(Joined on 18.06.2018)

HIGHLIGHTS

The department observed the World Mental Health Day- 2018 by successfully organizing a spectrum of events:

- Suicide detection and prevention 'gate-keeper training' for undergraduate medical and nursing students
- Inter school debate competition on "technology: a boon for mankind",
- Photo-caption contest on "the exuberance of youth" for staff and students of AIIMS Raipur,
- release of a short movie on youth and substance addiction- "Ek Nayi Udaan", etc.



‘Caring autism’- a state level workshop for parents

The department organized a state level workshop for parents of children with autism spectrum disorders- ‘caring autism’ on 8.12.2018. An eclectic set of renowned speakers from psychiatry, clinical psychology, child psychology, rehabilitation psychology, physiotherapy (sensory integration) delivered lectures as part of this workshop.

AWARDS

Dr. Lokesh Kumar Singh was adjudged the winner of ‘Poona Psychiatrists Association (PPA)- I 2019’ award for the best paper published by any life fellow of the Indian Psychiatric Society (IPS) at Annual National Conference of IPS (ANCIPS)-2019. Dr. Sai Krishna Tikka received the IPS- Young Psychiatrist Award (YPA) for the year 2018 at ANCIPS-2019.

OTHER HIGHLIGHTS

This year postgraduate programme- MD Psychiatry was started in the department with two students joining the course this year. The department has been able to successfully collaborate with Indian Institute of Management (IIM) Raipur and has started “community outreach services” at IIM, Raipur. While having received an extramural grant from the Chhattisgarh State Planning commission, the department faculty have successfully bagged five intramural research projects during this year. Overall, the department was able to publish 20 chapters/research papers this year. An important highlight was the release of the Chhattisgarh state report of National Mental Health Survey by then Hon’ble Chief Minister of Chhattisgarh Shri Raman Singh Ji on 24.07.2018.



EDUCATION

The department has clinical teaching activities as part of MD Psychiatry/MBBS/BSc/MSc Nursing academic curriculum; faculty members teach the students to diagnose and treat various psychiatric disorders. In the last year (2018-19) 59 undergraduate case demonstrations and discussions. faculty members emphasis on establishing rapport with patients and guardian during their interactions and to be able to empathize with the state of mind of patients. Along with clinical teaching, regular theory classes have been taken as part of the curriculum.

CMEs/WORKSHOP/SYMPOSIA/NATIONAL & INTERNATIONAL CONFERENCES

S. No.	Workshop Title	Date	Organized by
1.	Suicide detection and prevention 'gate-keeper training' for undergraduate medical and nursing students	08.10.2018	AIIMS Raipur
2.	"Caring autism": a state level workshop for parents of children with autism spectrum disorders	08.12.2018	AIIMS Raipur

LECTURES DELIVERED AT CMEs, NATIONAL & INTERNATIONAL CONFERENCES

Name of faculty member: Dr. Lokesh Kumar Singh

S. No.	Title of talk	Name of the CME/conference	Date	Organized by
1.	Role of Institutions	State strategy on suicide prevention, Chhattisgarh state Government	26.07.2018 27.07.2018	MoHFW, CG Raipur
2.	Stress in Students-II	Stress in Students	14.03.2019	IIM Raipur
3.	Psychological wellbeing	'Professional Development Training' for faculty members of TEQIP-III	09.05.2018	IIM Raipur
4.	"Faded Smiles" – A step against depression	Seminar on mental health	23.01.2019	NIT Raipur
5.	"Managing Conflicting Emotions"	"Managing Conflicting Emotions"	26.03.2019	RBI Raipur
6.	Assistive technology	Study on Status & Rehabilitation of People with Disability & Socially Excluded Groups, State Planning Commission	31.07.2018	State Planning Commission Raipur
7.	Drug demand reduction	One day workshop and capacity building on Drug demand reduction and drug abuse for Panchayati Raj institutions across state	22.02.2019 13.03.2019 14.03.2019 15.03.2019	Thakur Pyarelal State Institute of Panchayat& Rural Development Raipur
8.	Application of "IDEAS Scale	Training on application of "IDEAS Scale" to primary healthcare physician, Chhattisgarh state Government	10.08.2018	Department of Health and Family welfare, Government of Chhattisgarh, Raipur

Name of faculty member: Dr. Sucharita Mandal

S. No.	Title of talk	Name of the CME/conference	Date	Organized by
1.	Learning Disorders	Study on Status & Rehabilitation of People with Disability & Socially Excluded Groups, State Planning Commission	01.08.2018	State Planning Commission, CG Naya Raipur
2.	Comorbidity and role of medications	A state level workshop for parents of children with autism spectrum disorders- "caring autism"	08.12.2018	AllMS Raipur

Name of faculty member: Dr. Sai Krishna Tikka

S. No.	Title of talk	Name of the CME/conference	Date	Organized by
1.	Stress in Students	CME on Stress in Students	14.03.2019	IIM Raipur

Name of faculty member: Dr. Sharda Singh

S. No.	Title of talk	Name of the CME/conference	Date	Organized by
1.	Learning Disorders	Study on Status & Rehabilitation of People with Disability & Socially Excluded Groups, State Planning Commission	01.08.2018	State Planning Commission, Naya Raipur
2.	Introduction & Challenges to Inclusive Education	National Curriculum Frame, 2005 for especially the differently abled children in school system	26.09.2018	Composite Regional Centre Rajnandgaon
3.	Ensuring Safety for children with Disabilities	Crisis intervention- Supporting children in difficult situations	28.11.2018 to 30.11.2018	Composite Regional Centre Rajnandgaon
4.	Understanding autism	A state level workshop for parents of children with autism spectrum disorders- 'caring autism'	08.12.2018	AllMS Raipur

Name of faculty member: Dr. Supriya Mahant

S. No.	Title of talk	Name of the CME/conference	Date	Organized by
1.	Assistive technology	Study on Status & Rehabilitation of People with Disability & Socially Excluded Groups, State Planning Commission	31.07.2018	State Planning Commission Naya Raipur
2.	Policies supporting inclusion like UNCRPD, RCI, Persons with Disabilities Act children in difficult situations	Introduction & Challenges to Inclusive Education	27.09.2018	Composite Regional Centre Rajnandgaon

S. No.	Title of talk	Name of the CME/conference	Date	Organized by
3.	Understanding transition phases of mental illness	Understanding Transition in the Life of Persons with Disabilities Across Life Span, Infant, Children, Adolescent and Old Age	04.02.2019	Lions Charitable Trust, Teachers Training Institute, Prayas Bhilai Durg

LIST OF ORAL PAPERS/POSTERS PRESENTED

S. No.	Authors	Title of Presentation	Name of the Conference	Date	Organized by
1.	Tikka SK	Resting state oscillatory power and functional connectivity in schizophrenia: A high-resolution EEG study	Annual National Conference of IPS (ANCIPS)	03.02.2019	Indian Psychiatric Society, Lucknow
2.	Tikka SK, Singh LK	Standardization of an Indian, computerized, colour-comic based 'Irony comprehension' task	Annual National Conference of IPS (ANCIPS)	03.02.2019	Indian Psychiatric Society, Lucknow

RESEARCH

Funded Projects

Ongoing

S. No.	Title of the Project	Name Principal Investigator	Funding Agency	Duration (years)	Start year-End year	Total funds sanctioned (Rs.)
1.	Efficacy of brief tobacco cessation intervention on pattern and attitudes towards tobacco chewing in newly diagnosed head and neck cancer patients and their relatives: A pilot randomized controlled trial from Chhattisgarh	Dr. Lokesh Kumar Singh	State Planning Commission, Chhattisgarh	01	2019-2020	3,55,125
2.	Soft bipolarity and biomarkers in patients with cannabis use disorder- a controlled family study	Dr. Lokesh Kumar Singh	Intramural (AIIMS Raipur)	01	2019-2020	2,60,000
3.	Understanding the role of inflammation in Major depression - A Pilot Study	Dr. Sucharita Mandal	Intramural (AIIMS Raipur)	01	2019-2020	5,00,000
4.	Emotional Valence, Irony Comprehension and Theory of Mind as Predictors of Relapse in Alcohol Dependence Syndrome	Dr. Sai Krishna Tikka	Intramural (AIIMS Raipur)	01	2019-2020	1,45,000

Departmental Projects (including thesis/dissertations)

Ongoing

S. No.	Title of the Project
1.	Cognitive functioning as a trait marker in cannabis use disorder

Completed

S. No.	Title of the Project
1.	Predictors of treatment retention in patients receiving opioid substitution therapy
2.	Sexual dysfunction and satisfaction in individuals with Alcohol dependence- A controlled study
3.	Perspectives, attitude and practice of lithium prescription among psychiatrists in India

Collaborative Projects

Ongoing

S. No.	Title of the Project	Collaborating Department/Institution
1.	Effect of 6 months use of SSRI on the surrogate markers of atherosclerosis	Pharmacology
2.	Alterations in neural and cognitive status in asthmatic patients	Physiology
3.	Neurocognitive correlates of Polycystic ovarian syndrome	Physiology

PUBLICATIONS

I. List of papers

- Tikka, SK, Singh, LK,** Mamidipalli, SS, Purushotham, A, Suchandra, KHH. Buprenorphine/naloxone maintenance for “poppy husk” dependence: A retrospective study. *Asia-Pacific Psychiatry*. 2019; e12358. [Epub ahead of print] PMID: 31050193.
- Singh LK,** Suchandra KHH, Pattajoshi A, Mamidipalli SS, Kamal H, Singh S, et al. Internet addiction and daytime sleepiness among professionals in India-A web based survey. *Indian Journal of Psychiatry*. 2019; 61: 265-269.
- Singh S, Singh LK,** Sahu M, **Tikka SK.** Do comorbidities among patients with mental retardation differ across various age groups? *Asian Journal of Psychiatry*. 2019; 13; 39:12-14.
- Singh LK,** Mamidipalli SS, Das S, **Tikka SK,** Arora R. Cauliflower ear in late onset psychosis. *Asian Journal of Psychiatry*. 2019; 39: 6-7.
- Agarwal R, Garg S, **Tikka SK,** Khatri S, Goel D. Successful use of theta burst stimulation (TBS) for treating psychogenic non epileptic seizures (PNES) in a pregnant woman. *Asian Journal of Psychiatry*. 2019; 43:121-122.
- Mandal S,** Mamidipalli S, Bodhey N, Pati S. Comorbidity of bipolar disorder and dementia: the diagnostic dilemma. *Open Journal of Psychiatry & Allied Sciences*. 2019 Jun 1; 10:178.
- Garg S, Khesr CR, Khattri S, Mishra P, **Tikka SK.** A study of physical anhedonia as a trait marker in schizophrenia. *Industrial Psychiatry Journal* 2018; 27:235-9.
- Pradeep BS, Gururaj G, Varghese M, Benegal V, Rao GN, Sukumar GM, Amudhan S, Arvind B, Girimaji S, K T, P M, Vijayasagar KJ, Bhaskarapillai B, Thirthalli J, Loganathan S, Kumar N, Sudhir P, Sathyanarayana VA, Pathak K, **Singh LK,** et al. National Mental Health Survey of India, 2016 - Rationale, design and methods. *PLoS One*. 2018; 13: e0205096. Doi: 10.1371/journal.pone.0205096.

9. **Singh LK**, Nizamie SH, **Tikka SK**. Sleep architecture and EEG power spectra in recently detoxified alcohol dependent patients. *Asian Journal of Psychiatry*. 2018; 32: 126-36.
10. **Singh LK**, Mamidipalli SS, Bodhey NK, Nandan NK, Chandrakar N. The missing link between late-onset separation anxiety and dementia. *Journal of Geriatric Mental Health*. 2018; 5: 68-70.
11. Suchandra KHH, **Singh LK**, Mamidipalli SS. An Overview of Internet Addiction in India. *The Odisha Journal of Psychiatry*. 2018; XXVI: 6-14.
12. Purushotham A, Sinha VK, Goyal N, **Tikka SK**. Intermittent theta burst stimulation induced seizure in a child with schizophrenia: A case report. *Brain Stimulation*. 2018; 11: 1415-1416.
13. Umesh S, Nizamie SH, Goyal N. **Tikka SK**, Bose S. Social anhedonia and gamma band abnormalities as a composite/multivariate endophenotype for schizophrenia: a dense array EEG study. *Early Intervention in Psychiatry*. 2018; 12: 362-371.
14. **Tikka SK**, Garg S. Sandpaper-Gate: Psychology Plays its Innings. *Indian Journal of Psychological Medicine*. 2018; 40: 296-298.
15. Abhishek P, Nizamie SH, Dubey I, Goyal N, **Tikka SK**, Pachori H, Kumar D, Katshu MZUH. Lower P300 amplitudes for internally-generated events in patients with schizophrenia. *Asian Journal of Psychiatry* 2018; 35: 67-71.
16. Agashe S, Walia T, Tikka DL, Das B, Ram D, **Tikka SK**. An Indian, Comic-based, Online-EEG Paradigm for Theory of Mind: An Exploratory, Pilot Study on Schizophrenia Patients. *Indian Journal of Psychological Medicine*. 2018; 40: 568-573.
17. Karkal R, Goyal N, **Tikka SK**, Khanande RV, Kakunje A, Khess CRJ. Sensory Gating Deficits and their Clinical Correlates in Drug-Free/ Drug-Naive Patients with Schizophrenia. *Indian Journal of Psychological Medicine*. 2018; 40: 247-256.

II. List of abstracts published in journals

1. Ganesh S, Vidya KL, **Tikka SK**, et al. Characterizing cannabinoid induced acute persistent psychosis (CIAPP) as a possible subtype of schizophrenia using deep learning. *Schizophrenia Bulletin*. 2019; 45: S194.
2. D'Souza DC, Vidya KL, **Tikka SK**, et al. Behavioral, cognitive, and psychophysiological characterization and short-term course of cannabinoid- induced acute persistent psychosis (CIAPP). *Schizophrenia Bulletin*. 2019; 45: S121-S122.

III. List of chapters in books

S. No.	Author(s) of Chapter	Chapter Title	Name of the Editor	Name of the Book	Edition	Publisher	Year of Publication
1.	Tikka SK , D'Souza DC.	The Association Between Cannabinoids and Psychosis. (pg. 127-156)	Montaya ID, Weiss S	Cannabis Use Disorder	01	Springer Nature, New York	2019
2.	Mamidipalli SS, Tikka SK , Siddique MA.	Critical overview of polypharmacy debate (pg. 107-120)	Singh PK	Different strokes: Advancing frontiers of psychiatric therapeutics	04	Indian Psychiatric Society, New Delhi	2019

PATIENT CARE

In patient care/supportive activities include information regarding:

(a) Facilities available in the department

1. Management of major psychiatric disorders including adult psychiatry, child psychiatry, geriatric psychiatry, substance use disorders, psychosexual disorders- In-patient/ Out-patient basis
2. Consultation –liaison psychiatry
3. Special clinic for patients of opioid dependence- every Monday and Thursday

(b) Community services/camps etc.

- The department actively conducted special clinics and public awareness camps in department.
- Community outreach clinic at IIM, Raipur

Department Statistics: (from 01.04.2018 to 31.03.2019)

Total OPD attendance was 16983, admitted in IPD Services was 388. The Special clinics attendance was 2983. The clinical psychology assessment and therapies were 704 and child psychology assessment and therapies were 444.

AWARDS, HONOURS AND SIGNIFICANT EVENTS

Dr. Lokesh Kumar Singh, Associate Professor:

- Poona Psychiatrists Association-I Award, at Annual National Conference of IPS (ANCIPS)-2019.
- First prize, Journal Club and Project Presentation at 10th International course in “health research methodology and evidence-based medicine”, St. John Research Institute, Bengaluru, 2018.
- Invited as Expert for formulation of State Mental Healthcare Act, Chhattisgarh State Government.

Dr. Sai Krishna Tikka, Assistant Professor:

- Young Psychiatrist Award at Indian Psychiatric Society (IPS) at Annual National Conference of IPS (ANCIPS)-2018
- Selected as CONVENER, “walking mentally disturbed”- task force by Indian Psychiatric Society (IPS) – 2019.

Dr. Supriya Mahant, Assistant Professor:

- Invited as Expert for formulation of State Mental Healthcare Act, Chhattisgarh State Government

Dr. Sai Spoorthy Mamidipalli, Senior Resident:

- “Schizophrenia International Research Society (SIRS)- Travel fellowship- 2018” and attended the 6th biennial SIRS conference, Florence, Italy, April’ 2018.
- “Young Psychiatrist Award”, Pacific Rim College of Psychiatrists- 2018.

Dr. Shrayasi Das, PG Junior Resident:

- First prize in the quiz conducted at the PG Development Programme, Central Zone, IPS held at Mussoorie, August, 2018.

Dr. Sharda Singh, Child Psychologist:

- Introduction & Challenges to Inclusive Education: A Resource Person to deliver lecture on the topic “National Curriculum Frame, 2005 for especially the differently able children in school system” on 2609. 2018.
- Ensuring Safety for children with Disabilities: Resource Person to deliver lecture on the topic “Crisis intervention *Supporting children in difficult situations”. From 28.11.2018 to 30.11.2018.

