



आरोग्यम् सुख सम्पदा

6Th

Annual Report 2017-18

ALL INDIA INSTITUTE OF MEDICAL SCIENCES RAIPUR

Tatibandh, G.E. Road, Raipur - 492 099 (Chhattisgarh) India



आरोग्यम् सुखं सम्यक्

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September, 2018



आरोग्यम् सुख सम्पदा

ALL INDIA INSTITUTE OF MEDICAL SCIENCES, RAIPUR

INTRODUCTION

AIIMS Raipur is an apex healthcare institute 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.



आरोग्यम् सुखं सम्पदा

AIIMS Raipur At A Glance 2017-2018

Data as on 31st March 2018

Academic Details

Teaching Departments	31	Non-faculty staff	1,056
Faculty members	103	Medical Students	392
Faculty members (Nursing)	02	Nursing Students	237

Hospital Services

(from 01/04/2017 to 31/03/2018)

Outpatients (including casualty)	Admissions	Surgery (Operations/ procedures)	Bed Strength
2,56,356	8,053	Major 2,369 Minor 1,946	400 beds

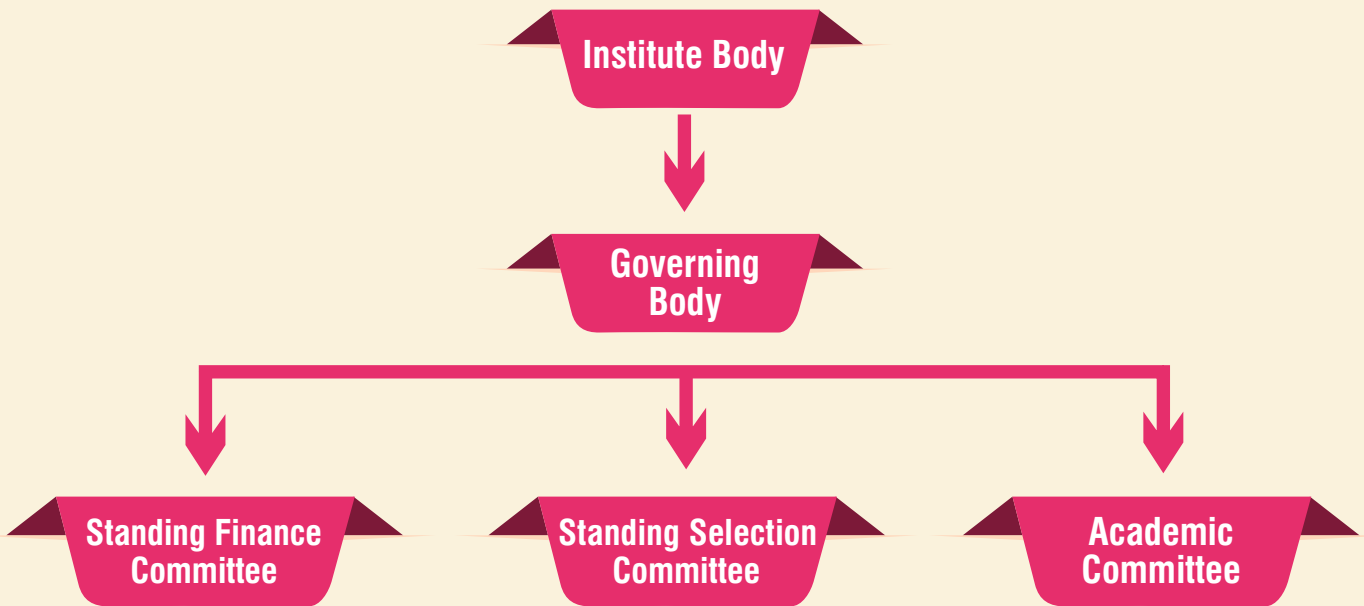
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AIIMS - ORGANISATION STRUCTURE





Director's Review

With Financial year (2017-18) coming to the close for this upcoming Institute of National Importance, it is an honour for me to present the Annual Report and the Audited Statement of Accounts of AIIMS, Raipur. The past year has been full of activity and challenges; very satisfying on the academic, administrative, construction and infrastructure fronts at the same time.

The third meeting of the Academic Committee was successfully held in March 2018. With MD/MS courses already running in 11 specialties, approval for starting Postgraduate courses (MD/MS/MDS) in 11 more branches was granted by the Academic Committee. Approval was also accorded for enhancing the postgraduate student intake in the Departments of Radiodiagnosis and Anesthesia. The first batch of B.Sc.(Hons.) Nursing students who took admission in 2013 successfully completed their course and were offered contractual appointment at AIIMS Raipur itself.

The system of conducting interviews for faculty members and non-faculty members in the institute premises continued this year as well. Recruitment of

faculty members for 204 posts on regular basis was conducted in a phased manner. The recruitment of Tutors/Clinical Instructors for the Nursing College on regular basis was also conducted. Besides this, recruitment of other non-faculty staff of Group A, B and C on regular, deputation, contractual and outsourced basis was conducted during the year. Senior Residents are considered to be the backbone of any hospital for delivering health care services to the patients. Recruitment of Senior Residents and Junior Residents was done at regular intervals. The process of recruiting Senior Nursing officers (Staff Nurse Gr-I - 75 posts) and Nursing officers (Staff Nurse Gr-II - 400 posts) on regular basis was also initiated.

Super-specialty departments of Neurology, Neurosurgery, Cardiology and Cardiothoracic and Vascular Surgery 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 400, has added a number of patient centric services like MRI (3T), DSA, OPG,

Mammography, Integrated Counseling and Testing Centre Unit (ICTC) among other services.

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.