Pulmonary Medicine and Tuberculosis

Associate Professor

Dr. Ajoy Kumar Behera

Assistant Professor

Dr. Ranganath T.G

Dr. Dibakar Sahu

HIGHLIGHTS

The department organized a National Symposium on pulmonary Medicine on 15.09.2018, World COPD Week, World TB Week to sensitize regarding newer guidelines among all students (MBBS, B.Sc. Nursing), Staff, Residents, Faculties. The department started RNTCP facility, PFT lab, Bronchoscopy Suit, special counseling to MDR & XDR TB patients & sleep disorders like OSA (Obstructive Sleep Apnea) patients. Special clinics are running for

Asthma and Allergy, ILD, Sleep disorders. The National Programme i.e. RNTCP (Revised National Tuberculosis Control Programme) having RNTCP lab with DOTS center is running in the hospital by direct supervision of the department for the diagnosis and treatment of all forms of Tuberculosis patients. The department also organize special health camp for poor and high risk population those who are exposed to environmental pollution.

EDUCATION

- Training: Training to the MBBS Students, B.Sc. Nursing students, Residents (JR&SR), Staff Nurse and Faculties of AIIMS, Raipur regarding RNTCP newer guidelines and daily regimen (DOTS) in collaboration with state RNTCP unit.
- Seminar: Regular departmental seminar conducting among Residents.

CMEs/WORKSHOPS/SMPOSIA/NATIONAL AND INTERNATIONAL CONFERENCES

Name of Faculty: Dr. Ajoy Kumar Behera

Sl. no	Title of Talk	Name of CME / Conference	Date	Organized by
1.	Pulmonary Medicine Update	National Symposium on pulmonary Medicine	15.09.2018	AIIMS Raipur
2.	Air pollution & Health	Seminar for Doctors & Journalists BY SHRC	26.11.2018	AIIMS Raipur
3.	Basic & Advanced Bronchoscopy	20 th National Conference on Pulmonary Diseases	29.11.2018 to 02.12.2018	Gujarat University Ahmadabad
4.	Clean Air is a Human Right	Doctors for clean Air	04.12.2018	'Long India Care' New Delhi
5.	Common Respiratory Diseases on Elderly	Master Trainer for National Programme for the Elderly (NPHC) by HFW dept	16.01.2019	Health & FW dept. Raipur
6.	Magnitude of Air Pollution & its Impact in Urban locality	National Environmental Health Profile Project	25.02.2019	Ministry of Environment & Forest. New Delhi
7.	RNTCP-2019 Update	RNTCP Regional workshop	16.03.2019	AIIMS Raipur
8.	Tuberculosis & its Co-morbidities	Recent update under RNTCP	19.03.2019	CCMCH, Durg
9.	RNTCP-2019 Update	Faculties Sensitization Programme	28.03.2019	AIIMS, Raipur

Name of Faculty: Dr. Ranganath T.G

SL.No.	Title of Talk	Name of CME/Conference	Date	Organized by
1.	Pulmonary Medicine update	Pulmonary Medicine update 2018	15.09.2018	AIIMS, Raipur

Name of Faculty: Dr. Dibakar Sahu

1.	Pulmonary Medicine update	Pulmonary Medicine update 2018	15.09.2018	AIIMS, Raipur
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RESEARCH

FUNDED PROJECTS:

S.No.	Title of the project	Name of principal investigator	Funded by	Duration	Start Year End Year	Total Fund Sanction
1.	National Environmental Health profile study	Dr. Ajoy Kumar Behera	Ministry of Environment, Forest & climate Change	3 years	2019-21	52,67,000/-
2.	Therapeutic efficacy of Yoga on Biochemical profile, anxiety and sleep quality indend of asthma patients – Pilot project.	Dr. Ajoy Kumar Behera	AIIMS, Raipur (Intramural)	1 Year	2019-20	5,00,000/-
3.	Evaluation of Fluorescein Diacetate viability staining during follow up examination of smear positive Pulmonary Tuberculosis.	Dr. Ajoy Kumar Behera as CO-PI	RNTCP	1 Year	2019-20	2,00,000/-

Departmental projects

- On “Alteration in neural and cognitive status in asthmatic patients”

Completed

1. ‘Pulmonary and autonomic correlates of slow breathing due to change of posture on healthy human subjects’
2. Development of Automated Lung sound based system for diagnosis of COPD.

Collaborative projects

Clinic pathological & Immunohistochemical profile of primary lung carcinoma in tertiary care hospital – Pathology.

PUBLICATIONS

1. Haider NS, Singh BK, Periyasamy R, **Behera AK**. Respiratory Sound Based Classification of Chronic Obstructive Pulmonary Disease: a Risk Stratification Approach in Machine Learning Paradigm. Journal of Medical Systems. 2019;43(8):255.
2. Negi SS, Singh P, Chandrakar S, Gaikewad U, Das P, Bhargava A, **Behra A**, Nagarkar

NM. Diagnostic Evaluation of Multiplex Real Time PCR, GeneXpert MTB/RIF Assay and Conventional Methods in Extrapulmonary Tuberculosis. Journal of Clinical & Diagnostic Research. 2019;13(1): DC12-DC16.

3. Negi SS, Singh P, Bhargava A, Chandrakar S, Gaikwad U, Das P, **Behra A.** Effective pragmatic approach of diagnosis of multidrug-resistant tuberculosis by high-resolution melt curve assay. Int J Mycobacteriol 2018; 7:228-35

PATIENT CARE

A. Facilities available in the department.

Total OPD attendance was 13950, admitted in IPD Services was 284. The Special clinics attendance was Asthma and Allergy (192), ILD (32), Sleep disorders (85). Total Pulmonary function Test-2517, Bronchoscopy-120, Nebulization – 399 was done. In RNTCP services total no of slide examined were 1474, total no of positive cases were 141, total no of patients put on DOTS were 167. Special counseling and screening for sleep disorder was given to 85 patients.

B. Community Services/Camps etc.

1. Three Special Health Camps were organised in Air force camp, Mana, Raipur; Korba and AIIMS Raipur with total attendance of 265.

AWARDS, HONOURS AND SIGNIFICANT EVENTS:

Dr. Ajoy Kumar Behera was selected as Chairperson of state task force (STF) for RNTCP by central TB division. (CTD), New Delhi, selected as principal Investigator for National Environment Health profile study for the state of Chhattisgarh by Ministry of Environment, Forest & climate change GOI, selected as champion for the “Clean Air for all” for the state of Chhattisgarh by the lung care foundation, Delhi.

CAMP AT KORBA (06.04.2018)



CAMP AT AIRFORCE HQ Mana on COPD week (7.11.2018)



WORLD COPD DAY 2018(19.11.2018)



RADIO DIAGNOSIS

Professor & Head

Dr. Narendra Kuber Bodhey

Assistant Professor

Dr. Saroj Kumar Pati

Dr. Naveen Kumar

HIGHLIGHTS

The department of Radiodiagnosis is now well equipped with all state of the art equipments like, digital Radiography (1000 mAs), Doppler USGs, Multidetector CTs (128 slice and 256 slice), Digital Substraction Angiography, MRI 3 tesla, Digital Mammography system, Digital OPG, Portable

Xray machines, Computed Radiography system. In addition to the infrastructure development the post graduate MD seats in Radiology also increased to 5 per year (3 for January and 2 for July session). The number of PG incumbency by end of March 2019 is 5.

EDUCATION

Undergraduate

25 hours of teaching

Post graduate

Seminars -20

Case presentations – 35

Film Reading sessions – 62

Radiopathology interdepartmental sessions- 6

LECTURES DELIVERED AT CMEs, NATIONAL & INTERNATIONAL CONFERENCES

Name of Faculty Member: Prof. Dr. Narendra Bodhey

S. No.	Title of talk	Name of the CME/Conference	Date	Organized by
1.	'Radiology – Medical Image processing'	III STTP on Medical Image and Signal Processing.	25.06.2018	NIT Raipur
2.	How to read MRI Spine	First PG teaching Course,	16.12.2018	AIIMS Raipur
3.	Key Note Address: Health Care and technology	1st International conference on Biomedical Engineering Science and Technology: Roadway from Laboratory to Market.	20.12.2018	NIT Raipur
4.	Innovations in the healthcare field: Current Status and future Challenges	Half day workshop on Cognitive Skills, Design thinking and Critical Thinking	05.01.2019	IIT Bhilai Bhilai

RESEARCH

Departmental Projects (including thesis/dissertations)

Ongoing

S. No.	Title of the Project
1.	Assessment of Ventricular function and late gadolinium enhancement patterns in patients of non-ischemic cardiomyopathy with 3Tesla MRI
2.	Evaluation of diffusion weighted MR Imaging and diffusion tensor imaging in spinal tuberculosis with 3 Tesla MRI
3.	Differentiation between classic and atypical meningiomas by diffusion tensor imaging and diffusion weighted imaging with 3 Tesla MRI

Collaborative Projects

Ongoing

S. No.	Title of the Project	Collaborating Department/Institution
1.	Computer Aided Detection of Breast Lesions: A study on different imaging modalities	Dept of Biomedical Engineering, National Institute of Technology, Raipur
2.	Deep Learning based Corpus Callosum segmentation and its application in detection of diseases	Dept of Electronics & Telecommunication, National Institute of Technology, Raipur
3.	Automated detection of blood vessels and airways in CT images of the Lung	Dept of Electrical Engineering, National Institute of Technology, Raipur

PUBLICATIONS

- LK Singh, SS Mamidipalli, **NK Bodhey**, NK Menon, N Chandrakar. The missing link between late onset separation anxiety and dementia. J of Geriatric Mental Health, 2018, 5: 68-70.

PATIENT CARE

The patient care services have been ever increasing in number. The total number of investigations in this year were X-rays (33048), USG with Doppler (6688), Mammography (154), CT Scans (4275), MRI (1783), Procedures including DSA and other image guidance (326), Digital OPG (2097), Portable X-rays (2278), Radiology OPD attendance for procedures (168).

AWARDS, HONOURS AND SIGNIFICANT EVENTS

- Dr Narendra Bodhey is member of the Academic Committee of the dept of Biomedical Engineering, National Institute of Technology, Raipur. Reviewer on the American Journal of Roentgenology, Indian Journal of Radiology and Imaging, Annals of Cardiac Anaesthesia. He is Guide/Supervisor for the PhD projects at NIT Raipur and reviewer of the papers presented at the International Conference on Biomedical Engineering Science and Technology.

RADIO THERAPY

Associate Professor

Dr. Siddhartha Nanda

HIGHLIGHTS

Linear Accelerator based External Beam Radiotherapy treatment has been started for patients at our department for cancer patients since 15.03.2019. We are presently treating

patients with Volumetric Arc Therapy, Intensity Modulated radiotherapy, 3 Dimensional Conformal Radiotherapy and Electron Beam therapy.

EDUCATION

- **Senior Resident:** Hands on training of Senior Residents regarding management of Oncology patients which includes OPD management, in patient management, radiotherapy planning, chemotherapy planning and delivery and clinical training.
- **Junior Residents:** Junior Residents posted in the department are trained in handling OPD patients and administering chemotherapy.
- **Nursing Students:** During the posting of nursing student they were taught basics of Oncology and were given practical training on preparation and delivery of cytotoxic chemotherapy agents.

Lectures delivered at CMEs, National and International conferences

Name of faculty member: Dr. Siddhartha Nanda

S. No.	Title of talk	Name of the CME/conference	Date	Organized by
1.	Role of Radiotherapy in Ca Prostate	CME on Management of Prostate cancer	04.02.2019	AIIMS Raipur
2.	Role of Radiotherapy in Brain Tumors	1 st Annual Brain Tumor Symposium	02.02.2019	AIIMS Raipur
3.	Role of Screening in Detection of Cancer	World Cancer Day Celebration	04.02.2019	AIIMS Raipur
4.	Role of Aprepetant in management of CINV	CME on Management of Chemotherapy induced Nausea & vomiting	24.11.2018	AIIMS Raipur

RESEARCH

Funded projects:
Completed

S. No.	Title of the project	Collaborating department/institution
1.	ICMR Short Term Studentship 2017: ASSESSMENT OF BASELINE CARDIAC AUTONOMIC FUNCTIONS IN CANCER PATIENTS	Department of Radiotherapy and Department of Physiology
2.	PROFILE OF CARDIOVASCULAR AUTONOMIC DYSFUNCTION IN BREAST CANCER PATIENTS	Department of Radiotherapy and Department of Physiology

PUBLICATIONS

1. Ramesh M, **Nanda S**, Misra B. Mucosal melanoma of the head-and-neck region: A single institutional clinical experience. South Asian Journal Cancer 2019; 8:26-40

2. Shrivastava AK, Behera P, Kumar B, **Nanda S**. Precision of intraocular lens power prediction in eyes shorter than 22 mm: An analysis of 6 formulas. *Journal of Cataract & Refractive Surgery*. 2018;44(11):1317–20.
3. Shrivastava AK, **Nanda S** and Misra B. Ocular Malignancy: Current Indian Scenario. *Austin Oncol*. 2018; 3(1): 1017.

PATIENT CARE

Department treated a total of 2874 patients received chemotherapy/supportive/follow up care in the current year at Day Care. The department is equipped to evaluate and diagnose and treat various cancer patients. The department has a functional day care for management of patients on Chemotherapy. Regular follow up of treated patients is also carried out for all our patients. Radiotherapy facility has started in our department since March 2019. We also provide supportive care and pain management is also done for terminally ill patient.

AWARDS, HONOURS AND SIGNIFICANT EVENTS

- Underwent training at University of Mannheim, Germany in March 2019.
- Gold Medal for best paper entitled “Profile of Ocular malignancies at AIIMS, Raipur” in Community Ophthalmology at 19th Annual Conference of Chhattisgarh State Ophthalmic Society 2018.
- Mr Ajay Taide was trained on Mosaiq application training (onsite) conducted by Elekta Medical Systems regarding the newly installed high energy linear accelerator (VERSA HD): 20.02.2019 to 23.02.2019.
- Application training conducted for all Radiation Oncologists and Physicist and Technicians by GE Medical Systems(onsite) for newly installed Radiotherapy CT Simulator (Optima 580 W): 11.02.2019 to 13.02.2019 Head & Neck and Gynaecological Cancers.
- Chaired Session on Consensus for common controversies and recent advances in Head & Neck and Gynecological Cancers held on 9.02.2019 at MP-CG AROICON at JNCHRC& Gandhi Medical College, Bhopal.
- Technical Expert for procurement of Radiotherapy Equipment’s for 6 New AIIMS under PMSSY, Government of India.
- Treasurer Chhattisgarh State Oncologists Association.
- Member of Procurement of ICU beds for AIIMS, Raipur.
- Member of Vibhagiya Rashtrabhasha Karyasamiti of AIIMS, Raipur.

TRANSFUSION MEDICINE & BLOOD BANK

Associate Professors

Dr. Sankalp Sharma
Dr. Ramesh Chandrakar

Assistant Professor

Dr. Minal Wasnik

HIGHLIGHTS

The Department of Transfusion Medicine and Blood Bank organized a Combined Medical Education CME for the Blood Bank Medical Officers of the state of Chhattisgarh for the purpose of training the basics of Blood Donor recruitment protocols. This CME was organized in collaboration with Chhattisgarh state AIDS Control Society. The Department successfully completed its Blood Bank inspection for Blood component and has

a fully functional component Blood Bank in its Department with Apheresis for plasma and a license for Peripheral Blood Stem Cell harvesting by Apheresis Technique. The Department has added two post-graduate students in Transfusion Medicine for the Post-graduate MD program in its panel. The Department conducted several voluntary Blood Donation Camps for the purpose of recruitment of voluntary Blood Donors.

EDUCATION

The Department conducted the post-graduate teaching in the form of regular journal-club meetings; practical training sessions and inter-departmental terminal examination for the post-graduate MD transfusion student. Interdisciplinary meeting of the faculty members was held successfully by the Department.