Hostel for Resident Doctors was made functional in August 2017. The labour of the past 5 years is now bearing fruit with the hospital building nearing completion. C/C1 and D/D1 Blocks of the hospital 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 Academic Block and Administrative Block for the Institute, which shall commence in the near future.

It was not just all work at the Institute during the past year. Students of AIIMS Raipur organized ORIANA 2017, a colorful inter-college cultural event in October 2017. Students from colleges across India participated in large numbers and this event received accolades from all over.

The Institute received the Letter of Commendation and a cash prize of Rs. Fifty Lakhs under the 'Kayakalp Scheme' among the Central Government Hospitals for the year 2017-2018(2nd year in a row) under Ministry of Health and Family Welfare, Government of India.

All these achievements would not have been possible without the support of MoHFW, Gol 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, research, healthcare delivery and healthcare innovation, living up to its name of being an Institute of National Importance. We remain committed to make AIIMS Raipur a temple of learning and an epitome of service to the nation.

Prof. (Dr.) Nitin M. Nagarkar
Director and CEO
All India Institute of Medical Sciences,
Raipur-Chhattisgarh

INSTITUTE BODY

S. No.	Name of Members	Designation
1	Shri Jagat Prakash Nadda Hon'ble Union Minister Ministry of Health & Family Welfare, Government of India, New Delhi	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	Dr. Bhushan Lal Jangde Hon'ble Member of Parliament, Rajya Sabha	Member
5	Secretary Ministry of Health and Family Welfare, Government of India, New Delhi	Member
6	Director General Health Services Ministry of Health & Family Welfare, Government of India, New Delhi	Member
7	Special Secretary & Financial Adviser Ministry of Health & Family Welfare, Government of India, New Delhi	Member
8	Ms. K. Sujatha Rao Former Secretary, Ministry of Health and Family Welfare, Government of India, Hyderabad	Member
9	Chief Secretary Government of Chhattisgarh	Member
10	Prof. G.B. Gupta Vice Chancellor Pt. Deendayal Upadhyay Memorial Health Sciences and AYUSH University of Chhattisgarh, Raipur, Chhattisgarh	Member
11	Prof. T.S. Ravikumar Director cum Vice Chancellor, Sri Venkateswara Institute of Medical Sciences, Tirupati	Member
12	Prof. Bhaskar Ramamurthi Director, Indian Institute of Technology, Madras.	Member

S. No.	Name of Members	Designation
13	Prof. B. S. Sahay Former Director, Indian Institute of Management, Raipur	Member
14	Prof. Vinod Paul Member NITI Aayog Government of India	Member
15	Prof. V. Ravi Professor, Department of Neurovirology, National Institute of Mental Health and Neurosciences (NIMHANS), Bengaluru	Member
16	Dr. A. K. Chandrakar Director of Medical Education, Government of Chhattisgarh.	Member
17	Prof. (Dr.) Nitin M. Nagarkar Director, All India Institute of Medical Sciences, Raipur	Member Secretary

GOVERNING BODY

S. No.	Name of Members	Designation
1	Shri Jagat Prakash Nadda Hon'ble Union Minister Ministry of Health & Family Welfare, Government of India, New Delhi	Chairman
2	Shri Ramesh Bais Hon'ble Member of Parliament, Lok Sabha	Member
3	Dr. Bhushan Lal Jangde Hon'ble Member of Parliament, Rajya Sabha	Member
4	Secretary Ministry of Health and Family Welfare, Government of India, New Delhi	Member
5	Director General Health Services Ministry of Health & Family Welfare, Government of India, New Delhi	Member
6	Special Secretary & Financial Adviser Ministry of Health & Family Welfare, Government of Chhattisgarh	Member
7	Chief Secretary Government of Chhattisgarh	Member
8	Prof. T.S. Ravikumar Director cum Vice Chancellor, Sri Venkateswara Institute of Medical Sciences, Tirupati	Member
9	Prof. B. S. Sahay Advisor to Chancellor & Distinguished Professor, SVKM's Narsee Monjee Institute of Management Studies, Mumbai.	Member
10	Prof. (Dr.) Nitin M. Nagarkar Director, All India Institute of Medical Sciences, Raipur	Member Secretary

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	Director General Health Services Ministry of Health & Family Welfare, Government of India, New Delhi	Member
4	Special Secretary & Financial Adviser Ministry of Health & Family Welfare, Government of Chhattisgarh	Member
5	Chief Secretary Government of Chhattisgarh	Member
6	Prof. 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 Aayog Government of India	Member
2	Dr. Bhushan Lal Jangde Hon'ble Member of Parliament, Rajya Sabha	Member
3	Prof. Bhaskar Ramamurthi Director, Indian Institute of Technology, Madras.	Member
4	Prof. G.B. Gupta Vice Chancellor Pt. Deendayal Upadhyay Memorial Health Sciences and AYUSH University of Chhattisgarh, Raipur, Chhattisgarh	Member
5	Prof. V. Ravi Professor, Department of Neurovirology, National Institute of Mental Health and Neurosciences (NIMHANS), Bengaluru	Member
6	Prof. B.S. Sahay Former 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

Dr S.P. Dhaneria
Dean (Academics)
Professor & Head
Department of Pharmacology

Dr Krishnadutt Chavali
Sub Dean(Academics)
Professor & Head,
Dept. of Forensic Medicine
& Toxicology

Shri Milind Mujumdar
Assistant Controller,
Examination

The Academic cum Examination Section was set up in April 2013 with Dr. S P Dhaneria as Controller of Examinations and Dr Krishnadutt Chavali as the Assistant Controller of Examinations.

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.

Initially MBBS and B.Sc. (Hons) Nursing courses were being run and now postgraduate courses of MD, MS have been started from July 2017 onwards in 22 specialities. Till January 2018 session total 34 students have joined in different postgraduate courses at AIIMS Raipur. The Academic Committee of AIIMS Raipur has approved 2 seats in Psychiatry Nursing for M.Sc. Nursing Course and this course will be started from the July 2018 Session onwards.

The first batch of MBBS students was admitted in September 2012 with an intake of 50 students. Subsequently, the intake capacity was enhanced to 100 every year from 2013 onwards.

Students of the MBBS 2012 batch have successfully completed their 1 year compulsory rotational internship in December 2017 and awarded MBBS degree from the institute. Students of this batch have obtained admission in postgraduate courses in premier medical institutes of the country and other state medical colleges.

The second batch of MBBS students was admitted in August 2013. These students are undergoing 1 year compulsory rotational internship from January 2018.

Students admitted for MBBS course in 2014 (third batch) at AIIMS, Raipur will be appearing for their 3rd Professional examination in December 2018.

Students of MBBS 2015 (fourth batch) of AIIMS, Raipur have cleared their 2nd Professional examination in December 2017 and are currently studying in MBBS 3rd Professional year.

The fifth batch of MBBS students took admission in July 2016, and are due to appear for their 2nd Professional examination in December 2018.

Students of the sixth batch admitted for MBBS course in 2017 at AIIMS, Raipur will be appearing for their 1st Professional examination in July 2018.

The first batch of students for B.Sc. (Hons) Nursing course with annual intake of 60 students was admitted in August 2013 and these students of the first batch have cleared their 4th year final examination in July 2017. These students have been offered one year contractual employment in AIIMS Raipur.

Subsequently 60 students per year have taken admission in B.Sc. (Hons.) Nursing course in 2014 (second batch), 2015 (third batch), 2016 (third batch) and 2017 (fourth batch) at AIIMS, Raipur and these students are due to appear for their 4th year, 3rd year and 2nd year and 1st year final examination respectively.

Regular Weekly Academic Meeting is held for faculty members and senior residents for the purpose of dissemination of knowledge and sharing of views.

WEEKLY ACADEMIC MEETINGS HELD IN 2017-18



Date	Speaker	Department	Topic
21.04.2017	Dr. Tripty Naik	Paediatrics	Pediatric Hypertension: An Epidemic in Waiting
21.07.2017	Dr. Vinita Singh	Obs. & Gynae.	Turning The Pyramid of Antenatal Care
04.08.2017	Dr. Preetam N. Wasnik	General Medicine	Zinc Therapy in Sickle Cell Disease
11.08.2017	Dr. Ankur K. Shrivastava	Ophthalmology	Lasers in Ophthalmology
17.08.2017	Dr. Rupa Mehta	ENT	Mycobacterial Cervical Lymphadenitis - Solving the maze
08.09.2017	Dr. Sandeep Roy, Deputy Commandant Medical	Ministry of Home Affairs Medical Services Govt. of India District - Rajnandgaon	High Altitude Diseases
15.09.2017	Dr. Sankalp Sharma	Transfusion Medicine and Blood Bank	Therapeutic Apheresis an overview and Therapeutic Phlebotomy guidelines
06.10.2017	Dr. Praveen Kumar Neema	Anaesthesiology	Preanaesthetic evaluation: Predictors of perioperative adverse events
13.10.2017	Dr. Sucharita Mandal	Psychiatry	Delirium
25.10.2017	Dr. A.K. Gupta, Medical Superintendent cum Professor & Head, Hospital Administration, PGIMER Chandigarh	Hospital Administration, PGIMER, Chandigarh	Challenges and Innovation in Hospital Administration

Date	Speaker	Department	Topic
08.11.2017	1. Dr. Narendra Bodhey. 2. Dr. Naveen Kumar. 3. Dr. Saroj Kumar.	Radiodiagnosis	1. Brief review and Interventional Radiology Perspective 2. CT hypo perfusion complex in blunt abdominal trauma patients 3. Approach to Honeycombing of Lung: Radiology perspective
10.11.2017	Dr. Siddharth Nanda	Radiotherapy	Radiotherapy in Early Prostate Cancer
14.12.2017	Dr. Sribatsa Kumar Mohapatra, Professor, MS, FRCS, VSS Medical College, Burla		Autologous bone marrow cell therapy to prevent flap complications following mentioned radical mastectomy for carcinoma breast
02.02.2018	Dr. Rubik Ray	General Surgery	Surgical site Infections
09.02.2018	1. Dr. Harshal S. Sakale 2. Dr. Avinash Kumar 3. Dr. Alok C. Agrawal	Orthopaedics	1. Ilizarov: Final word in Orthopaedic Trauma 2. Thoraco- lumbar trauma: An overview. 3. Recurrence in Giant-cell tumor : Our experience
16.02.2018	1. Dr. Santosh Rao 2. Dr. Yogesh Janghel (SR) 3. Dr. Sameer Pandey (SR)	Dentistry	Dentistry : Beyond the Tooth
09.03.2018	Dr. Satyaki Ganguly	Dermatology	Answer for an ulcer: easy to diagnose, difficult to manage

CMEs, Conferences held at AIIMS Raipur

S. No.	Date	Department	Workshop/CME
1	07.04.2017 & 08.04.2017	ENT & Anatomy	Cadaveric - Hands on Workshop
2	28.06.2017	Community and Family Medicine	Basic Methods in Biostatistics
3	07.07.2017	Physiology	Basic Neurophysiological Techniques CME - 2017
4	17.03.2018 & 18.03.2018	Paediatrics	Pediatric Emergency Medicine Conference PEMCON - 2018

PERFORMANCE OF STUDENTS IN EXAMINATION



REPORT OF THE STUDENTS APPEARED IN THE EXAMINATION OF MBBS AND NURSING COURSES

Jul-17				
Name of Exam	No. of Students Appeared	No. of Students passed	No. of Students failed	Percentage
Nursing 1st Year	57	50	7	87.71%
Nursing 2nd Year	57	54	3	94.73%
Nursing 3rd Year	59	55	4	93.22%
Nursing 4th Year	58	52	6	89.65%
MBBS 1st Prof	103	89	14	86.40%