LECTURES DELIVERED AT CMEs, NATIONAL & INTERNATIONAL CONFERENCES

Name of Faculty Member: Dr. Sankalp Sharma

S. No.	Title of talk	Name of the CME/Conference	Date	Organized by
1.	Blood Donor Questionnaire – Essential pre-requisites of Donor Screening and Blood Donor Deferral (Types of Deferral)	Sensitization CME for Blood Banks	05.06.2018	AIIMS Raipur
2.	Role of Donor Deferrals in safe Blood Transfusion	Sensitization CME for Blood Banks	05.06.2018	AIIMS Raipur

LIST OF ORAL PAPERS/POSTERS PRESENTED

S. No.	Authors	Title of Presentation	Name of the Conference	Date	Organized by
1.	Dr. Sharma S, Dr. Vora M, Dr. Chawhan P	To formulate a baseline threshold of hemoglobin/hematocrit in a population for the initiation of prophylactic or a therapeutic intervention in the form of RBC blood transfusion.	POSTER 59 th Annual Conference of Indian Society of Haematology and Blood Transfusion (HAEMATOCON2018)”	25.10.2018 – 28.10.2018	Indian Society of Haematology and Blood Transfusion, Kochi

S. No.	Authors	Title of Presentation	Name of the Conference	Date	Organized by
2.	Dr.Sankalp Sharma; Dr. Kanwarjeet Singh; Dr. Saurabh Lehre; Dr. Ramesh Chandrakar; Dr. Minal Wasnik	A regional study of Qualitative Analysis of Blood Donation Protocols among Medical Officers.	POSTER 43 rd Annual Conference of ISBTI TRANSCON 2018;	26.10.2018 to 28.10.2018	ISBTI, Visakhapatnam
3.	Dr. Minal Wasnik, Dr. Saurabh Lahare, Dr. Ramesh Chandrakar, Dr. Sankalp Sharma	Aint blood group: A case report on rare subtype of blood group A	Annual Conference of Indian Society of Transfusion Medicine Transmedcon 2018	22.11.2018 to 25.11.2018	Indian Society of Haematology and Blood Transfusion Kochi, Kerela
4.	Dr. Saurabh Lahare, Dr. Minal Wasnik, Dr. Sankalp Sharma	“A end” subgroup: A case report of a rare subgroup of A	Annual Conference of Indian Society of Transfusion Medicine Transmedcon 2018	22.11.2018 to 25.11.2018	Indian Society of Haematology and Blood Transfusion Kochi, Kerela

RESEARCH

Funded Projects

Ongoing

S. No.	Title of the Project	Name Principal Investigator	Funding Agency	Duration (years)	Start year-End year	Total funds sanctioned (Rs.)
1.	To Monitor RBC Survival of a standardized Blood Dosage Stored for a Pre-determined interval in Pediatric Blood Transfusion Recipient. A Prospective Cohort Study	Dr. Sankalp Sharma REF: PI /543/IEC -AIIMS RPR 2018	AIIMS Raipur	01	2018- 2019	5,00,000/-

Departmental Projects (including thesis/dissertations)

Ongoing

S. No.	Title of the Project
1.	To analyse multi transfused Sickle cell disease patient for detection of allo-antibodies and provide the alloimmunization status of sickle cell disease admission in the state of Chhattisgarh.
2.	To formulate a baseline threshold of hemoglobin hematocrit in a Population for the initiation of prophylactic or a therapeutic Intervention in the form of RBC blood transfusion. A retrospective observational study

Collaborative Projects Ongoing:

S. No.	Title of the Project	Collaborating Department/Institution
1.	To Monitor RBC Survival of a standardized Blood Dosage Stored for a Pre-determined interval in Pediatric Blood Transfusion Recipient. A Prospective Cohort Study.	Department of Pediatrics
2.	A Study of the Role of Platelet Rich Plasma in the treatment of Knee Osteoarthritis	Department of Orthopedics
3.	Comparative study between suprascapular nerve block versus Platelet Rich Plasma Injection in the treatment of adhesive capsulitis of shoulder joint.	Department of Orthopedics

PUBLICATIONS

- Sharma S**, Prasad D, Lehre S. To evaluate hemoglobin thresholds of elective surgical patients and blood typing policy for reducing the erythrocyte transfusion in a hospital setting. Global Journal of Transfusion Medicine. 2019; 4:58-64.
- Sharma S**. Role of redox iron towards an increase in mortality among patients: a systemic review and meta-analysis. Blood Research. 2019;54(2):87-101.

List of abstracts published in journals:

- Sharma S**, Vora M, Chawhan P et al. To formulate a baseline threshold of hemoglobin/hematocrit in a population for the initiation of prophylactic or a therapeutic intervention in the form of RBC blood transfusion. Indian Journal of Hematology & Blood Transfusion.2018; 34(suppl1): S183
- Sharma S**, Singh K, Lehre S. OP Transcon 2018 Compilation. Asian J Transfus Sci 2019; S1(13):9-17.

PATIENT CARE

(a) LIST OF PROCEDURES/ INVESTIGATIONS:

- | | |
|--|---|
| 1. Platelet; Plasma Apheresis | 4. Blood Grouping |
| 2. Platelet Rich Plasma for Therapeutic Applications | 5. Direct and Indirect Coomb Testing |
| 3. Therapeutic Phlebotomy | 6. Alloantibody Screening by a 3 Cell panel |
| | 7. Washed Blood Components. |

(b) COMMUNITY SERVICE INITIATIVES:

The Department organized blood donation camps for Blood collection from the voluntary donors for the patients admitted at AIIMS Raipur. The camp details are as follows:

2018 (April - December)

Total no of Camp - 06

Total No. of Blood Donation - 185

2019 (January - April)

Total no of Camp - 05

Total No. of Blood Donation - 106

AWARDS, HONOURS AND SIGNIFICANT EVENTS

A Sickle Cell Screening camp was organized by the Sickle Cell Committee for screening of general population for Sickle Cell disease under the Chairmanship of Prof.(Dr.) Eli Mohapatra, Head of Department, Department of Biochemistry, on 02.12.2018. The camp was aimed towards creating awareness of Sickle Cell Disease among people.

The Department of Transfusion Medicine and Blood Bank has its representation for the Sickle Cell Committee, AIIMS Raipur.



Blood donation camp



CME Transfusion medicine 2



CME Transfusion medicine

UROLOGY

Assistant Professor

Dr. Deepak Kumar Biswal
(Joined on 22.06.2018)

HIGHLIGHTS

The Department of Urology was started in July 2018. Now it is providing quality health care and research activities in the field of Urology. Now the department has facilities to provide healthcare services in Voiding Dysfunction/

BPH, Uro-Oncology: Adrenal/ Kidney/ Urothelium/ Bladder/ Testis/ Penis/ Urethra, Genitourinary Reconstructions, Laparoscopic Surgery, Male Sexual Function/ Infertility & Dialysis Access.

CMEs/WORKSHOP/SYMPOSIA/NATIONAL & INTERNATIONAL CONFERENCES

“Urogynaecology Live Operative Workshop” was organised on 30.03.2019 at AIIMS, Raipur by Department of Obstetrics & Gynaecology and Department of Urology.

LECTURES DELIVERED AT CMEs

Name of Faculty Member: Dr. Deepak Kumar Biswal

Sr. No.	Title of talk	Name of the CME/Conference	Date	Organized by
1.	Role of PMSA-PET in Carcinoma Prostate	CME- Chhattisgarh Urology Society	21.10.2018	Chhattisgarh Urology Society, Raipur

RESEARCH

Collaborative Projects

Ongoing

Sr. No.	Title of the Project	Collaborating Department/Institution
1.	Efficacy and safety of Tadalafil 5mg versus Tamsulosin 0.4mg in men with lower urinary tract symptoms associated with benign prostatic hyperplasia: A randomized, active comparator controlled, open label, parallel group clinical trial.	Department of Pharmacology Department of Surgery

PATIENT CARE:

Apr-2018 To Mar-2019	OPD Patients	IPD Admissions	Major OT Surgical Procedures
Total	3882	90	113

Main OT Surgical Procedures: 113

[A] Open surgery: 43

Radical cystectomy + Ileal conduit	1	Vesico-Vaginal Fistula Repair	2
Radical nephrectomy	1	End to End Urethroplasty/ PFUDD Repair	4
Simple nephrectomy	3	Graft Urethroplasty	9
Partial nephrectomy	1	First stage urethral lay open/ graft	1
Pyeloplasty	4	Meatotomy/ Meatotoplasty	6
High Inguinal Orchiectomy	3	Partial Penectomy	1
CAPD catheter insertion	1	Ilioinguinal lymph node dissection	1
Others	5		

[B] Endourology: 24

TURP/TUIP	6	OIU/BNI/ Endodilatation	6
TURBT	7	Others	5

[C] Laparoscopic: 04

Radical nephrectomy	1	Ureteric reimplantation	1
Pyeloplasty	1	Varicocele ligation	1

[D] Minor Surgical Procedures: 42

Endoscopic	36	Others	5
Percutaneous Nephrostomy	1		

Emergency OT Surgical Procedures: 13

RGP/ DJ Stenting/PCN	6	Other (Open)	3
Other (Endoscopy)	4		

Office Urology Procedures:

Uroflowmetry: 423

SPC: 10

PIPE Test: 6

Others: 61

TRAUMA & EMERGENCY

Assistant Professor

Dr. Niraj Kumar Srivastava
(Joined on 31.08.2018)

Dr. Chandan Kumar Dey
(Joined on 15.09.2018)

Dr. Varun Anand
(Joined on 27.10.2018)

HIGHLIGHTS

Now the department surgeon, anaesthetists and airway expert and emergency paediatrician. The department has achieved the following goals in last 6 months:

1. Census of emergency patients has doubled.
2. To decrease the response time separate counter for emergency patients has been started.
3. SRs from different departments remain on floor (24×7).
4. Training of MOs at state institute of health and family welfare.
5. BLS training in induction program for interns.
6. Training of nursing students and security staffs of AIIMS in Basic Emergency Care (BLS).
7. Training teaching and demonstration to junior residents of trauma and emergency.
8. Triaging and various proforma for emergency have been incorporated.
9. One faculty is doing fellowship in paediatric emergency from ACEE (Academic College of Emergency Experts).

EDUCATION

1. The department has successfully participated in internship induction programme and delivered training in Basic Emergency Care (BLS) with hands on.
2. Under graduates were taught life saving procedures at real resuscitation bay.
3. Concept and importance of triaging and intubation taught to Junior Residents, Interns and undergraduates.
4. Basic Emergency Care (BLS) training given to undergraduates and nursing students.
5. Clinical teaching, demonstration, emergency instruments and approach to deal trauma and emergency cases taught to 6th & 8th semester MBBS students, as per the schedule.
6. Regular theory classes on emergency and trauma (adults & paediatrics) taught to 6th semester MBBS students.

CMEs/ WORKSHOP/ SYMPOSIA/NATIONAL & INTERNATIONAL CONFERENCES

S. No.	Name of the Events (CME/Workshop/Symposia/ National and International Conferences)	Place	Date
2.	Basic life support for Security Staffs	Raipur	08.03.2018- 09.03.2019
3.	Basic life support for interns	Raipur	14.03.2018

LIST OF ORAL PAPERS/POSTERS PRESENTED

S. No.	Authors	Title of Presentation	Name of the Conference	Date	Organized by
1.	Anil Goel, Tripty Naik, Varun Anand	Emergency approach to a neonate with IEM	EPICON	06.02.2019	MGM Medical College, Mumbai

PUBLICATIONS

1. Singh sunita, Anjali pal, **Niraj Kumar Srivastava**, Puspawati Thakur. level of awareness and practices of women regarding breast cancer in Chhattisgarh, India: An Institution based survey. Int J Med. Public Health.2018;8(4):145-151
2. Sunita singh, Intezar Ahmed, Jiledar Rawat, **Niraj Kumar Srivastava**. Retrograde intussusception and Giant Meckel diverticulum: a rare occurrence in Waugh syndrome. Journalof pediatrics and Neonatal care.2018;8(5):241-243.
3. Hemlata Panwar, T santosh, **Srivastava Niraj**, Vandita Yogendra Singh, Nighat Hussain. Nodular cystic hidradenoma over the gluteal region: A rare cytomorphological diagnosis. Med J DY Patil Vidyapeeth 2018;11(3):270-272
4. Singh Sunita, **Srivastava Niraj Kumar**, Mohanty D. Diagnostic and management Difficulties in the Adenocarcinoma Third Part of Duodenum: A case Discussion. Int Gast Hepatol.2018;1(1):72-75
5. Khadpe T, Kondekar A, **Anand V**, Ghildiyal R. Zellweger Syndrome: A Down Syndrome Mimic. Int J Pediatr Res. 2019;6(2):76-80.
6. Kondekar S, **Anand V**, Mundada P, Rathi SP, Shah H. Prevalence of obesity in students with specific learning disorder in a metropolitan city of India. Indian J Child Health. 2018; 5(10):622-625.
7. Shruti Vyas, Alpana S Kondekar, **Varun Anand**, Radha G Ghildiyal, Satish Ghatol, Tanmay Khadpe. Takayasu Arteritis: Tuberculosis or Not Tuberculosis?, EC Paediatrics. 2018; 7(11): 1099-1102.

AWARDS, HONOURS AND SIGNIFICANT EVENTS

1. **Dr. Niraj K Srivastva** has been awarded Fellowship in advance laparoscopic (Colorectal) Surgery under aegis of IAGES of at Bhubneshwar on 09.02.2019.
2. **Dr. Varun Anand** has done workshop in AUTLS pediatric Emergency Sonography Course from 04.02.2019 to 05.02.2019.
3. One article published in EPICON – “Infectious Disease Emergencies in Children” in January, 2019.





CENTRAL LIBRARY

Dr. Eli Mohapatra - Chairperson

Professor & HOD,
Department of Biochemistry

Dr. Santhosh Rao - Member

Associate Professor,
Department of Dentistry

Dr. Binu Mathew - Member

Assistant Professor,
College of Nursing

Dr. Ekta Khandelwal - Member Secretary

Associate Professor,
Department of Physiology

HIGHLIGHTS:

The Central Library is a Knowledge centre which has rich resources in medical, nursing course. A teacher engaged in research/teaching can update with recent information, and can also inculcate a spirit of inquisitiveness and freedom of thought in students. Central Library is spanned over three floors. The lower floor is for the books and general reading section, the middle is for the reading purpose while the top floor houses the state-of-the-art e-library and journal section. All the reading halls are air – conditioned. Entire library is connected through LAN & WI-FI. The e- library is located at the top floor with 30 computers for the student and faculties to access online resources. The central Library has a reading hall with a 250 sitting and furthermore each seat has the capacity to accommodate the use of laptop. The central Library has a diverse collection of more

than 8000 Books and 241 e-journals from ERMED Consortium, UpToDate Database. It is pertinent to mention here that the library provides Remote access to all the online resources subscribed by it, i.e. users can access and browse online resources of the library irrespective of time and their location. The Central Library remains open on all working days from 8.00AM to 2.00AM and on Sunday and Holidays from 9.00AM to 9.00PM. The extension of library hours has promoted the usage of the collections by the user community. The reading hall provides a user friendly, conducive environment for students to pursue their academic and research endeavors. Users are required to bring their ID- Cards. Which ensure that the library facilities are meaningfully used by the AIIMS students as well as by faculties only.

Librarians:

1.	Miss. Pushpalata Bhalla	Librarian (Grade-I)
2.	Mrs. Rashmi Sharma	Librarian (Grade-I)
4.	Mr. Bhushan Lal Dewangan	Librarian (Grade-III)

Reader Service:

There are more than 900 users which include faculty, academic staff, students, researchers and alumni students. There was 3200 books transaction with 4300 check outs during the year 2018-2019. The library has been using TLSS (Total Library Solution Software) for Library Automation and OPAC (On-Line Public Access Catalogue) services. The Central Library conduct “User training program” for Library Users in e-library on every Thursday to facilitate optimum utilization of e-resources, Free Access Site, Library Service and other Facilities etc.

ERMED Consortium:

The Central library is a member of ERMED Consortia provided by the National Medical Library, through which one can access online journals. On 21st December 2016 Central Library AIIMS, Raipur received third highest usage award for the Year 2016.

Up To Date Database Service:

Central Library AIIMS, Raipur has Subscription of UpToDate Database Service for Library Users. Up to date is a clinical decision support resource.

World e-Book Library Access via National Digital Library:

Central Library is Registered with World eBook Library for accessing world largest collection of primary sources eBooks consisting 40 Lac eBooks and millions of journals articles with unlimited access and downloading

Library Automation:

Central Library has been automated with The Total Library solution Software package which is an integrated multi-user library management system that supports operations of central library. Time to time Editing and updating of bibliographic records is being done. More than 8000 bibliographic records are available in the Central Library, which can now be accessed through the Computerized Online Public Access Catalogue (OPAC). The database of books available in the library is being updated on day-to-day basis. Record of all the Library Information has been created with the help of TLS software, which has also been successfully implemented. The library has been using Bar Code Technology for issue and return of books.

Remote Access Facility:

Library also provides Remote access facility for accessing e-resources within as well as outside the campus.

Other works undertaken by the Central Library:

Central Library organized an open session for the students to understand the need for library in a better way.

Central library organized an awareness programs on usage of e-Resources and services for new students/ Faculties of AIIMS Raipur.

Every year book exhibition is organized by central library. In which books of different courses (i.e. Medical, Nursing) are displayed along with other general book.

Central Library Provides CAS (Current Awareness Service), Bibliographical and Reference services to users.

Central Library provides users Reprography and print out of academic literature.

News Paper Services:

The Central Library maintains a collection of press cuttings on medical subjects and news related to institution. The paper clipping service was provided right from beginning in the year 2012. It will be disseminated to the users, after shaping it into a bound book form.

Wi-Fi Internet Facility:

The Wi-Fi facility has also been provided by the library for accessing e-journals/e-books in the library.

Programme Conducted by Central Library:

Library Orientation Program is organized every year for new comers at the beginning of the academic year.

Celebrates National Library Week on 14th November.

Auction of old Magazines is done every year.

“User training program” for Library Users is held on every Thursday to facilitate optimum utilization of our e-resources like (ERMED Consortium, UpToDate Databases, Remote Xs Facility, Free Access Site, Library Service and Facilities etc.)

The Central Library organized a Workshop on MedTalks: “Structuring Manuscript to impress SCI journals editors” by Mr. Yateendra Joshi on 16th April 2019 at AIIMS, Raipur.

The Central Library organized Users Training and Awareness programme on utilization of UpToDate database service on 15th November 2018.