Dec-17				
Name of Exam	No. of Students Appeared	No. of Students passed	No. of Students failed	Percentage
MBBS 2nd Prof	98	88	10	89.79%
MBBS 3rd Prof	101	81	20	80.19%

ADMINISTRATION

Shri Neeresh Sharma
Deputy Director (Administration)

Shri Ramawatar Patel
Senior Administrative Officer

Shri Sushil Chandra Sonber
Stores Officer (Central Stores)

The General Administration, including Personnel and Establishment, Security, Estate, matters related to Engineering Services Department, Stores and Public Relations activities of the Institute are controlled and supervised by the Dy. 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 Centres/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	103
2	'A'	930	238
3	'B'	2228	528
4	'C'	626	290
	Total	4089	1159

FOR THE YEAR 2017-18:

HINDI CELL:	
Letters Received	Letters Disposed of
978	978

RTI CELL:	
Letters Received	Letters Disposed of
292	292

PG PORTAL:	
Letters Received	Letters Disposed of
60	60

VIP REFERENCE:	
Letters Received	Letters Disposed of
15	15

SEXUAL HARASSMENT COMPLAINTS:	
Letters Received	Letters Disposed of
0	N.A.

HINDI CELL

President, Vibhagiya Rajbhasha Karyanvayan Samiti Prof.(Dr.) Nitin M. Nagarkar
Head and Nodal Officer Shri Neeresh Sharma Deputy Director (Administration)
Rajbhasha Adhikari & Senior Administrative Officer Shri Ramawatar Patel
Nodal Officers & Member Shri Syed Arshad Alvi Accounts Officer Shri Amit Kumar Banjare Office Assistant

Compiled Report of work done under Hindi Cell for Financial Year 2017-18

1. AIIMS, Raipur has organized quarterly meeting of Vibhagiya Rajbhasha Karyanvayan Samiti on 23rd May 2017, 29th September 2017, 19th December 2017 and 31st March 2018. In the said meetings, Director, AIIMS, Raipur cum President Vibhagiya Rajbhasha Karyanvayan Samiti directed all the members to strictly follow all the instructions issued from time to time by Rajbhasha Aayog Ministry of Home, Govt. of India.
2. Quarterly Hindi Workshop has been organized on 27-06-2017, 26-09-2017, 19-12-2017 and 31-03-2018.
3. Shri Amit Kumar Banjare, D/o Administration attended one day workshop on 24-04-2017 at Ministry of Health and Family Welfare, New Delhi.
4. Hindi fortnight has been organized from 14-09-2017 to 27-09-2018 on the occasion of Hindi Diwas on 14th September 2017. During the fortnight various events such as English to Hindi translation, essay competition, speech competition, précis competition and Quiz competition were organized. Faculty members, staff and students participated in the various competitions with much enthusiasm. The prizes were awarded to the winners during the Hindi Pakhwada in AIIMS, Raipur.

Hindi Cell is ensuring that the various mandatory provisions under the Official Language Act are followed at AIIMS Raipur. Various activities in this directions have been taken as under :-

1. The website of AIIMS Raipur has been done Bilingual.
2. All the notice boards have been done bilingual in the premises of Medical College buildings as well as hospital building.
3. About 10 types of Bilingual Standard forms/proforma are being used by officers/faculty members and employees of AIIMS Raipur.
4. Bilingual questions have been given in the all competitive exams of AIIMS, Raipur. Recruitment and other advertisements are also published in Bilingual nature.
5. Quotation in Hindi and words of the day are being written daily on the white/black board in crowded areas of AIIMS Raipur premises.
6. Bilingual Name plates and seal for Officers and Faculty members of AIIMS, Raipur have been provided.



President, Vibhagiya Rajbhasha Karyanvayan Samiti and Director AIIMS Raipur has inaugurated Hindi fortnight and speech to officers, faculty members, employees as well as students.

Director and President, Vibhagiya Rajbhasha Karyanvayan Samiti, AIIMS Raipur has distributed prizes to winners of Hindi fortnight.



FINANCE & ACCOUNTS

Shri Ravindra Pattar IA&AS
Financial Advisor
(till 30-11-2017)

Shri H. G .S. Dhakad I.P.&T.A.F.S.
Financial Advisor
(w.e.f. 01-12-2017)

Shri S. K. Nema
Accounts Officer

Shri M. P. Dubey
Accounts Officer & DDO

Shri S. A. Alvi
Accounts Officer

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 & Family Welfare (MoHFW). Each branch is headed by an Accounts 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 & 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) / Controller of Certifying Authorities (CCA).
- To prepare pay bill of employees & other necessary records as per the provision 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

Shri Gangaram Prajapati Superintending Engineer
Shri Ashish Agrawal Executive Engineer(Civil) (Relieved on 11-08-2017)
Shri Nirbhay Singh Rajput Executive Engineer(Electrical) (Relieved on 19-04-2017)

All India Institute of Medical Sciences (AIIMS) Raipur has been 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.

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

BRIEF OF ALL PACKAGES (as on 31.03 2018)						
S. NO.	NAME OF PACKAGE	TENDERED AMOUNT	TOTAL WORK DONE VALUE	LIKELY COMPLETION COST INCLUDING ESCALATION & VARIATIONS	PHYSICAL PROGRESS **	TARGET DATE FOR COMPLETION
	CONTRACTOR	(IN CRORE)	(IN CRORE)	(IN CRORE)	(IN %)	
1	PACKAGE – I M/S PUNJ LLOYD LTD.	115.21	120.72	124.13	99.85	30.06.2018
2	PACKAGE- II B. L. KASHYAP & SONS LTD.	262.40	278.40	296.67	95.13	30.06.2018
3	PACKAGE-III M/S AHLUWALIA CONTRACTS (INDIA) LTD.	41.20*	35.76	38.60	94.69	30.06.2018
4	PACKAGE - IV B. L. KASHYAP & SONS LTD.	63.33	47.92	65.77	74.00	30.06.2018
TOTAL		482.14	482.80	525.17		

(*) Including O&M cost of Rs. 5.34 Cr. (**) Including O&M cost of 0.67 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. 75.21 Crore, which is for the work done in Package I, II, III & IV. Financial progress increased by 53% in comparison to the previous year (i.e. 48.51 Crore)
- During this period the areas / buildings, which have been made ready to use are listed below:
 - 1) Hospital Block A&A1 : Lower Ground, Ground Floor, Second Floor, Third Floor, Fourth Floor
 - 2) Connecting Hospital Block A1 – B
 - 3) Hospital Block – B & B1 : (Lower Ground Floor, Ground Floor, First Floor, Second Floor, Third Floor)
 - 4) Cath Lab in Hospital Block “C”
 - 5) Hospital Blocks “D” & “D1” are near completion and may be handed over soon.
 - 6) Resident s' Hostel
 - 7) Nurses' Hostel: (Ground & First Floor)

All the above facilities include services i.e. roads, drains, water supply, power supply, etc.

Conduction of Empowered Review Committee

All proposals / documents related to Variation, Deviation and Substitute & Extra Items were submitted before ERC. Proposal of 79 items of Rs. 22.56 Crore (Approximate) were sanctioned in the Financial Year 2017-18 by ERC and all the pending cases were cleared to improve the progress of construction work.

Arbitration Cases & Court Case

The Arbitration case of Package I, M/s Punj Lloyd was settled and an amount of Rs. 49 Lakh only was awarded by the Arbitrator against the claims of Rs. 2,171 Lakh. Award has been accepted by the Ministry and paid by AIIMS Raipur.

PACKAGE – I

MEDICAL COLLEGE & HOSTEL COMPLEX AT AIIMS RAIPUR

Contractor	:	M/s Punj Llyod Ltd.
Contract Amount	:	Rs. 115.21 Crore
Date of Commencement	:	30 th May 2010
Scheduled Date of Completion	:	29 th Aug 2011
Expected Date of Completion	:	30.06.2018
Progress	:	92.09 (in %)

PROGRESS SUMMARY: PACKAGE- I (As on 31.03.2018)

S. NO.	BUILDING	AREA	Cost	Remarks
		In Sqm	in Crore	
1	Medical College	25416	40.65	In Use
2	Nurses Student Hostel	5914	9.45	In Use
3	Boys Hostel	6408	10.25	In Use
4	Nursing College	4300	6.87	Handed over
5	Girls Hostel	3161	5.05	In Use
6	Resident Hostel including Recreation Hall	6094	9.75	In Use
7	PG & Interns Hostel	8392	13.42	Building under progress
8	Nurses Hostel	7920	12.66	Handed over
9	Auditorium	2854	6.60	Building under progress
10	Electric Sub Station (Sub-6)	163	0.26	Under Progress
11	Animal house	150	0.25	Under progress

PACKAGE - I



Auditorium



PG Intern Hostel

Buildings	Handed Over Buildings	Buildings under Progress
Medical College, Nursing College, Hostels(06 Nos.), Auditorium	Medical & Nursing College, Hostels (05 Nos.)	PG Intern Hostel and Auditorium

PACKAGE – II

HOSPITAL COMPLEX AT AIIMS RAIPUR

Contractor	:	M/s B L Kashyap & Sons Ltd.
Contract Amount	:	Rs. 262.40 Crores
Date of Commencement	:	11 th Sep 2010
Date of Completion	:	10 th Sep 2012
Expected Date of Completion	:	30.06.2018
Progress	:	77.32 (in %)

PROGRESS SUMMARY: PACKAGE- II (As on 31.03. 2018)

S. NO.	BUILDING	AREA	Cost as per Contract (in Cr.)	Likely Completion Cost (Rs. Cr.)	Remarks
		In Sqm			
1	Hospital Building	86970	184.83	189.91	Finishing , Services Work, Electrical, HVAC
2	Trauma Centre	7207	15.10	15.10	Completed
3	Ayush & PMR	7761	16.50	16.50	Completed
4	Boiler	58	0.07	0.07	Completed
5	Bio Medical Waste Plant	457	0.55	0.55	Completed
6	AC Plant	804	0.96	0.96	Completed
7	Office Maintenance	210	0.18	0.18	Completed
8	Car Ambulance Garage	434	0.34	0.34	Completed
9	Work Shop	962	1.15	1.15	Completed
10	Incinerator	113	0.14	0.14	Completed
11	Laundry	733	0.88	0.88	Completed
12	LPG Store	36	0.04	0.04	Rolling Shutter
13	MRS & Sub Stn - 1	1353	1.62	1.62	Completed
14	Electric Substation - 2	223	0.27	0.27	Completed
15	Medical Gas Plant	243.15	0.27	0.27	Completed
16	HVAC & BMS		39.50	41.50	Partially Completed
	<i>Material lying at Site</i>				
	<i>Escalation Amount</i>			24.19	
	Total	107564.2	262.40	293.67	

PACKAGE – II



A Panoramic View of Hospital Blocks



A & A1 Block



B & B1 Block



Buildings	Handed Over Buildings	Buildings under Progress
Trauma, AYUSH & PMR, Hospital Blocks (08 Nos.), Service Buildings	Trauma, AYUSH & PMR, Hospital Blocks (04 Nos), Service Buildings	Hospital Blocks (04 Nos.)