More than 100+ government Schools Students and Teachers visited Central Library AIIMS, Raipur under the Supervision of Nodal Officer and Member Secretary of Library Committee Dr. Ekta Khandelwal.

Conferences /Seminars/Training Programme attended by Staff:

Dr. Eli Mohapatra Chaired a session in the “First Annual All India Librarian Meet” on 16th – 18th September, 2018 at Goa.

Dr. Eli Mohapatra attended Training Program to access/ download articles of e-journals ERMED Consortium on 15th May 2018 at AIIMS Bhubaneswar.

Miss. Pushpalata Bhalla, participated of the “First Annual All India Librarian Meet” on 16th – 18th September, 2018 at Goa.

Miss. Pushpalata Bhalla, presented a paper “E-Resources Collection Development and Policy Issue in Libraries” in National Seminar on ERMED: Digital Health India: A Reality on 3rd& 4th May 2018.

Mrs. Rashmi Sharma, attended Training Program for access/ download articles of e-journals from ERMED Consortium on 15th May 2018 at AIIMS Bhubaneswar.



INSTITUTE ETHICS COMMITTEE

Constitution of Institute Ethics Committee as on 31st March 2019

S. No.	Name	Qualification	Designation in IEC	Affiliation to Institute	Address, Phone No. and Email	Gender
1.	Dr. P. K. Patra	M.B.B.S M.D. (Biochemistry)	Chairman	Dean Chhattisgarh Institute of Medical Science (CIMS), Bilaspur, (C.G.)	Add.: House No. 226, Street No. 4, Sector-1, Professors Colony, Raipur (C.G.) M. No.: +91 9893100505 Email: pkp1964@yahoo. co.in	Male
2.	Dr. Nighat Hussain	M.B.B.S. M.D. (Pathology)	Member (Basic Scientist)	Additional Professor Department of Pathology and Lab Medicine, AIIMS, Raipur	Add.: Department of Pathology and Lab Medicine, AIIMS, Raipur, (C.G.) M. No.: +91 8518881730 Email: hussain.nighat@ gmail.com	Female
3.	Dr. Prasanta Kumar Nayak	M.B.B.S. M.D. (OBGY)	Member (Clinician)	Associate Professor Department of Obstetrics and Gynaecology AIIMS Raipur	Add.: 302, Jainam Planet, Block – C, Tatibandh, Raipur (C.G.) M. No.: +91 8518881742 Email: drprasant79@ gmail.com	Male
4.	Dr. Sabah Siddiqui	M.B.B.S. M.D. (Internal Medicine)	Member (Clinician)	Associate Professor Department of Internal Medicine AIIMS Raipur	Add.: Department of Internal Medicine, AIIMS, Raipur (C.G.) M. No.: +91 8518881911 Email: dr.sabahsiddiqui@ gmail.com, dr.sabahsiddiqui@yahoo. com	Male
5.	Dr. Yogendra Keche	M.B.B.S. M.D. (Pharmacology)	Member (Basic scientist- Pharmacologist)	Assistant Professor Department of Pharmacology AIIMS Raipur	Add.: QTR-203, Type 4A, AIIMS Residential Complex, Kabir Nagar, Raipur (C.G.) M. No.: +918818882119 Email: drynkeche@gmail. com	Male
6.	Justice Pradeep Kumar Dave	B.A. LL.B.	Member (Legal expert)	Retired District Session Judge Raipur (Chhattisgarh)	Add.: Plot No – 7/1, Radhika Nagar, Behind Supela Thana, Supela, Bhilai, Distt – Durg (C.G.) M. No.: +919981928050 Email: pradeepkumardave@ gmail.com	Male

S. No.	Name	Qualification	Designation in IEC	Affiliation to Institute	Address, Phone No. and Email	Gender
7.	Dr. Bhagwant Singh	M.A. Ph. D. (PGDY)	Member (Philosopher)	Professor and Head Department of Philosophy and Yoga Pt. Ravishankar Shukla University, Raipur	Add.: 'Raghukul', 271-B, Sector - 2, Pt. Deen Dayal Upadhyay Nagar, Raipur (C.G.) M. No.: +919893410919/+91 7000599512 Email: profbsingh57@yahoo.com	Male
8.	Mrs. Prabha Minj	M.A. B. Ed.	Member (Social scientist)	Principal Kendriya Vidyalaya No - 2, DDU Nagar, Sector - IV, Raipur	Add.: Principal, Kendriya Vidyalaya No - 2, DDU Nagar, Sector - IV, Raipur Ph. No.: 9424201468 Email: raipur2kv@gmail. com	Female
9.	Mrs. Jyoti Chakraborty	M.Sc. (Chemistry) M. Ed.	Member (Social scientist)	Assistant Professor State Council of Educational Research and Training, Raipur, (C.G.)	Add.: 42/976, Katora Talab, Raipur (CG) M. No.: 7999609652/ 7587499933 Email: jyoti_ chakraborty@yahoo.co.in	Female
10.	Mr. Rahul Ganesh Damke	B.E. (Civil)	Member (Lay person)	Project Head, Mosaic Infraventures Pvt. Ltd., Raipur	Add.: C/o Shri Govind Prasad Verma, Near Kendriya Jal Ayog, Badabhawani Nagar, Kota, Raipur (Chhattisgarh) M. No.: 98265-28889 Email: damkerahul@ gmail.com	Male
11.	Dr. Tushar B. Jagzape	M.D. M. Phil. H.P.E. DAA (CMC- Vellore)	Member Secretary (Clinician)	Additional Professor, Department of Pediatrics, AIIMS, Raipur	Add.: 302, Type 5A, AIIMS Residential Complex, Kabir Nagar, Raipur M. No.: 9421783796 Email: tusharjagzape@ aiimsraipur.edu.in	Male
Additional Members						
12.	Dr. Hemlata Tiwari	Ph.D in Clinical Psychology, MBA in Finance	Member (Lay person)	Behaviour Therapist, Counsellor and Professional Trainer for Soft Skill Vocational Training, Raipur	Add.: 5, Sarswati Vihar, Behind Science College, Boys hostel No. 03, beside Sushil girls hostel, G.E. Raod, Raipur (Chhattisgarh) 492010 M. No.: 81204-61946 Email: dr.hemlata@live. com	Female

S. No.	Name	Qualification	Designation in IEC	Affiliation to Institute	Address, Phone No. and Email	Gender
13.	Advocate Shekhar Amin	B.Sc., M.A. , LL.B.	Member (Legal expert)	Advocate, Bar – Association, Raipur	Add.: Behind Chawla Complex, Sai Nagar, Devendra Nagar, -Raipur (Chhattisgarh) 492009 M. No.: 98261-52357, 94242-01637 Email: amin_shekhar@rediffmail.com	Male

- The term of first IEC got over on 31.12.2017. Hence the IEC was reconstituted. The registration of IEC was valid till 27.02.2018. Application for re-registration was submitted and approval letter of re-registration by CDSCO was received on 27.08.2018. The new Re-registration number is ECR/714/Inst/CT/2015/RR-18 and it is valid till 26.02.2021.

IEC Project Details (Year-wise)

Year	No. of research projects reviewed*	Approved	Rejected	Exemption	Terminated	Sent for revision
2015-16	22	20	00	00	01	02
2016-17	42	36	00	01	03	02
2017-18	69	62	00	02	05	01
2018-19	135	128	00	00	06	01
Total	268	246	00	03	15	-

Including PG thesis and ICMR-STS projects.

IEC Meetings held during 2018-19

Total no. of full board meeting held during 2018-19: Four (04) and One (01) Sub – committee meeting.

Details of meetings held

Date of Meeting	No. of research projects reviewed*	Approved	Rejected	Exemption	Terminated	Sent for revision
20.04.2018	36(35 new, 01 revised)	28	00	00	06	02
15.06.2018 (sub-committee meeting)	01 (01 revised)	01	00	00	00	00
04.09.2018	35 (34 new, 01 revised)	34	00	00	00	01
03.11.2018	21 (21 new)	20	00	00	00	01
02.02.2019	46 (45 new, 01 revised)	46	00	00	00	00

* Including PG thesis and ICMR-STS projects.

IEC decision on projects reviewed during 2018-19 (as on 31.03.2019)

Total no. of project reviewed (New)	135
Total no. of project reviewed (Revised)	04
Total no. of project approved	128
Total no. of project Exempted	00
Total no. of project rejected	00
Total no. of project for revision	03*

*Includes 02 revised projects from 2016-17

Status (Ongoing/Completed/Terminated) during 01.04.2018 to 31.03.2019

Total no. of ongoing projects (as on 31.03.2019)	126 (184)
Total no. of completed projects	02 (65)
Total no. of Terminated	06 (16)
Total no. of projects sent for revision	01(3)
Total no. of projects	69 (268)

Note - Number in parenthesis indicates the cumulative figure.

Details of approved research projects during 2018-19 (as on 31.03.2019)

Total no. of funded projects (Extramural projects)	09
Total no. of funded projects (Intramural projects)	29
Total no. of academic projects	89*

* Excluding 01 clinical Pharmacology Practical Protocol.

Details of approved Extramural funded projects (N=09)

Details of Academic projects (N=89)

Total no. undergraduate research projects (including ICMR-STs)	21 (11 funded by ICMR)
Total no. postgraduate research projects (PG Thesis)	48
Total no. Faculty research projects (Investigator initiated)	20

Serious Adverse Events (SAE) and deaths report at our site

Total no. of Serious Adverse Events(SAE)	00
Total no. of deaths	00

Department-wise research projects approved in the year 2018-19 (Excluding PG Thesis)

Sr. No.	Departments	No. of Projects
1.	Anaesthesiology	07
2.	Anatomy	03
3.	Biochemistry	03
4.	Community & Family Medicine	02

Sr. No.	Departments	No. of Projects
5.	Dermatology	03
6.	ENT	01
7.	Microbiology	05
8.	Obstetrics & Gynaecology	05
9.	Ophthalmology	02
10.	Pathology & Lab Medicine	04
11.	Paediatrics	03
12.	Pharmacology	02
13.	Physiology	06
14.	Psychiatry	06
15.	Pulmonary Medicine	01
16.	Nursing	15
17.	Dentistry	02
18.	Surgery	01
19.	Forensic Medicine & Toxicology	01
20.	General Medicine	02
21.	Orthopaedics	01
22.	Transfusion Medicine & Blood Bank	02
23.	Neurosurgery	01
24.	Pediatric Surgery	01
	Total	79*

*Approval granted during 01.04.2018 to 31.03.2019.

IEC office bearer

- Pramod Kumar Sahu
Junior Administrative Officer
- Vikash Sharma
Data Entry Operator
- Teekam Thakur
Office Attendant

IEC Office Address

Institute Ethics Committee

Academic Section,
Room No. 2103, 2nd Floor,
Medical College Complex, Gate No. 5,
All India Institute of Medical Sciences,
Tatibandh, GE Road,
Raipur-492 099 (CG)
Email: iec@aiimsraipur.edu.in

ALL INDIA INSTITUTE OF MEDICAL SCIENCES, RAIPUR (CHHATTISGARH)

Balance Sheet as on 31/03/2019

	SCHEDULES	Current Year	Previous Year
		2018-19	2017-18
A) CORPUS/ CAPITAL FUND AND LIABILITIES		₹	₹
Corpus/ Capital Fund	1	4,82,15,47,779.57	5,63,10,05,290.47
Reserves and Surplus	2	-	-
Earmarked/ Endowment Funds	3	-	-
Secured Loans and Borrowings	4	-	-
Unsecured Loans & Borrowings	5	-	-
Deferred Credit Liabilities	6	-	-
Current Liabilities and Provisions	7	62,00,48,863.44	13,64,41,942.44
TOTAL		5,44,15,96,643.01	5,76,74,47,232.91

B) ASSETS			
Fixed Assets	8	3,80,89,91,957.18	3,28,75,79,733.84
Investments- From Earmarked/ Endowment Funds	9	-	-
Investments- Others	10	-	-
Current Assets' Loans' Advances Etc.	11	1,63,26,04,685.83	2,47,98,67,499.07
Miscellaneous Expenditure		-	-
(to the extend not written off or adjusted)		-	-
TOTAL		5,44,15,96,643.01	5,76,74,47,232.91

SIGNIFICANT ACCOUNTING POLICIES AS PER SCHEDULE 24

CONTINGENT LIABILITIES AND NOTES ON ACCOUNT AS PER SCHEDULE 25

FOR, ALL INDIA INSTITUTE OF MEDICAL SCIENCES, RAIPUR



(B.K. AGRAWAL)
FINANCIAL ADVISOR



Prof. (Dr.) NITIN M. NAGARKAR
DIRECTOR

Date: 30.06.2019

Place: Raipur, C.G.

ALL INDIA INSTITUTE OF MEDICAL SCIENCES, RAIPUR (CHHATTISGARH)

Income & Expenditure Account for the year ended 31/03/2019

Particulars	SCHEDULES	Current Year	Previous Year
		2018-19	2017-18
INCOME		₹	₹
Income from Sales/ Services	12	3,00,79,556.01	4,63,41,489.76
Grants/ Subsidies	13	1,21,37,00,000.00	1,29,90,00,000.00
Fees/ Subscriptions	14	-	-
Income from Investments (Income on Investment from earmarked/ endow funds transferred to Funds, Rent)	15	-	-
Income from Royalty, Publication etc.	16	-	-
Interest Earned	17	18,44,26,510.00	8,07,39,335.00
Other Income	18	2,60,02,395.00	2,06,46,835.00
Increase/ (decrease) in stock of finished goods and work-in-progress	19	-	-
Prior Period Depreciation Over Booked		-	-
Prior Period Income		23,35,597.00	2,67,539.00
TOTAL (A)		1,45,65,44,058.01	1,44,69,95,198.76

EXPENDITURE		₹	₹
Establishment Expenses	20	1,41,05,50,679.00	61,77,05,536.00
Other Administrative expenses etc.	21	60,46,27,836.62	39,76,28,172.56
Expenditure on Grants, Subsidies etc.	22	24,99,171.00	4,21,899.00
Interest	23	-	-
Depreciation (Net Total at the year-end-corresponding to Schedule)	8	24,63,43,061.00	7,58,06,597.00
Expenses Under Swachhata Action Plan		7,79,154.00	-
Prior Period items		51,599.29	-
TOTAL (B)		2,26,48,51,500.91	1,09,15,62,204.56

Balance being excess of Expenditure over Income, this is indication of Deficit (A-B)		(80,83,07,442.90)	35,54,32,994.20
Transfer to Special Reserve (Specify each)		-	-
Transfer to / form General Reserve		-	-
BALANCE BEING SURPLUS/ (DEFICIT) CARRIED TO CORPUS/ CAPITAL FUND		(80,83,07,442.90)	35,54,32,994.20

SIGNIFICANT ACCOUNTING POLICIES AS PER SCHEDULE 24
CONTINGENT LIABILITIES AND NOTES ON ACCOUNT AS PER SCHEDULE 25


(B.K. AGRAWAL)
FINANCIAL ADVISOR


Prof. (Dr.) NITIN M. NAGARKAR
DIRECTOR

ALL INDIA INSTITUTE OF MEDICAL SCIENCES, RAIPUR (CHHATTISGARH)