PACKAGE – III

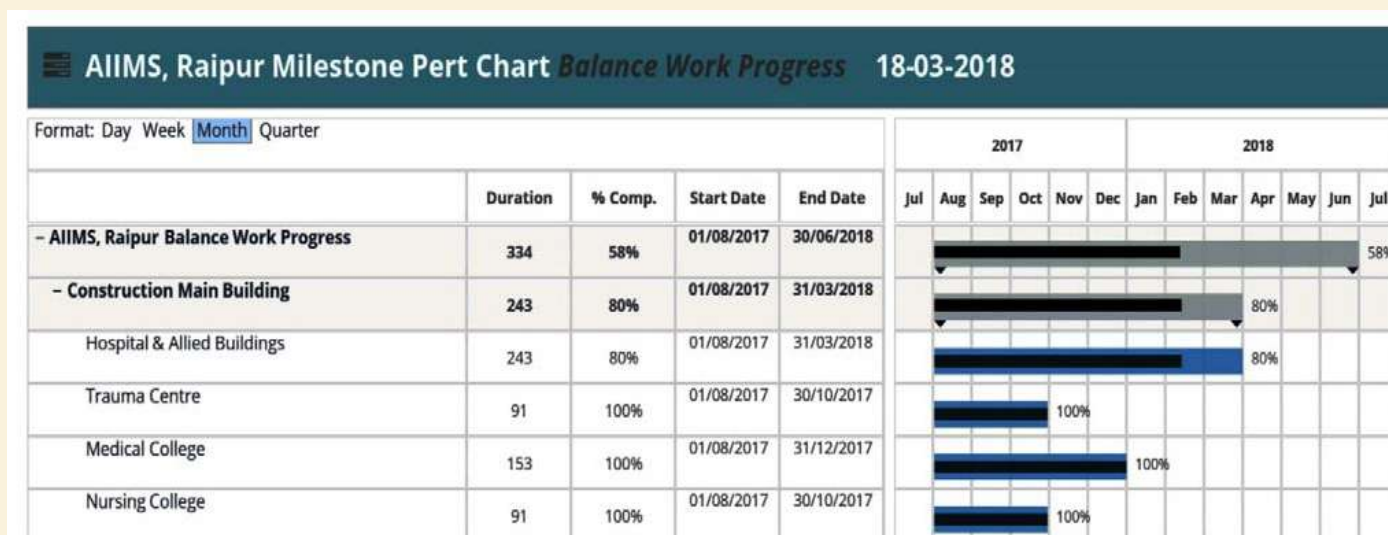
ELECTRICAL SERVICES AT AIIMS RAIPUR

Contractor	: M/s Ahluwalia Contracts (India) Ltd.
Contract Amount	: Rs. 41.20 Crore*
SITC	: Rs. 35.86 Crore
O & M	: Rs. 5.34 Crore
Start Date	: 19 th Aug 2011
Completion Date	: 18 th Dec 2012
Expected Date of Completion	: 30.06.2018
Physical Progress	: 94.69 (in %) (Project Progress Only)
Payment made	: 35.76 Cr.

PACKAGE – IV

ESTATE SERVICES AT AIIMS RAIPUR

Contractor	: M/s B.L. Kashyap & Sons Ltd.
Contract Amount	: Rs. 63.33 Crore
Start Date	: 02 nd Feb 2012
Completion Date	: 01 st Feb 2013
Expected Date of Completion	: 30.06.2018
Physical Progress	: 74.00 (in %)



SANCTIONED NEW WORK

S. No.	Sanctioned New works (Not in the scope of DPR)		Total Expenditure till March 2018 Rs. (In Cr.)	Balance Available Rs. (In Cr.)
	Civil		New works	New works
1	TPQC & QA	1.70+GST	0.80 (40% of Agreed Amount on Signing)	0.9
2	Sports Complex	10.56	0.00	10.56
3	Administrative Block	99.96	19.96 (10% Advance Amount)	179.91
4	Academic Block	99.91		

FUTURE PLANS

S.No	Plan	Approved cost (Rs.)
1.	School of Public Health (SPH) at Naya Raipur	100 Cr
2.	Centre of Excellence for Cardiac care, Neurosciences, Nephrology	100 Cr
3.	Housing Project (Phase – II)	100 Cr

HOSPITAL

<p>Dr. Praveen Kumar Neema In-Charge Medical Superintendent & HOD Anesthesiology (till 02-08-2017)</p>
<p>Dr. Ajay Dani Medical Superintendent (From 02-08-2017)</p>
<p>Dr. Nitinkumar Borkar Deputy Medical Superintendent & Associate Professor, Paediatric Surgery</p>
<p>Dr. Shreemanta Kumar Dash Deputy Medical Superintendent & Associate Professor, Forensic Medicine and Toxicology</p>
<p>Shri Vishwanadham Sitaramu Administrative Officer (Hospital)</p>
<p>Shri Rishi Gupta Stores Officer (Hospital Stores)</p>

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 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-2018, 2,56,356 patients attended various OPD services of the institute.

SPECIAL CLINICS

Special Clinics are running on specified days between 2.30 PM to 04.30 PM. Total of 7540 patients availed the special clinic services during this period ending by 31st March 2018.