RECEIPTS AND PAYMENTS FOR THE YEAR ENDED 31/03/2019							
S.N.	RECEIPTS	Current Year 2018-19 ₹	Previous Year 2017-18 ₹	S.N.	PAYEMENTS	Current Year 2018-19 ₹	Previous Year 2017-18 ₹
I.	Opening Balance			I.	Expenses		
	a) Cash in Hand	63,042.00	19,737.00		a) Establishment Expenses	1,22,89,56,074.00	59,70,46,268.00
	b) Bank Balances				b) Administrative Expenses	58,20,06,861.62	35,24,08,900.56
	i) In Current Accounts	2,63,41,30,504.45	3,10,10,41,178.07		c) Expenses Under Swachhata Action Plan	50,000.00	-
II.	Grant Received				d) Others		
	a) From Government of India				i) Net Contingent Advance Paid	61,23,294.00	36,41,218.25
	i) GIA General	55,61,00,000.00	25,00,00,000.00		ii) Net Imprest Money Paid	32,32,817.00	24,11,835.00
	ii) GIA Salaries	65,76,00,000.00	1,00,00,00,000.00		iii) Net LTC Paid	21,95,728.00	30,10,501.00
	iii) GIA Capital	-	55,00,00,000.00		iv) Net Tour Advance Paid	54,46,051.00	48,31,428.00
	iv) GIA General (Swachhata Action Plan)	-	4,90,00,000.00		v) Medical Advance	1,20,000.00	-
III.	GIA Received for Mangalagiri	45,25,00,000.00	-		vi) Amul Parlour (Rent)	1,00,000.00	-
IV.	GIA Received for Nagpur	45,25,00,000.00	-	II.	Payment made against funds for various Projects		
V.	Income on Investments	-	-		AIDS Control	-	37,169.00
VI.	Interest Received				CM Sanjeevani Fund	50,000.00	1,95,153.00
	a) On Bank Account	11,23,38,347.00	7,54,30,057.00		Department of Science & Technology	1,17,250.00	-
	b) Prior Period Interest Income from Bank	6,99,43,370.00	-		Prime Minister's National Relief Fund	1,77,022.00	-
VII.	Miscellaneous income				Contingent Advance against Special Fund	34,59,555.00	21,70,757.00
	i) Liquidated Damage		-		Capacity Building CDC (Padma Das)	6,36,139.00	-
	ii) Notice Period Recovery from Staff	37,31,220.00	13,40,339.00		District Amalgamated Special Fund	12,880.00	-
	iii) Receipt from Guest House	4,77,680.00	3,74,020.00		National Board of Examination Fund	1,64,204.00	-
	iv) Misl. Receipt	3,58,543.00	1,00,613.00		NIMHANS Bangalore	1,13,230.00	-
VIII.	Amount Borrowed	-	-		Net Amount Paid Under Oriana	22,72,028.00	14,81,000.00
IX.	Other Receipt				CGMICROCON	-	50,000.00
	OPD Registration	11,73,270.00	8,89,325.00		Employee State Insurance Corporation	-	74,603.00
	Admission Fees, Entrance Fees, Application Fees, Examination Fees, Other Receipt	28,05,216.00	2,69,51,915.00		SERB Papillomavirus (Sanjay Negi)	38,333.00	25,000.00
	Tender Related Income	3,71,500.00	4,96,858.00		Mukhyamantri Bal Shrawan Yojana	-	1,82,000.00
	Net Collection from CT Scan/ Blood Bank and Ophthalmology etc.	2,04,60,755.00	1,51,56,445.00		Rashtriya Swasthya Bima Yojna	-	5,51,200.00
	Security Deposite	25,14,961.00	3,44,346.00		United Nation Chiledren's fund	-	8,04,558.00
	Earnest Money Deposite (EMD)	2,20,65,764.00	1,27,06,533.00		RNTCP (Ajoy Behra)	80,000.00	-
	Penalty Receipt from (SR/JR/PG Students etc.)	39,82,303.00	18,38,100.00	III.	Investments and deposits made		
	IPD Registration	28,87,415.00	19,11,619.00		a) out of Earmarked/ Endowment funds	-	-
	POS Income	26,02,553.01	14,32,185.76		b) Out of Own Funds (SD Payment to BSNL)	-	-
	Received from Gym	13,850.00	14,700.00	IV.	Expenditure on Fixes Assets & Capital Work- in Progress		
	Receipts from Forfeiture of /EMD/FDR	79,388.00	66,501.00		a) Payment for Purchase of Fixes Assets	8,84,46,029.34	10,46,40,831.01
	Rent Received	4,65,140.00	5,57,800.00		b) Payment to contractors for Work in Progress	59,13,46,454.00	1,30,67,46,495.00
	Donation under ARPAN	43,053.00	1,210.00	V.	Refund of Surplus money/ Loans		
	Intra. (Suprava Patel)		61,023.00		a. EMD released (Net)	1,30,03,020.00	1,77,21,676.00
	Kayakalp Award Money Receipt	-	1,00,00,000.00		b. Security Deposit released	70,23,618.00	1,20,68,206.00
	Other Donation	11,32,031.00	-		c. Withheld	4,67,608.00	43,462.00
	Intra. (Sickle Cell) (Alok Agrawal)	1,37,838.00	-	VI.	Finance Charges (Interest)	-	-
X.	Ayushman Bharat Claims Receipts	30,96,639.00	-	VII.	Contingent Advance SAP	2,61,416.00	-
XI.	Special Fund/Extramural Fund			VIII.	Other Payments		
	CM Sanjeevani Fund	61,75,000.00	44,93,925.00		a) TDS/ VAT/ Labour Cess/ Work Contract Tax, etc.	16,87,42,616.00	7,44,07,401.00
	Indian Council of Medical Research	14,95,159.00	38,86,913.00		b) Advances to Contractor	3,88,01,200.00	-
	Chhattisgarh Council of Science & Technology	50,000.00	4,80,000.00		c) Financial Assistance	2,00,394.00	-
	Department of Science & Technology	3,00,000.00	7,00,000.00		d) Liquidity Damage refunds	3,15,298.00	-
	Mukhyamantri Bal Shrawan Yojana	21,38,000.00	16,60,000.00		e) Prior Period Expenditure	8,836.29	-
	United Nation Chiledren's fund	37,62,210.00	24,40,727.44		f) TDS Deducted and credited by bank	58,89,443.00	-

RECEIPTS AND PAYMENTS FOR THE YEAR ENDED 31/03/2019								
S.N.	RECEIPTS	Current Year 2018-19 ₹	Previous Year 2017-18 ₹	S.N.	PAYEMENTS	Current Year 2018-19 ₹	Previous Year 2017-18 ₹	
	Prime Minister's National Relief Fund	1,50,000.00	-	IX.	Amount Paid to AIIMS Mangalagiri & Nagpur			
	CGMICROCON	-	78,400.00		GIA release for Mangalagiri	26,35,01,600.00	-	
	NCD Doctor (Prashanta Nayak)	6,32,436.00	2,06,600.00		GIA release for Nagpur	26,85,01,600.00	-	
	Department of Health & Family Welfare	4,32,000.00	4,62,500.00		Contingent Advance AIIMS (Mangalagiri)	43,21,981.00	-	
	Employee State Insurance Corporation	-	74,603.00		Contingent Advance AIIMS (Nagpur)	39,20,167.00	-	
	Capacity Building CDC (Padma Das)	10,00,000.00	5,00,000.00		Imprest Money Mangalagiri	48,313.00	-	
	SERB Papillomavirus (Sanjay Negi)	25,000.00	5,40,000.00		Imprest Money Nagpur	46,577.00	-	
	Extramural Fund (Suprava Patel)	-	3,25,000.00		Tour Advance (Nagpur)	1,19,500.00	-	
	Indian Council of Medical Research (PCOS)	5,22,000.00	13,72,850.00		X	Intramural Funds		
	Mukhyamantri Sahayata kosh (Bihar)	-	1,25,000.00			Scrub Typhus Det (Anudita Bhargava)	1,82,815.00	-
	Mukhyamantri Sahayata kosh (Maharashtra)	-	70,000.00			V-D SOMANTIC 7 NEURO (JAYSHREE GHATE)	50,653.00	-
	National Academy of Medical Science	-	3,50,000.00			Breast Cancer Therapy (Jessy Abraham)	22,887.00	-
	National Child Healthcare Programme	-	15,00,000.00			SOFT BIPOлярITY & PERIPHERAL (Lokesh Ku.Singh)	8,247.00	-
	Rashtriya Swasthya Bima Yojna	-	5,00,000.00			SPERM DNA (MANISHA B SINHA)	1,00,000.00	2,47,140.00
	RNTCP (Ajoy Behra)	-	80,000.00			HEART RATE VARIABILITY (MEEENAKSHI SINHA)	1,00,896.00	-
	NEHPR (Ajoy Behra)	18,19,000.00	-			Periorbital Hyperpigmentation (Namrata Chh.A)	1,93,575.00	-
	RCH/NHW Training (Atul Jindal)	2,94,000.00	-			Widal Titre&Salmonella Carrier (Padma Das)	1,11,715.00	-
	Mycobacterium & Plasmodium (Hemant Kumar)	21,10,000.00	-			UTERINE CERVIX (PRASANTA NAYAK)	2,41,432.00	-
	DNA Cell Cancer (Jessy Abraham)	90,000.00	-			APOLIPOPROTEIN POLYMORPHISM (RACHITA NANDA)	3,67,156.00	-
	Tobacco Cessation (Lokesh Singh)	2,00,000.00	-	MYCOBACTERIUM (SANJAY SINGH NEGI)		1,45,281.00	-	
	Microdeletion of Genes in Y (Manisha b Sinha)	1,79,944.00	-	Congenital Hypothyroidism (SUPARVA PATEL)		1,98,251.00	3,18,810.00	
	SRS VA Supervisor Training (Manisha Ruikar)	1,21,800.00	-	MICRO SURVIULLIANCE (UJJAWALA GAIKWAD)	23,285.00	-		
	Antimicrobial Stew. (Padma Das)	5,00,000.00	-	c) Intramural Fund (Alok Agrawal)	-	5,00,000.00		
	NCD Nurse (Prashanta Nayak)	2,16,000.00	-	XI.	Bills Payable to other than Employee			
	District Amalgamated Special Fund	12,880.00	-			44,03,200.00	-	
	National Board of Examination Fund	1,64,204.00	-	XII.	Closing Balances			
	Chhattisgarh Tourism Board for Oriana	5,40,000.00	-		a) Cash in Hand	2,55,584.00	63,042.00	
	Indian Oil Corporation for Oriana	62,288.00	-		b) Bank Balances			
	Raipur Development Authority for Oriana	1,47,000.00	-		i) In Current Accounts	1,73,13,20,995.21	2,63,41,30,504.45	
XII.	Advance Deposited by Patient	13,29,806.00	2,28,136.00					
	TOTAL	5,02,80,43,109.46	5,11,98,09,159.27		TOTAL	5,02,80,43,109.46	5,11,98,09,159.27	


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ALL INDIA INSTITUTE OF MEDICAL SCIENCES, RAIPUR (CHHATTISGARH)
SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31/03/2019

SCHEDULE [1] CORPUS/ CAPITAL FUND		
Particulars	Current Year 2018-19 ₹	Previous Year 2017-18 ₹
Balance as at the beginning of the year	5,63,10,05,290.47	4,72,55,72,296.27
Add: Contribution towards corpus/ capital fund	-	55,00,00,000.00
Add/(Deduct): Balance of net income/ (expenditure) transferred from the Income and Expenditure Account	(80,83,07,442.90)	35,54,32,994.20
Add:- Prior Period Items (Expenditure is overbooked in Previous Year)	-	-
Less:- TDS receivable from CSPDCL for F.Y. 2013-14 to 2016-17	(11,50,068.00)	-
BALANCE AT THE YEAR-END	4,82,15,47,779.57	5,63,10,05,290.47

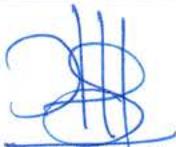
SCHEDULE [2] RESERVE & SURPLUS		
Particulars	Current Year 2018-19 ₹	Previous Year 2017-18 ₹
a) Capital Reserve:		
As per last Account	-	-
Addition during the year	-	-
Less: Deductions during the year	-	-
Total (a)	-	-
b) Revaluation Reserve		
As per last Account	-	-
Addition during the year	-	-
Less: Deductions during the year	-	-
Total (b)	-	-
c) Special Reserve		
As per last Account	-	-
Addition during the year	-	-
Less: Deductions during the year	-	-
Total (c)	-	-
d) General Reserve		
As per last Account	-	-
Addition during the year	-	-
Less: Deductions during the year	-	-
Total (d)	-	-
Total (a+b+c+d)	-	-

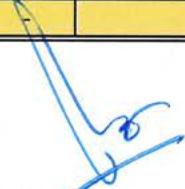

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SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31/03/2019

SCHEDULE [3] EARMARKED/ ENDOWMEN FUNDS		
Particulars	Current Year 2018-19 ₹	Previous Year 2017-18 ₹
a). Opening Balance of the funds	-	-
b). Addition to the funds:	-	-
i) Donation/grants	-	-
ii) Income from investment made on account of fund	-	-
iii) Other addition (specify nature)	-	-
TOTAL (a+b)	-	-
c). Utilisation/ Expenses towards objective of funds		
i) Capital Expenditure		
Fixed Assets	-	-
Others	-	-
 Total	-	-
ii) Revenue Expenditure		
Salaries, Wages and allowances etc.	-	-
Rent	-	-
Other Administrative expenses	-	-
 Total	-	-
 Total c	-	-
NET BALANCE AS AT THE YEAR-END (a+b+c)	-	-


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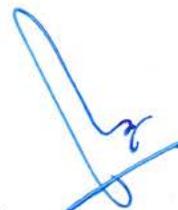
**ALL INDIA INSTITUTE OF MEDICAL SCIENCES, RAIPUR (CHHATTISGARH)
SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31/03/2019**

SCHEDULE [4] SECURED LOANS AND BORROWINGS:				
Particulars	Current Year 2018-19		Previous Year 2017-18	
		₹		₹
a) Central Government		-		-
b) State Government (Specify)		-		-
c) Financial Institutions				
i) Term Loans		-		-
ii) Interest accrued and due		-		-
d) Banks:				
i) Term Loans		-		-
Interest accrued and due		-		-
ii) Other Loans (Specify)		-		-
Interest accrued and due		-		-
e) Other Institutions and Agenices		-		-
f) Debenture and Bonds		-		-
g) Others (Specify)		-		-
Total		-		-

Note: Amounts due within one year



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ALL INDIA INSTITUTE OF MEDICAL SCIENCES, RAIPUR (CHHATTISGARH)
SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31/03/2019

SCHEDULE [5] UNSECURED LOANS AND BORROWINGS		
Particulars	Current Year 2018-19 ₹	Previous Year 2017-18 ₹
a) Central Government	-	-
b) State Government (Specify)	-	-
c) Financial Institutions	-	-
d) Banks:	-	-
i) Term Loans	-	-
ii) Other Loans (Specify)	-	-
e) Other Institutions and Agencies	-	-
f) Debenture and Bonds	-	-
g) Others (Specify)	-	-
Total	-	-

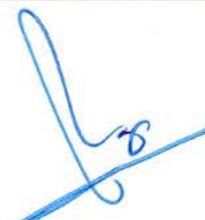
Note: Amounts due within on year

SCHEDULE [6] DEFERRED CREDIT LIABILITIES		
Particulars	Current Year 2018-19 ₹	Previous Year 2017-18 ₹
a) Acceptances secured by hypothecation of capital equipment and other assets	-	-
b) Others	-	-
Total	-	-

Note: Amounts due within one year



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**ALL INDIA INSTITUTE OF MEDICAL SCIENCES, RAIPUR (CHHATTISGARH)
SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31/03/2019**

SCHEDULE [7] CURRENT LIABILITIES AND PROVISIONS				
Particulars	Current Year		Previous Year	
	2018-19		2017-18	
	₹		₹	
A) CURRENT LIABILITIES				
i) Acceptances	-	-	-	-
ii) Sundry Creditors	-	-	-	-
a) For Goods	-	-	-	-
b) Others				
AA Foundation for Safety	1,60,738.00		1,60,738.00	
Adarsh Enterprises	31,173.00		31,173.00	
Ahluwalia Contractor (I) Ltd.	1,03,477.00		1,03,477.00	
APH Medical System	-		68,705.00	
Amrit Pharmacy	1,71,240.00		1,71,240.00	
Aleem Khan	2,000.00		2,000.00	
Anurag Sales & Services	11,400.00		11,400.00	
Bedi & Bedi Associates	2,01,701.00		2,01,701.00	
BV Enterprises	41,792.00		27,480.00	
BVG India Ltd.	7,83,145.00		7,83,145.00	
Continum Electro Product	1,00,000.00		1,00,000.00	
C-Net Infotech Pvt. Ltd.	42,723.00		42,723.00	
Creat Business Inc.	3,530.00		3,530.00	
DHR Holding Company	4,27,694.00		4,27,694.00	
Diamond Agencies	28,598.00		28,598.00	
EMCO Tech Equipment Pvt. Ltd.	3,94,868.00		3,94,868.00	
HLL Lifecare Limited	6,675.00		6,675.00	
Hi- Solution Pest Control	1,950.00		1,950.00	
J H Boi Innovation Pvt. Ltd.	-		35,46,299.00	
Jupiter Healthcare	37,000.00		37,000.00	
Johnson Lifts Pvt. Ltd.	39,398.00		39,398.00	
Kone Elevator India Pvt. Ltd.	7,603.00		7,603.00	
LSR Medical Pvt. Ltd.	17,14,852.00		17,14,852.00	
Medical Product Services	50,70,600.00		50,70,600.00	
Mediglobe Medical Systemes (P) Ltd.	400.00		400.00	
Mundhra Marketing	12,678.00		12,678.00	
Narbada Biotech	46,928.00		-	
Novomed Incorporation Pvt. Ltd.	15,000.00		15,000.00	
Philips Medical System	1,37,91,600.00		1,37,91,600.00	
Rahul Tour & Travels Jagdalpur	74,708.00		74,708.00	
Red Cross Society	56,800.00		700.00	
RS Maintenance Service and Pest Control	28,702.00		28,702.00	
Safeguard & Manpower Services	1,01,150.00		1,01,150.00	
Scientific Traders	-		17,432.00	
Spectrum Corporation	2,246.00		2,246.00	
Shristi Enterprises	2,211.00		2,211.00	