S.No.	Special Clinic Name	Run by Department	Weekly Schedule
1	Cranio-Maxillofacial	Dentistry	Thursday
	Surgery		
2	Diet Clinic	Dietary	Monday to Friday
3	Vertigo	ENT	Wednesday
4	Rhinology		Thursday
5	Hypertension	General Medicine	Monday
6	Diabetes		Wednesday
7	Rheumatology		Friday
8	Geriatric		Friday
9	Sickle Cell		Thursday
10	Adolescent	Obstetrics and Gynaecology	Wednesday
11	Menopause		Tuesday
12	Glaucoma	Ophthalmology	Monday
13	Diabetic Retinopathy		Tuesday & Thursday
14	Club foot	Orthopaedics	Tuesday
15	Asthma	Paediatrics	Monday
16	Headache		Wednesday
17	Neurodevelopment		Friday
18	Sickle Cell		Thursday
19	Opioid Dependence	Psychiatry	Wednesday & Thursday
20	Asthma & Allergic	Pulmonary Medicine	Tuesday
21	Breast Cancer	General Surgery	Wednesday

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 400 beds are functional as of now. The beds are used by the patients of all OPD departments running at AIIMS Raipur. 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.

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

BED ALLOCATION DATA

Department	A		A		A1		A		A1		Trauma					AYUSH		Total	
	1 st Floor	North	South	North	South	North	South	North	South	Trauma	F-Ward	M-Ward	HDU	Post.Op	SICU	2 nd Floor	3 rd Floor		
		2 nd Floor				3 rd Floor				1 st	2 nd	3 rd	1 st	4 th	2 nd				
	Department-wise allotted beds																		
1	Casualty									2				8	7			17	
2	Cardiology		4	4						2			1					11	
3	R. Oncology				4	2										6		12	
4	CTVS							2	2		2							6	
5	Dental							4	4		1	1						10	
6	Dermatology				4	2												06	
7	ENT							10	10		5	4						29	
8	Gen. Sx					15	15				5	5						40	
9	Medicine		20	2							4	4	3					51	
10	Nephro									2	2	2						06	
11	OBG	12				14					6							32	
12	Orthopedics						10	10			4	4						28	
13	Ophthalmology																7	07	
14	Ped. Surgery							4	4	5								13	
15	Pediatrics															15		15	
16	Pediatrics(NICU)															10		10	
17	Pediatrics(PICU)															10		10	
18	Plastic Sx							6										06	
19	Psychiatry															13		13	
20	Pul. Med				10	4				2								16	
21	Radiology		2	2														04	
22	Trauma & EMR.									10								10	
23	EHS			2	2		2	2	2	2	2	2						16	
24	MS					2		2	2		1	2	1					10	
25	Isolation	10																10	
26	Neurology	10								2								12	
Total allotted beds		32	26	2	20	22	29	27	30	24	25	32	24	5	8	7	54	7	400

DATA OF THE INVESTIGATIONS:

TOTAL HOSPITAL STATISTICS FINANCIAL YEAR 1/4/2017 TO 31/3/2018

01	Total No. of Out Patients attendance	2,56,356
02	Total No. of New Cases	78,302
03	Total No. of Old Cases	1,78,054
04	Daily Average No. of Out Pt. attendance	883
05	Total No. of Out Pt. attendance in Casualties	7,210
06	Daily Average No. of Out Pt. attendance in casualties	25
07	Total No. of Admissions	8,053
08	Total No. of Discharges	7,897
09	Daily Average No. of occupied In Pt. attendance	160-180
10	Daily Average Bed Occupancy Rate	40-50 %
11	Total No. of Deliveries conducted	349
12	No. of Live Births	348
13	No. of Still Births	01
14	Total No. of Deliveries FTND	225
15	Total No. of Deliveries LSCS	124
16	X-Ray(Including OPD & IPD)	23,734
17	USG(Including OPD & IPD)	4,492
18	CT Scan(Including OPD & IPD)	2,122
19	MRI(Including OPD & IPD)	456
20	Total No. of Investigations(Including OPD & IPD)	1,44,549
21	No. of Investigations in Bio chemistry(Including OPD & IPD)	57,771
22	No. of Investigations in Microbiology(Including OPD & IPD)	22,093
23	No. of Investigations in Pathology(Including OPD & IPD)	64,685
24	Total No. of Operations performed	4,516
25	No. of Major Surgeries	2,369
26	No. of Minor Surgeries	1,946
27	No. of Emergency Surgeries	201
28	Total No. of Death	133

29	No. of Death below 48 Hours	54
30	No. of Death above 48 Hours	79
31	Gross Death Rate	1.68 %
32	Net Death Rate	1.001 %
33	No. of MLC cases registered (In side)	180
34	No. of MLC cases referred from (Out side)	125
35	No. of Autopsies	30
36	No. of Insurance claims	18
37	Files Issued Re-Admission Patients	265
38	RNTCP Patients	967
39	ICTC Patients	67

FACILITIES AVAILABLE IN THE HOSPITAL

Started in this financial year :

- Intensive Care Unit from 1st may 2017,
- Neurosurgery OPD 4th September 2017
- Angiocardiography from 9th September 2017,
- MRI from 28th September 2017
- ICTC Unit from 15th November 2017,
- Nuclear Medicine OPD from 8th February 2018.

LAND MARK ACHIEVEMENTS

- AIIMS Raipur received commendation & a cash prize of Rs. 50 lacs in the “Kayakalp Scheme” for the first time on 15th February 2017 and Second time the same prize received on 19th April 2018, launched by Ministry of Health & Family Welfare, Govt. of India, New Delhi
- This financial year 10 hand hygiene training was conducted by Hospital Infection Control Committee in AIIMS Raipur.
- A-A1 - Block main hospital building Inaugurated on 1st May 2017.
- Department of Cardiology is inaugurated on 17th January 2018 at B1- Ground floor main Hospital building.
- Faculty rooms inaugurated on 23rd May 2017 at A Block main hospital building.
- Swachhata Abhiyan : Special Swachhata drive programme observed from 25th September to 2nd October 2017,
- From 01st April 2017 to 31st March 2018 the

following first time major surgeries performed.

- First time 16 (Sixteen) Surgical Procedure has been done during this financial years i.e. 01-04-2017 to 31-03-2018 in AIIMS Raipur.