SCHEDULE [7] CURRENT LIABILITIES AND PROVISIONS				
Particulars	Current Year 2018-19		Previous Year 2017-18	
	₹		₹	
A) CURRENT LIABILITIES				
South India Surgical Co. Ltd.	13,388.00		13,388.00	
Shri Vaishnavi Enterprises	23,400.00		-	
State Appropriate Authority PNTD Raipur	12,500.00		-	
Tata Docomo	2,600.00		2,600.00	
Vraj Tour & Travels	55,473.00	2,36,21,941.00	55,403.00	2,71,01,067.00
Bill Payable to Employees	93,912.00	93,912.00	1,29,135.00	1,29,135.00
Bills Payable to other than Employees	63,283.00	63,283.00	23,523.00	23,523.00
c) Withhold Amount due to Non-Achievement of Milestone from Contractor	27,41,212.00	27,41,212.00	24,72,367.00	24,72,367.00
d) Withheld for maintenance of Street light	55,856.00	55,856.00	55,856.00	55,856.00
e) Mobilization Advances	-	-	-	-
iii) Secured Advance to Contractor / Suppliers	7,01,99,989.00	7,01,99,989.00	4,49,29,867.00	4,49,29,867.00
vi) Statutory Liabilities				
a) TDS on GST			3,917.00	
i) CGST	3,28,849.00		-	
ii) SGST	3,28,849.00		-	
iii) IGST	12,89,379.00		-	
b) TDS Payable on Other than Salary	7,758.00		51,287.00	
c) Work Contract Tax Payable	1,910.00		400.00	
d) Labour Cess Payable	5,14,799.00		-	
e) TDS Payable on Salary	18,57,581.00		-	
f) Value Added Tax Payable	2,060.00	43,31,185.00	-	55,604.00
v) Other current Liabilities				
a) Special / Extramural Fund Received				
1) CME	90,000.00		90,000.00	
2) CM Sanjeevani Fund	51,05,993.00		44,63,012.00	
3) Indian Council of Medical Research	19,19,575.00		32,94,573.00	
4) Nimhans Banglore	10,663.00		2,24,203.00	
5) Prime Minister's National Relief Fund	1,01,110.00		1,75,267.00	
6) Aids Control	1,04,831.00		1,04,831.00	
7) Department of Science & Technology	(92,795.00)		11,09,131.00	

SCHEDULE [7] CURRENT LIABILITIES AND PROVISIONS				
Particulars	Current Year 2018-19		Previous Year 2017-18	
	₹		₹	
A) CURRENT LIABILITIES				
8) Mukhyamantri Bal Shrawan Yojna	10,61,206.00		2,58,206.00	
9) United Nations Chilendren's Fund	9,75,780.44		5,39,465.44	
10) CGMICROCON	28,400.00		28,400.00	
11) Chhattisgarh Council of Science & Technology	1,80,000.00		4,80,000.00	
12) Chief Medical and Health Officer (Prashanta K Nayak)	2,45,875.00		2,06,600.00	
13) Department of Health & Family Welfare CG Govt.	4,88,705.00		56,705.00	
14) Extramural Fund. (PADM DAS)	-		5,00,000.00	
15) Extramural Fund. (Sanjay Negi)	1,60,024.00		3,25,216.00	
16) Extramural Fund. (Suprava Patel)	(70,833.00)		2,30,081.00	
17) Indian Council of Medical Research (PCOS)	10,25,104.00		13,72,850.00	
18) Mukhyamatri Sahayta Kosh (Bihar)	1,25,000.00		1,25,000.00	
19) Mukhyamatri Sahayta Kosh (Maharashtra)	118.00		70,000.00	
20) National Academy of Medical Science	3,50,000.00		3,50,000.00	
21) National Child Health Programme	15,00,000.00		15,00,000.00	
22) Rashtriya Swasthya Bima Yojna	5,00,000.00		5,00,000.00	
23) RNTCP (Dr. Ajay Behra)	-		80,000.00	1,60,83,540.44
24) Extramural Fund (Ajay Behra)	18,19,000.00			
25) Extramural Fund (Atul Jindal) RCH/NHW Training	3,00,000.00			
26) Extramural Fund (Hemant Kumar) Microbactrium & Plasmodium	17,73,420.00			
27) Jessy Abraham (DNA Cell Cancer)	90,000.00			
28) Lokesh Singh (Tobacco Cessation)	2,00,000.00			
29) Manisha B. Singh (Microdeletion of Genes in Y)	20,177.00			
30) Manisha Ruikar (SRS VA Supervisor Training)	1,21,800.00			
31) Padma Das (Antimicrobial Stew.)	5,00,000.00			
32) Padma Das (Capicity Building CDC)	7,00,000.00			
33) Prashanta K Nayak (NCD Nurse)	2,16,000.00			

SCHEDULE [7] CURRENT LIABILITIES AND PROVISIONS				
Particulars	Current Year 2018-19		Previous Year 2017-18	
	₹		₹	
A) CURRENT LIABILITIES				
34) Ruchita Nanda (Thyroid Hormones First Timer Preg.)	2,66,760.00			
35) UNICEF (KMC)	3,35,894.00			
36) UNICEF (QI)	(13,976.00)	2,01,37,831.44		
b) Security Deposite Employee	11,51,160.00	11,51,160.00	19,64,380.00	19,64,380.00
c) Security Deposite Vendor	2,57,10,639.00	2,57,10,639.00	80,61,587.00	80,61,587.00
d) Earnest Money Deposit	2,44,31,899.00	2,44,31,899.00	1,76,39,495.00	1,76,39,495.00
e) Advance deposited by Patients	9,79,000.00	9,79,000.00	1,15,636.00	1,15,636.00
f) Withheld for Service Tax				
Rahul Tour & Travels	92,149.00		92,149.00	
Kone Elevator India Pvt. Ltd.	7,076.00		7,076.00	
BL Kashyap and Sons Ltd.	21,25,860.00		21,25,860.00	
Dev Travel Car Rental Services	567.00		567.00	
Cubes Media & Branding Pvt. Ltd.	17,218.00		17,218.00	
Service Master Clean Ltd.	48,915.00		48,915.00	
RS Maintainance Services & Pest Control	8,611.00	23,00,396.00	8,611.00	23,00,396.00
g) Withheld other				
Ghanshyam Laundry	19,112.00		19,112.00	
EDCIL (India) Ltd.	9,25,625.00		9,25,625.00	
M.J. Solanki	1,50,000.00		1,50,000.00	
BL Kashyap and Sons Ltd.	10,25,640.00		10,75,640.00	
Globus Infocom Ltd.	4,16,174.00		4,16,174.00	25,86,551.00
R.S. Maintainance Services	2,000.00			
Shree Sai Services	10,000.00			
Punjllloyd LLtd.	1,00,000.00			
Ahluwalia Contractor	1,24,602.00			
Security & Intelligence Services	2,48,316.00			
Vraj Tours & Travells	34,000.00	30,55,469.00		
h) Withheld for Completion Certificate				
Pooja Traders	-		30,000.00	
Globus Infocom Ltd.	38,661.00		38,661.00	68,661.00
Manohar Lal Gawri	50,000.00			
Punjllloyd Ltd.	5,00,000.00	5,88,661.00		
i) Withheld for EOT				
Pooja Traders	-		82,070.00	
Anil Mathani	1,50,000.00		1,50,000.00	2,32,070.00

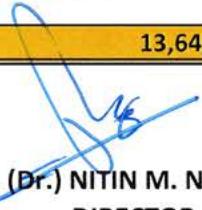
SCHEDULE [7] CURRENT LIABILITIES AND PROVISIONS				
Particulars	Current Year 2018-19		Previous Year 2017-18	
	₹		₹	
A) CURRENT LIABILITIES				
Manohar Lal Gawri	4,24,642.00	5,74,642.00		
j) Withheld for Rectification				
Puskar Gokulka	2,000.00		12,000.00	
Pujloyd Ltd.	41,762.00		41,762.00	
Steel Case	20,000.00	63,762.00	20,000.00	73,762.00
k) Withheld for Test Check				
Pooja Traders			25,000.00	25,000.00
l) Withheld as per Clause 36 (I)				
BL Kashyap and Sons Ltd.	16,75,000.00		9,00,000.00	
Punjloyd Ltd.	7,50,000.00		3,50,000.00	
Ahluwalia Contracts (I) Ltd.	1,25,000.00		75,000.00	13,25,000.00
Pushkar Gokulka	60,000.00	26,10,000.00		
m) Withheld for EPF				
C-Net Infotech Pvt. Ltd.	3,40,450.00		1,51,124.00	
M.J. Solanki	1,00,000.00		1,00,000.00	2,51,124.00
Luxura Enterprises Pvt. Ltd.	1,00,000.00	5,40,450.00		
n) Withheld for GST				
Ahluwalia Contracts (I) Ltd.	1,50,764.00		84,769.00	
V-Raj Tour & Travels	67,208.00	2,17,972.00	67,208.00	1,51,977.00
o) Withheld for HRA and ESI				
Security & Intelligence Services	66,78,267.00		19,10,738.00	
C-Net Infotech Pvt. Ltd.	1,39,306.00	68,17,573.00	82,189.00	19,92,927.00
p) Withheld for Vehicle				
Ahluwalia Contracts (I) Ltd.	3,00,000.00	3,00,000.00	2,00,000.00	2,00,000.00
q) CG Government				
	100.00	100.00	100.00	100.00
r) Liability towards Scholarship				
	900.00	900.00	-	-
s) GIA NAGPUR				
GIA Nagpur (Capital)	1,21,61,208.00		-	
GIA Nagpur (General)	2,82,18,697.00		-	
GIA Nagpur (Salary)	9,01,47,208.00	13,05,27,113.00	-	-
t) GIA MANGALAGIRI				
GIA Mangalagiri (Capital)	1,60,52,034.00		-	
GIA Mangalagiri (General)	2,63,08,171.00		-	
GIA Mangalagiri (Salary)	8,99,77,671.00	13,23,37,876.00	-	-
u) Recovery as per Labour Report				
	4,800.00	4,800.00	-	-

SCHEDULE [7] CURRENT LIABILITIES AND PROVISIONS				
Particulars	Current Year 2018-19		Previous Year 2017-18	
	₹		₹	
A) CURRENT LIABILITIES				
v) Withheld for Non-Achievement WCT				
Puskar Gokulka	37,385.00	37,385.00	-	-
w) Withheld for Waterproofing				
PRG Associates	19,256.00	19,256.00	-	-
x) Withheld for IGST				
Schiller Healthcare India P Ltd	3,16,200.00	3,16,200.00	-	-
y) Withheld till Warranty Period				
Shree Krishna Green Estate	1,30,465.00	1,30,465.00	-	-
z) Withheld Uniform Washing Allowance				
Security & Intelligence Services	2,69,362.00	2,69,362.00	-	-
TOTAL (A)		45,42,30,289.44		12,78,39,625.44

B) PROVISIONS				
i) For Taxation	-	-	-	-
ii) Gratuity	-	-	-	-
iii) Superannuation/ Pension	-	-	-	-
iv) Accumulated Leave Encashment	-	-	-	-
v) Trade Warranties/ Claims	-	-	-	-
vi) Electricity Exp.	88,67,980.00	88,67,980.00	68,69,240.00	68,69,240.00
vii) External Remittance	3,62,629.00	3,62,629.00	19,791.00	19,791.00
viii) NPS Payable	28,76,557.00	28,76,557.00	13,58,428.00	13,58,428.00
ix) Salary Payable	12,07,67,549.00	12,07,67,549.00	52,381.00	52,381.00
x) Telephone Exp.	1,81,379.00	1,81,379.00	1,02,477.00	1,02,477.00
xi) CAG Audit Fees Payable	2,62,480.00	2,62,480.00	2,00,000.00	2,00,000.00
xii) Childeren Education Allowance Payable	75,00,000.00	75,00,000.00	-	-
xiii) Learning Resource Allowance Payable	2,50,00,000.00	2,50,00,000.00	-	-
TOTAL (B)		16,58,18,574.00		86,02,317.00

GRAND TOTAL (A+B)	62,00,48,863.44	13,64,41,942.44
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(B.K. AGRAWAL)
FINANCIAL ADVISOR


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SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31/03/2019**

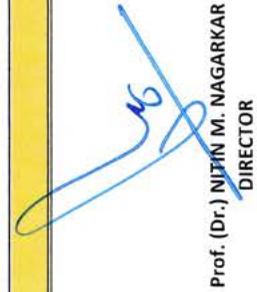
SCHEDULE [8] FIXED ASSETS AS ON 31/03/2019

S.N.	PARTICULARS	GROSS BLOCK			DEPRECIATION BLOCK			NET BLOCK		
		Cost valuation As at beginning of the Year	Additions during the year	Deduction During the year	Cost/ Valuation at the Year-End	As at the Beginning of the Year	Additions during the year	Deduction During the Year	As at the Current Year-End	As at the previous Year-End
1	LAND	100.00	-	-	100.00	-	-	-	100.00	100.00
2	BUILDING	28,26,143.00	47,87,189.00	-	76,13,332.00	9,86,719.00	4,23,301.00	14,10,020.00	62,03,312.00	18,39,424.00
3	FURNITURE & FIXTURES	10,33,61,178.00	2,69,19,199.00	-	13,02,80,377.00	1,90,32,384.00	1,00,92,921.00	2,91,25,305.00	10,11,55,072.00	8,43,28,794.00
4	OFFICE EQUIPMENT	66,71,808.00	23,52,455.00	-	90,24,263.00	13,26,302.00	10,45,771.00	26,28,128.00	63,96,135.00	53,45,506.00
5	COMPUTER	2,37,98,766.00	1,08,68,698.00	-	3,46,67,464.00	2,06,68,664.00	41,21,217.00	2,47,89,881.00	98,77,583.00	31,30,102.00
6	ELECTRIC INSTALLATIONS	2,26,20,145.00	31,86,120.00	-	2,58,06,265.00	26,45,489.00	21,42,813.00	41,94,793.00	2,16,11,472.00	1,99,74,656.00
7	PLANTS & MACHINERY	52,84,35,514.09	65,67,37,863.97	-	1,18,51,73,378.06	17,65,92,547.00	22,42,11,755.00	40,08,04,302.00	78,43,69,076.06	35,18,42,967.09
8	BOOKS	2,41,09,802.00	20,31,077.00	-	2,61,40,879.00	1,97,20,642.00	39,49,539.00	2,36,70,181.00	24,70,698.00	43,89,160.00
9	MOTOR VEHICLE	14,58,345.00	11,32,031.00	-	25,90,376.00	2,18,752.00	3,55,744.00	5,74,496.00	20,15,880.00	12,39,593.00
	TOTAL RUPEES	71,32,81,801.09	70,80,14,632.97	-	1,42,12,96,434.06	24,11,91,499.00	24,63,43,061.00	48,71,97,106.00	93,40,99,328.06	47,20,90,302.09

CAPITAL WORK-IN PROGRESS DURING THE YEAR 2018-19	2,81,54,89,431.75	67,65,34,388.00	61,71,31,190.63	2,87,48,92,629.12	-	-	-	-	2,87,48,92,629.12	2,81,54,89,431.75
Package-I (Medical College & Hostel)	26,24,23,028.00	6,38,50,315.00	-	32,62,73,343.00	-	-	-	-	32,62,73,343.00	26,24,23,028.00
Package- II (Hospital Complex)	73,13,50,122.00	31,47,05,908.00	-	1,04,60,56,030.00	-	-	-	-	1,04,60,56,030.00	73,13,50,122.00
Package- III (Electrical)	3,54,78,196.00	1,26,76,176.00	-	4,81,54,372.00	-	-	-	-	4,81,54,372.00	3,54,78,196.00
Package- IV (Estate Services)	24,48,98,096.00	1,16,8,28,374.00	-	36,17,26,470.00	-	-	-	-	36,17,26,470.00	24,48,98,096.00
WIP AIIMS	25,03,56,104.00	4,22,73,461.00	39,05,004.00	28,87,24,561.00	-	-	-	-	28,87,24,561.00	25,03,56,104.00
Payment Made to HLL in WIP	1,28,87,68,249.75	12,62,00,154.00	61,10,10,550.63	80,39,57,853.12	-	-	-	-	80,39,57,853.12	1,28,87,68,249.75
Package - V (Parking Shed)	22,15,636.00	-	22,15,636.00	-	-	-	-	-	-	22,15,636.00
TOTAL										3,80,89,91,957.18



**(B.K. AGRAWAL)
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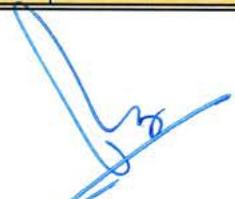
**Prof. (Dr.) NITIN M. NAGARKAR
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SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31/03/2019

SCHEDULE [9] INVESTMENTS FROM EARMARKED/ ENDOWMENT FUNDS		
Particulars	Current Year 2018-19 ₹	Previous Year 2017-18 ₹
a) In Government Securities	-	-
b) Other approved Securities	-	-
c) Shares	-	-
d) Debentures and Bonds	-	-
e) Subsidiaries and Joint Ventures	-	-
f) Others (to be specified)	-	-
Total	-	-

SCHEDULE [10] INVESTMENT OTHERS		
Particulars	Current Year 2018-19 ₹	Previous Year 2017-18 ₹
a) In Government Securities	-	-
b) Other approved Securities	-	-
c) Shares	-	-
d) Debentures and Bonds	-	-
e) Subsidiaries and Joint Ventures	-	-
f) Others (FDR in Bank of India)	-	-
Total	-	-


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SCHEDULE [11] CURRENT ASSETS, LOANS, ADVANCES ETC.				
Particulars	Current Year 2018-19		Previous Year 2017-18	
		₹		₹
CURRENT ASSETS				
a) Inventories				
1 Stores and Spares				
2 Loose Tools				
3 Stock in trade				
Finished Goods				
Work in progress				
Raw Materials				
b) Sundry Debtors:				
1 Debts Outstanding for a period exceeding six months				
i) AIIMS, Patna		28,20,000.00		28,20,000.00
ii) Empanellement Fees Receivable				
a) Abbott India Limited		5,000.00		5,000.00
b) Micro Pharmaceuticals		5,000.00		5,000.00
c) Lupin Ltd.		5,000.00		5,000.00
d) Anglo France Drugs & India. Ltd.		5,000.00	28,40,000.00	5,000.00
				28,40,000.00
2 Others				
i) Rent Receivable				
a) Seema Agency		71,560.00		1,07,340.00
b) Amul Parlour		8,15,584.00	8,87,144.00	6,63,260.00
				7,70,600.00
3 Statutory Dues Receivable				
i) TDS Receivables on account of deduction made by CSPDCL				
a) For Financial Year 2013-14		-		3,36,669.00
b) For Financial Year 2014-15		-		2,81,769.00
c) For Financial Year 2015-16		-		2,79,842.00
d) For Financial Year 2016-17		-		2,51,788.00
e) For Financial Year 2017-18		-		2,15,812.00
f) For Financial Year 2018-19		4,14,450.00		-
ii) TDS Receivables on account of deduction made by CG Trousim Board		60,000.00		-
iii) TDS Receivables on account of deduction made by Bank of India		58,89,443.00		-
iv) TDS Receivables on account of deduction made by Indian Oil Corporation		1,271.00		-
v) TDS Receivables on account of deduction made by Raipur Development Authority		3,000.00		-
vi) TDS Receivable on account of deduction made by State Health Resource Centre.		6,000.00	63,74,164.00	-
				13,65,880.00
c) Cash balances in hand (including cheques and imprest)				
		2,55,584.00	2,55,584.00	63,042.00
				63,042.00

SCHEDULE [11] CURRENT ASSETS, LOANS, ADVANCES ETC.				
Particulars	Current Year 2018-19		Previous Year 2017-18	
	₹		₹	
d) Bank Balances:				
1 With Scheduled Banks				
On Current Accounts				
a) Bank of India Current Plus A/c No. 935420110000157 (Including Balances of AIIMS Nagpur and Mangalagiri)	1,54,37,94,458.69		2,50,74,34,320.50	
b) Bank of India Current Plus A/c No. 936320110000024	18,43,75,634.52		12,66,04,973.95	
c) Bank of India (RNTCP) Ajay Behra A/c No. 936310110005042	-		80,000.00	
d) State Bank of India (ARPAN) A/c No. 36721449858	54,263.00		11,210.00	
e) Ayushman Bharat (A/c No.: 936320110000307)	30,96,639.00	1,73,13,20,995.21	-	2,63,41,30,504.45
On Deposit Accounts(including margin money)				
On Saving Account				
2 With Non-Scheduled Banks				
On Current Accounts				
On Deposit Accounts(including margin money)				
On Saving Account				
e) Post office- Savings Account				
f) Advances & Security Deposits				
1) Advances to Contractors/ Vendors				
i) HSCC (I) Ltd.	4,01,628.00		4,01,628.00	
ii) Mukesh & Associates	1,31,100.00		1,31,100.00	
iii) Sage Publication	45,847.83		45,847.83	
iv) Total Library Solution	2,22,881.30		2,22,881.30	
v) NICS	8,14,000.00		8,14,000.00	
viii) National Institute of Technology	4,87,000.00		4,87,000.00	
ix) Prime One Workforce (Excess TDS Deducted and Deposited)	42,139.00		-	
x) Advance to HLL for PICU	1,97,95,200.00		-	
xi) Advance to HLL for NICU	1,90,06,000.00		-	
xii) Advance with Scientific Traders	624.00	4,09,46,420.13	-	21,02,457.13
2) Other Advances				
i) Contingent Advances	13,27,781.25		8,47,693.25	
ii) Contingent Advance (Special Fund)	22,33,530.24		11,30,093.24	
iii) Imprest Money	1,05,134.00		2,86,296.00	
iv) LTC Advances	62,330.00		4,57,444.00	
v) Tour Advances	30,13,510.00		21,34,242.00	
vi) Advance to ORIANA Fest.	(64,271.00)		15,00,000.00	
vii) Contingent Advance (SAP)	66,416.00		-	
viii) Financial Assistance	1,10,000.00		-	
ix) Imprest Money (Mangalagiri)	25,000.00		-	
x) Imprest Money (Nagpur)	25,000.00		-	
xi) Medical Advance	1,20,000.00		-	

SCHEDULE [11] CURRENT ASSETS, LOANS, ADVANCES ETC.				
Particulars	Current Year 2018-19		Previous Year 2017-18	
		₹		₹
xii) Tour Advance (Nagpur)		45,000.00		-
xiii) Advance Salary		18,57,581.00		-
xiv) Contingent Advance (Fund Transfer) (Mangalagiri)*		43,00,000.00		-
xv) Contingent Advance (Fund Transfer) (Nagpur)*		37,00,000.00	1,69,27,011.49	-
3) Security Deposits				
i) Security Deposite with BSNL		14,845.00		14,845.00
ii) Security Deposite with CSPDCL		60,10,000.00	60,24,845.00	10,000.00
				24,845.00
4) Mobilization Advances (Credit Balance)	(17,40,33,095.00)	(17,40,33,095.00)	(16,87,74,385.00)	(16,87,74,385.00)
5) Intramural Fund Balance with :-				
i) Alok Agrawal (Sickle Cell)		3,62,162.00		5,00,000.00
ii) Manisha B Sinha (Sperm DNA)		1,50,189.00		1,25,259.00
iii) Ujjawala Gaikward (Micro Surviulliance)		2,61,732.00		1,41,732.00
iv) Sanjay Negi (Mycobacterium)		2,37,808.00		1,24,880.00
v) Suprava Patel (Congenital Hypothyroidism)		34,522.00		96,916.00
				9,88,787.00
vi) Ajali Pal (Folic Acid Supply & Folic Acid)		60,000.00		
vii) Anudita Bhargav (Scrub Typhus Del)		22,575.00		
viii) Eli Mohapatra (Serum ferritin metablic synd)		25,000.00		
ix) Jayshree Ghatte (V-D Somantic 7 Neuro)		24,000.00		
x) Jeshy Abraham (breast cancer therapy)		9,887.00		
xi) Meenakshi Sinha (heart rate variability)	(1,51,258.00)			
xii) Prashanta Nayak (Uterine Cervix)		25,000.00	10,61,617.00	
TOTAL		1,63,26,04,685.83		2,47,98,67,499.07

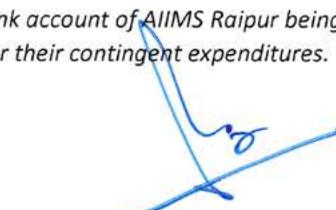
Note: Amounts due within one year

***Note:-**

This is not advance. MoHFW has transferred these fund to the bank account of AIIMS Raipur being the mentor. According above amount were transferred to these institutions for their contingent expenditures.



(B.K. AGRAWAL)
FINANCIAL ADVISOR

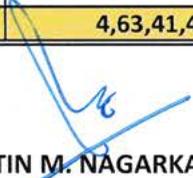


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SCHEDULE [12] INCOME FROM SALES/ SERVICES		
Particulars	Current Year 2018-19 ₹	Previous Year 2017-18 ₹
a) Income from Sales		
i) Sale of Finished Goods	-	-
ii) Sale of Raw Material	-	-
iii) Sale of Scrape		-
b) Income from Services		
i) Receipts From Medical College		
a) Admission Fees	10,55,220.00	9,29,322.00
b) Entrance Fees	16,00,600.00	2,58,87,805.00
c) Examination Fees	1,36,836.00	1,31,320.00
d) Student Transcript Fee	6,500.00	1,500.00
e) Other Receipts	6,060.00	1,968.00
ii) Receipts From Hospital		
a) Attendent Pass	4,078.00	1,550.00
b) Biochemistry	40,78,597.00	36,64,545.00
c) Blood Bank	2,83,174.00	3,69,100.00
d) CT Scan Receipts	27,78,103.00	29,09,620.00
e) ECG Receipts	5,13,370.00	3,94,199.00
f) ECHO Receipts	2,13,200.00	6,61,335.00
g) IPD Receipts	28,87,415.00	19,11,619.00
h) Medical Fitness	5,535.00	1,150.00
i) Microbiology Receipts	10,18,104.00	8,69,946.00
j) MRI Receipts	26,92,005.00	5,83,632.00
k) OPD Receipts	11,73,270.00	8,89,325.00
l) Ophthalmology Test Amount	21,520.00	17,525.00
m) OT Procedure Receipts	28,34,765.00	26,88,733.00
n) Pathology Receipts	13,22,304.00	8,56,384.00
o) Suture Material Receipts	-	12,202.00
p) USG Receipts	4,63,850.00	8,46,775.00
q) X-Ray Receipts	23,84,955.00	12,25,143.00
r) Yellow Fever Receipts	1,14,000.00	54,600.00
s) POS Income	26,02,553.01	14,32,185.76
t) Other Receipts	1,53,849.00	6.00
u) Anatomy Department Receipts	36,000.00	-
v) Lab Services	14,40,793.00	-
w) Nuclear Medicine	2,48,400.00	-
x) Radiology	4,500.00	-
Total	3,00,79,556.01	4,63,41,489.76


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SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31/03/2019**

SCHEDULE [13] GRANTS/ SUBSIDIES		
Particulars	Current Year 2018-19 ₹	Previous Year 2017-18 ₹
(Irrevocable grants & Subsidies Received)		
a) Central Government (Ministry of Health & Family Welfare))		
i) Grants-in-Aid (Salary)	65,76,00,000.00	1,00,00,00,000.00
ii) Grants-in-Aid (General)	55,61,00,000.00	25,00,00,000.00
iii) Grants-in-Aid (Creation of Capital Assets)	-	55,00,00,000.00
iv) Grants-in-Aid (Swachhata Action Plan) (General)	-	4,90,00,000.00
b) State Government	-	-
c) Government Agencies	-	-
d) Institutions/ Welfare Bodies	-	-
e) International Organisations	-	-
f) Others (specify)	-	-
Total	1,21,37,00,000.00	1,84,90,00,000.00

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SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31/03/2019

SCHEDULE [14] FEES/ SUBSCRIPTIONS		
Particulars	Current Year 2018-19 ₹	Previous Year 2017-18 ₹
a) Entrance Fees	-	-
b) Annual Fees/ Subscriptions	-	-
c) Seminar/ Program Fees	-	-
d) Consultancy fees	-	-
e) Others (Specify)	-	-
Total	-	-

SCHEDULE [15] INCOME FROM INVESTMENT		
	2018-19 ₹	2017-18 ₹
(Income on Invest. From Earmarked/ Endowment Funds transferred to Funds, Rent etc.		
a) Interest		
i) On Govt. Securities (Bank Interest)	-	-
ii) Other Bond/ Debentures	-	-
b) Dividends:		
i) On Shares	-	-
ii) On Mutual Fund Securities	-	-
c) Rents	-	-
d) Others	-	-
Total	-	-

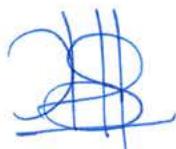
SCHEDULE [16] INCOME FROM ROYALTY, PUBLICATION ETC.		
Particulars	Current Year 2018-19 ₹	Previous Year 2017-18 ₹
a) Income From Royalty	-	-
b) Income from Publications	-	-
c) Others (Specify)	-	-
Total	-	-


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SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31/03/2019

SCHEDULE [17] INTEREST EARNED		
Particulars	Current Year 2018-19 ₹	Previous Year 2017-18 ₹
a) On Term Deposites :		
i) With Scheduled Banks	11,23,38,347.00	7,54,30,057.00
ii) With Non Scheduled Banks	-	-
iii) With Institutions	-	-
iv) Others	-	-
b) On Saving Accounts:		
i) With Scheduled Banks	-	-
ii) With Non Scheduled Banks	-	-
iii) With Institutions	-	-
iv) Others	-	-
c) On Loans		
i) Employees/ Staff	-	-
ii) Others	-	-
d) Interest from CSEB	19,86,382.00	21,58,121.00
e) Interest Receipt from Mobilization Advances	1,58,411.00	31,51,157.00
f) Prior Period Interest Income	6,99,43,370.00	-
Total	18,44,26,510.00	8,07,39,335.00



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SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31/03/2019**

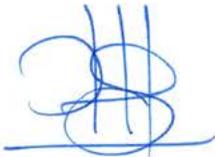
SCHEDULE [18] OTHER INCOME		
	Current Year 2018-19 ₹	Previous Year 2017-18 ₹
a) Profit on Sale/ disposal of Assets		
i) Sale of Cartoons		-
b) Licence Fees	5,76,599.00	4,83,460.00
c) Tender Fees	3,71,500.00	4,96,858.00
d) Miscellaneous Income		
i) Liquidated Damage	16,61,383.00	17,51,307.00
ii) Notice Period Recovery from Staff	37,31,220.00	13,40,339.00
iii) Forfiture of SD/EMD/FDR	19,57,688.00	66,501.00
iv) Received from Guest House	4,77,680.00	3,74,020.00
v) Other	3,14,390.00	2,62,418.00
viii) Received from Gym	13,850.00	14,700.00
xi) General Damage	21,297.00	1,05,309.00
x) Penalty Receipts	40,43,103.00	18,38,100.00
xi) Receipt from Labour Charges Collection	55,555.00	54,251.00
xii) Receipt from Postal Order Deposites	2,170.00	580.00
xiii) Recovery for Risk & Cost	16,560.00	-
e) Rent	44,53,571.00	18,38,132.00
f) Donation for Poor Patient	43,053.00	1,210.00
g) Employee Health Scheme	40,34,106.00	20,19,650.00
h) Kayakalp Award Money Receipt	-	1,00,00,000.00
i) Donation from Chhattisgarh Rajya Gramin bank for VAN	11,32,031.00	-
j) Ayushman Bharat Claim Receipts	30,96,639.00	-
Total	2,60,02,395.00	2,06,46,835.00

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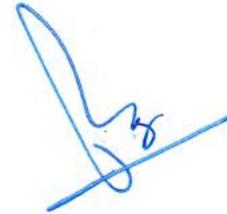
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SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31/03/2019**

SCHEDULE [19] INCREASE/ (DECREASE) IN STOCK IN FINISHED GOODS		
Particulars	Current Year 2018-19 ₹	Previous Year 2017-18 ₹
a) Closing Stock	-	-
Finished Goods	-	-
Work-in-progress	-	-
b) Less: Opening Stock	-	-
Finished Goods	-	-
Work-in-progress	-	-
NET INCREASE/ (DECREASE) (a-b)	-	-



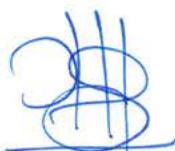
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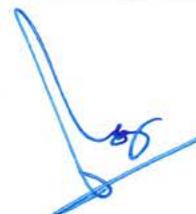
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SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31/03/2019

SCHEDULE [20] ESTABLISHMENT EXPENSES		
Particulars	Current Year 2018-19 ₹	Previous Year 2017-18 ₹
Salaries, wages	94,08,73,683.00	25,51,88,746.00
Allownces	41,23,62,408.00	32,80,49,400.00
Contribution to New Pension Scheme	4,94,20,860.00	2,65,56,875.00
Contribution to Other Fund	34,69,643.00	35,94,198.00
Staff welfare expenses	-	-
Others (Leave Travel Concession)	44,24,085.00	43,16,317.00
Total	1,41,05,50,679.00	61,77,05,536.00



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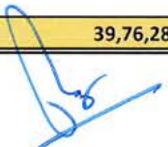


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SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31/03/2019

SCHEDULE [21] OTHER ADMINISTRATIVE EXPENSES ETC.		
Particular	Current Year	Previous Year
	2018-19	2017-18
	₹	₹
Electricity and Power	8,93,93,025.00	7,97,24,501.00
Repair and Maintenance	4,55,54,163.00	1,73,74,162.00
Advertisement	1,27,82,453.00	1,00,51,887.00
Telephone	24,90,845.00	25,43,244.00
Postal charges	2,31,350.00	1,91,004.00
Printing and Stationary	45,63,488.00	32,44,986.10
Training & Development Expenses	-	75,984.00
Entertainment expenses	1,25,073.00	1,84,057.00
Meeting Expenses	9,64,587.00	10,00,899.00
Outsourcing expenses	23,22,40,322.00	15,47,22,556.00
Learning Resource Allowances	2,69,81,898.00	64,13,141.00
Medicine & Consumables	8,39,78,033.60	4,83,08,605.90
Travelling	1,57,36,830.00	1,52,98,297.00
Registration Expenses	5,72,365.00	2,10,353.00
Computer Expenses	5,02,979.00	2,27,761.00
Electrical Maintenance Expenses	76,82,798.00	30,43,609.00
Food Supply Patient	1,80,12,520.00	16,83,453.00
Books, News Paper, Magazines	6,73,514.00	3,88,762.00
Office Expenses	32,47,114.00	2,78,646.00
Garbage Disposal Expenses	7,839.00	1,25,195.00
Rent & Hire Charges	53,74,091.00	42,96,559.00
Fuel Charges	11,72,015.00	4,39,386.00
Professional Legal & Statutory Charges	4,29,000.00	1,54,75,462.00
Audit Expenses	3,24,960.00	3,33,580.00
Bank Charges	1,44,327.62	56,610.56
Insurance	19,260.00	16,858.00
Computer Repair & Maintenance	7,89,679.00	4,94,291.00
Examination Expenses for various recruitment	1,31,70,843.00	97,08,388.00
Electricity Additional Loading Charges	14,16,000.00	-
Municipal Taxes	38,55,827.00	38,57,523.00
Admission fees (Transfer/Refund)	8,359.00	3,42,492.00
Price Distribution Expenses	1,20,977.00	72,694.00
Monitory Award	-	38,750.00
Stipend Paid to Students	2,21,41,738.00	1,32,82,793.00
Consumables (General)	94,27,817.40	37,77,729.00
Freight Expenses	85,102.00	20,770.00
Sports Items	2,71,607.00	3,23,184.00
Book Allowance	59,540.00	-
Licence Fee for LMO	2,000.00	-
Medical Treatment	73,497.00	-
Total	60,46,27,836.62	39,76,28,172.56


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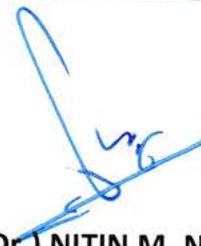
**ALL INDIA INSTITUTE OF MEDICAL SCIENCES, RAIPUR (CHHATTISGARH)
SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31/03/2019**

SCHEDULE [22] EXPENDITURE ON GRANTS, SUBSIDIES ETC.		
Particular	Current Year 2018-19 ₹	Previous Year 2017-18 ₹
a) Grants given to Institution/ Organisations	-	-
b) Subsidies given to Institutions/ Organisations	-	-
c) Expenses Under Kayakalp Award Money Receipt	24,99,171.00	4,21,899.00
Total	24,99,171.00	4,21,899.00

SCHEDULE [23] INTEREST		
Particular	Current Year 2018-19 ₹	Previous Year 2017-18 ₹
a) On Fixed Loans	-	-
b) On Other Loans (Including Bank Charges)	-	-
c) Others (Specify)	-	-
Total	-	-



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ALL INDIA INSTITUTE OF MEDICAL SCIENCES, RAIPUR (CHHATTISGARH)

UTILIZATION CERTIFICATE FOR THE PERIOD 01.04.2018 TO 31.03.2019

UTILIZATION DETAILS		
Particular		Current Year 2018-19 ₹
Opening Balance of Grants		
GIA- Salary	77,51,44,964.00	1,94,08,10,873.00
GIA- General	10,51,04,566.17	
GIA- Creation of Capital Assets	1,01,12,11,342.83	
GIA- Creation of Capital Assets (Non Recurring)	3,50,000.00	
GIA- General (Swatchhata Action Plan)	4,90,00,000.00	
(+) Grant Received During The Year		
GIA- Salary	65,76,00,000.00	1,21,37,00,000.00
GIA- General	55,61,00,000.00	
GIA- Creation of Capital Assets	-	
(-) Utilization During the Year		
GIA- Salary	1,41,05,50,679.00	2,78,14,20,859.96
GIA- General	60,46,27,836.62	
GIA- Creation of Capital Assets	76,54,63,190.34	
GIA- Creation of Capital Assets (Non Recurring)	-	
GIA- General (Swatchhata Action Plan)	7,79,154.00	
Unspent Balance on Grants		
GIA- Salary	2,21,94,285.00	37,30,90,013.04
GIA- General	5,65,76,729.55	
GIA- Creation of Capital Assets	24,57,48,152.49	
GIA- Creation of Capital Assets (Non Recurring)	3,50,000.00	
GIA- General (Swatchhata Action Plan)	4,82,20,846.00	



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UTILIZATION CERTIFICATE FOR THE PERIOD 01.04.2018 TO 31.03.2019

UTILIZATION DETAILS FOR AIIMS MANGALAGIRI		
Particular		Current Year 2018-19 ₹
Opening Balance of Grants		
GIA- Salary	-	
GIA- General	-	
GIA- Creation of Capital Assets	-	
GIA- General (Repayment of HEFA Loan)	-	-
(+) Grant Received During The Year		
GIA- Salary	13,00,00,000.00	
GIA- General	4,00,00,000.00	
GIA- Creation of Capital Assets	2,00,00,000.00	
GIA- General (Repayment of HEFA Loan)	26,25,00,000.00	45,25,00,000.00
(-) Utilization During the Year		
GIA- Salary	4,00,22,329.00	
GIA- General (Expenditure + Fund Transfer)	1,79,91,829.00	
GIA- Creation of Capital Assets	39,47,966.00	
GIA- General (Repayment of HEFA Loan)	26,25,00,000.00	32,44,62,124.00
Unspent Balance on Grants		
GIA- Salary	8,99,77,671.00	
GIA- General	2,20,08,171.00	
GIA- Creation of Capital Assets	1,60,52,034.00	
GIA- General (Repayment of HEFA Loan)	-	12,80,37,876.00



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UTILIZATION CERTIFICATE FOR THE PERIOD 01.04.2018 TO 31.03.2019

UTILIZATION DETAILS FOR AIIMS NAGPUR		
Particular		Current Year 2018-19 ₹
Opening Balance of Grants		
GIA- Salary	-	
GIA- General	-	
GIA- Creation of Capital Assets	-	
GIA- General (Repayment of HEFA Loan)	-	-
(+) Grant Received During The Year		
GIA- Salary	13,00,00,000.00	
GIA- General	4,00,00,000.00	
GIA- Creation of Capital Assets	2,00,00,000.00	
GIA- General (Repayment of HEFA Loan)	26,25,00,000.00	45,25,00,000.00
(-) Utilization During the Year		
GIA- Salary	3,98,52,792.00	
GIA- General (Expenditure + Fund Transfer)	1,54,81,303.00	
GIA- Creation of Capital Assets	78,38,792.00	
GIA- General (Repayment of HEFA Loan)	26,25,00,000.00	32,56,72,887.00
Unspent Balance on Grants		
GIA- Salary	9,01,47,208.00	
GIA- General	2,45,18,697.00	
GIA- Creation of Capital Assets	1,21,61,208.00	
GIA- General (Repayment of HEFA Loan)	-	12,68,27,113.00



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SCHEDULE- 24

SIGNIFICANT ACCOUNTING POLICIES AND NOTES TO ACCOUNTS AS ON 31.03.2019

A. ACCOUNTING CONVENTION

- The financial statement are prepared on the basis of historical cost convention, unless otherwise stated and on the accrual method of accounting. The expenses/capitalization of fixed assets are booked on the basis of sanction order for payment.

B. INVESTMENTS

- No investment made during the year ended on 31st March 2019.

C. FIXED ASSETS

- Fixed Assets are stated at the cost of acquisition inclusive of inward freight, duties and taxes, incidental and direct expenses related to acquisition. In respect to projects involving construction, related preoperational expenses form part of the value of the assets capitalized.

D. DEPRECIATION

- Depreciation is provided on written down value of assets. Rate of depreciation has been taken from rates specified in Income Tax Act 1961.
- Assets which are purchased in financial year 2018-19 but put to use is after financial year 2018-19, no depreciation is charged. Similarly assets which are purchased in different previous years and whose put to use date is in F.Y. 2018-19 depreciation has been charged accordingly.

E. REVENUE RECOGNITION

- Revenue from sales and service as reflecting in Income & Expenditure Accounts includes fees collected from students, collections from hospital (OPD, IPD, DIAGNOSTIC TEST, etc.) on cash basis. Only income from bank deposits has been considered on accrual basis.

F. MISCELLANEOUS EXPENDITURE

- No Miscellaneous expenditure concept apply in AIIMS, Raipur.

G. GOVERNMENT GRANTS AND SUBSIDIES

- Government Grants received from Ministry of Health and Family welfare, Government of India for creation of Capital Asset has directly been transferred to Corpus and Capital Fund, under Capital Account in Balance Sheet.
- Government Grants received from Ministry of Health and Family welfare, Government of India for Salary and General has directly been transferred to Income and expenditure account, under Grants and Subsidies head.

H. FOREIGN CURRENCY TRANSACTIONS

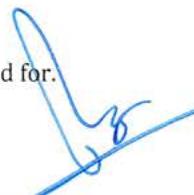
- Transaction denominated in foreign currency are accounted at the exchange rate prevailing at the date of the transaction.

I. RETIREMENT BENEFITS

- No provision for retirement benefit for gratuity etc. are made or accounted for.



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SCHEDULE- 25**CONTINGENT LIABILITIES AND NOTES ON ACCOUNTS****A. CONTINGENT LIABILITIES**

- Letter of Credit opened by bank on behalf of the entity as on 31.03.2019 are followed:-

LC Number	Open Date	Currency	Value	Value in ₹
9357FLCDP180007	09-05-2018	EURO	34,869.80	28,13,644.00
9357FLCDP190002	29-01-2019	EURO	8,239.25	6,77,184.00
Total			43,109.05	34,90,828.00

B. CURRENT ASSETS, LOANS & ADVANCES, CURRENT LIABILITY

- In opinion of management, current assets, loans & advances and Current Liability have a value on realization in the ordinary course of business, equal at least to the aggregate amount shown in the Balance Sheet.

C. TAXATION

- In view of management there being no taxable income under Income Tax Act 1961, therefore no provision for Income Tax has been made in books of accounts.

D. FOREIGN CURRENCY TRANSACTION

Value of Imports Calculated		2018-19	2017-18
i	Purchase of Finished Goods	Nil	Nil
ii.	Raw Material & Components (Including in Transit)	Nil	Nil
iii.	Capital Goods	₹ 71,04,703.44	₹ 93,81,354.01
iv.	Stores, Spares and Consumables	Nil	Nil

E. OTHER NOTES

- As per letter no Z-28016/184/2013-ssh/FTS-64289 dated 20.04.2017 and Z-28016/184/2013-ssh/FTS-64289 dated 17.01.2018, Government of India, Ministry of Health and Family welfare (PMSSY Division), an amount of ₹ 8.76 crore and ₹ 3.86 Crore released for payment to M/s HLL ltd (the procurement support agency) for procurement of Medical equipment. The amount has been booked under head "GIA-Capital" in Work in progress. Which will be transferred to fixed assets on the receipt of final acceptance certificates.
- Interest accrued but not received as per Interest certificate/statement provided by Bank has been accounted for in Books of Account of AIIMS, Raipur.
- Corresponding figures for the previous year has been re-grouped and re-arranged wherever found necessary.
- Schedule 1-25 are annexed to and form an integral part of the balance sheet as on 31.03.2019 and Income and Expenditure for the year ended on the date.
- Old TDS deducted from CSPDCL amounting ₹ 13,65,680.00 transfer to capital account as no return of income was filled and no claim was submitted before income tax department.
- Rectification entry passed on dated 01.04.2018 to close the account of "RNTCP (Dr. Ajoy Behra)" as this account does not belong to AIIMS, Raipur.

7. Out of total depreciation of ₹16,62,65,192.00 on medical equipment transferred from WIP (HLL) Medical Equipment, ₹ 9,18,10,213.00 is prior period depreciation.
8. Depreciation on Electrical Fitting & Appliances of Rs. 5,93,509.00 was charged @ 15% in F.Y. 2017-18 which should have been @10% therefore amount extra charged is now adjusted during the F.Y. 2018-19.
9. Depreciation on Office Machinery & Equipment of ₹ 2,56,055.00 was less charged during F.Y. 2017-18, now adjusted in F.Y. 2018-19.
10. Following amounts was reflecting in WIP (AIIMS) now transferred to WIP HLL MEDICAL PROCUREMENT ledger for better presentation of financial statement of AIIMS, Raipur (no effect in financial statements).

S.N.	Date of Payment	Amount
1	04.06.2016	24,66,00,000.00
2	25.11.2016	28,26,78,146.00
3	31.03.2017	18,85,79,316.75
4	25.04.2017	37,61,49,782.00
5	06.02.2018	19,47,61,005.00
Total		1,28,87,68,249.75

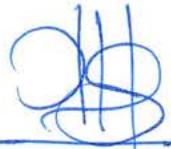
11. Prior period Interest of ₹ 6,99,43,370.00 is incorporated in current financial year which was not included in the last financial year as per statement received from bank. Accordingly the correct interest figure was shown as ₹ 14.54 in final SAR for the F.Y. 2017-18.
12. As per instruction given by audit the amount of ₹ 19,54,640.00 has been transferred to "Books" instead of "LRA".

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F. COMPLIANCE OF SAR OBSERVATIONS FOR FINANCIAL YEAR 2017-18.

- With reference to note no A.1.1.1, it is in practice to show Unspent Balance of Grant in Corpus Fund and not in Current Liability, since Grants are given to AIIMS for establishing this Social sector Institution. It is worth to mention that the Grants was released by the Ministry of Health & Family Welfare against the sanctioned DPR and being taken as Corpus Fund.
- Provision for March Salary has been made in current financial year.
- With reference to note no A.1.1.3, rectification entries have been made and effect being shown in current financial statements.
- With reference to not no. B.1.1, accounting policy as followed by AIIMS, Raipur is that the expenditure are booked only after sanctioning by competent authority.



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Separate Audit Report of the Comptroller and Auditor General of India on the Accounts of the All India Institute of Medical Sciences, Raipur (Chhattisgarh) for the year ended 31 March 2019.

We have audited the attached Balance Sheet of the All India Institute of Medical Sciences (AIIMS) Raipur, Chhattisgarh as at 31 March 2019, the Income and Expenditure Account and the Receipt and Payment Account for the year ended on that date under Section 19 (2) of the Comptroller and Auditor General's (Duties, Powers and Conditions of Service) Act, 1971 read with Section 18(2) of the AIIMS Act, 1956 and the AIIMS (amendment) Act, 2012. These financial statements are the responsibility of the AIIMS'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 and 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 disclosures 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 of 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, Income & Expenditure Account and Receipt & Payment Account dealt with by this report have been drawn up in the format approved by the Ministry of Finance, Government of India.

(iii) In our opinion, proper books of accounts as required under section 18(1) of the AIIMS Act, 1956 and other relevant records have been maintained by the AIIMS Raipur in so far as it appears from our examination of such books.

(iv) We further report that:-

A. General

1. Unspent balance of GIA including interest on GIA has been accounted for as Corpus/Capital Fund instead of Current Liability, which needs rectification.
2. The Institute has not made the provision of Retirement Benefits on actuarial basis which is in contravention of AS 15 as well as Uniform Format of Accounts.

B. Grant-in-aid

During the year, AIIMS, Raipur received grant-in-aid (GIA) of ₹ 121.37 crore and interest received amounting to ₹ 11.45 crore along with internal receipt of ₹ 5.84 crore. In addition to this, there was an unspent balance of ₹ 251.84 crore and unadjusted advance of ₹ 0.81 crore of previous years. Thus out of the total available funds of ₹ 391.31 crore, an amount of ₹ 265.99 crore was utilized leaving an unutilized balance of ₹ 125.32 crore. Unspent balance of GIA includes ₹ 55.57 crore up to March 2019 as interest on GIA. Also there is a difference of ₹ 12.15 crore as per Utilising details and supporting documents which needs to be reconciled.

There was also unadjusted advance of ₹ 5.27 crore which should be included in the Untulised grants.

- (v) Subject to our observations in the preceding paragraphs, we report that the Balance Sheet, Income and Expenditure Account and the Receipts and Payments Account was dealt with by this report are in agreement with the books of accounts.
- (vi) In our opinion and to the best of our information and according to the explanations given to us, the said financial statements read together with the

accounting policies and Notes on Accounts and subject to the significant matters stated above and other matters mentioned in Annexure to this Audit Report give a true and fair view in conformity with accounting principles generally accepted in India.

- a) In so far as it relates to the Balance Sheet, of the state of affairs of the All India Institute of Medical Sciences (AIIMS), Raipur, Chhattisgarh as at 31 March 2019; and
- b) In so far as it relates to the Income and Expenditure Account of the surplus for the year ended on that date.

For and on behalf of the Comptroller and Auditor General of India

Place: - New Delhi

Date: - 08/01/2020



**Director General of Audit
(Central Receipts)**

Annexure

1. Adequacy of Internal Audit System:-

The internal audit has not been conducted during the year. Further-

- (i) There is no internal audit manual in use
- (ii) 17 para are pending of internal audit for period from 2013-14 to 2014-15.
- (iii) No internal audit has been conducted for the last three years since 2016-17.

2. Adequacy of Internal Control System:

The internal control system was found to be inadequate due to:

- (i) 05 paras of compliance audit (01 para for the period since inception to 03/14, 04 paras for the period 07/16 to 07/18) were still pending.
- (ii) Item wise highest and lowest levels of consumable stock have neither been fixed nor maintained.
- (iii) AIIMS Raipur has no Accounting Manual of its own.
- (iv) Misclassification of interest earned (i.e. interest on TD has been shown instead of on FFD)

3. System of Physical Verification of Fixed Assets:

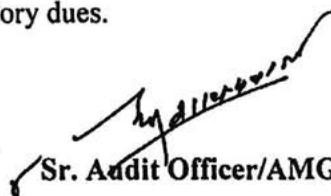
The Physical Verification of Fixed Assets was conducted during the year.

4. System of Physical Verification of Inventories:

The Physical Verification of Inventories was conducted during the year.

5. Regularity in payment of statutory dues:

No irregularity was noticed in the payment of statutory dues.


Sr. Addit Officer/AMG-II

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