ONGOING PROJECTS

- Bunker of Radiotherapy unit is about to finish for installation and the linear accelerator.
- Expansion of Medical gas pipeline system (MGPS) is under progress from 300 to 960 beds.
- More than 24 Operation Theatres are in the process of installation.
- Liquid gas plant installation is under process.
- Many other types of equipment for various departments are in the process of procurement through M/s HLL Life-Care Ltd, Noida and through tenders floated at the AIIMS Raipur level.
- 24 hours medical record service will be provided.
- Digitalisation of Medical Records
- Electronic motorised compactors (mobile racks system)

DRUG STORE

A round the clock Amrit Pharmacy along with another pharmacy store is available within the hospital premises, which offers majority of the available generic drugs at discounted rate to the patients with valid doctor's prescription.

TELEMEDICINE OPD

Telemedicine OPD services were started in collaboration with CRPF in April 2013 and with BSF in July 2014. The institute continues to provide these services on every Monday and Thursday. This service specifically caters to the population of remote and inaccessible areas of Chhattisgarh, especially LWE (Left Wing Extremists) affected areas. During review period 62 patients have been benefited of this service.

ICTC SERVICES

Started in November 2017 at present total no. of 65 patients are under treatment with ICTC.

COLLEGE OF NURSING

Assistant Professor

Dr. Binu Mathew
Mrs. J. Jeayareka

Nursing Tutor / Clinical Instructor

Mr. Rakesh Sharma
Mrs. Chetna Sahu
Mrs. Chandramani Sahu
Mr. Rajendar Singh
Mrs. Suman
Mrs. Chitrekhya Sippy

HIGHLIGHTS

Name of Faculty Member: Dr. Binu Mathew

- Four (4) Batches of B.Sc.(Hons) Nursing running successfully under guidance of Dean Academics.
- Conducted Skill Test from 22-03-2018 to 28-03-2018 for recruitment of Nursing Officer (Staff Nurse Grade-II) on direct recruitment basis at AIIMS, Raipur
- Planning and organizing innovative methods of teaching, panel discussion, symposium, OSCE (Objective Structured Clinical Evaluation), Debate, Quiz competition demonstration and Seminars.
- Team member in Swachhata Pakhawada Programme-2018.

Name of Faculty Member : Mrs. J. Jeayareka

- Invited guest speaker and presented on concept map for the National nursing conference at AIIMS, Jodhpur -2018
- Member of Hospital Management committee, Anti ragging committee, Anti Ragging squad committee, sexual harassment prevention committee, Hospital related acquired infection prevention committee, purchases committee for the College of Nursing, student magazine committee and hospital transfusion committee.
- Faculty In charge –Hostel for nursing student's hostel.

- Pursuing PhD in Nursing.
- Principal investigator of two research projects.

Name of Faculty Member : Mr. Rajendar Singh

- Coordinator and Assessor of Swachhata Pakhawada Programme-2018.

Name of Faculty Member : Dr. Rakesh Sharma

- Conducted Skill Test from 22-03-2018 to 28-03-2018 for recruitment of Nursing Officer (Staff Nurse Grade-II) on direct recruitment basis at AIIMS, Raipur

Name of Faculty Member : Mrs. Chitrekhya Sippy

- Member of Magazine Committee (Hindi Editor) Oriana 2017, AIIMS Raipur

EDUCATION

Name of Faculty Member : Dr. Binu Mathew

- Organized Innovative teaching strategies like panel discussion, field visits, Symposium, Objective Structured Clinical examination and Debate, demonstration and Seminars etc.
- Guiding – student projects and mentorship Research guide for the two groups of the B.Sc.(Hons) nursing 4th year

CMEs/Workshops/Symposia/National and International Conferences

S. No.	Name of Participant	Name of the event	Date	City
1	Mr. Rajendar Singh	Participated in MEDICAL CAMP on Asthma Day-2018.	07 th May 2017	AIIMS, Raipur

Lectures delivered at CMEs, National and International Conferences

S. No.	Name	Title of talk	Name of the CME/conference	Date	Venue	City
1	Mrs. J. Jeayareka	Concept mapping	National Nursing Conference-2018	18.1.2018-20.1.2018	College of Nursing, AIIMS, Jodhpur	Jodhpur

List of oral papers/posters presented

S. No.	Authors	Title of Presentation	Name of the conference	Date	Venue	City
1	Rakesh Sharma , Deepak Goel, Renu Dhasmana, Malini Srivastava	Autonomic response and quality of life of nurses working in critical vs. non-critical units.	5 th International Conference – NURTUV-ISTSA– 2017 on “Reform, Revitalize, Rekindle Nursing”	20 April, 2017	Mother Theresa Post Graduate and Research Institute of Health Sciences (A Govt. of Puducherry Institution) College of Nursing	Puducherry
2	Singh Rajendar	Ultrasound Guided Peripheral IV Cannulation	National Nursing Conference on “Transforming Nursing Through Innovations in Education, Practice & Research” .	19 th Jan 2018	AIIMS Jodhpur	Jodhpur

RESEARCH

Funded projects

S. No.	Title of the Project	Name of Principal Investigator	Funded by (Name of 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
2	An exploratory study to assess the incidence of phlebitis and its contributing factors among adult patients in AIIMS Hospital at Raipur (C.G.)	Dr. Rakesh Sharma	Self	6 months	Jan. 2018 to July 2018	NA

Departmental Projects (Including Thesis/Dissertations)

Investigators Name	Title of the Project
Dr. Binu Mathew	A Quasi experimental study to assess the effectiveness of planned Teaching program on knowledge regarding Breast self-Examination among school going students (16 – 18 years) at selected schools in Raipur.
	A Descriptive Study to assess the Quality of life of patients (25-55 years) undergoing cancer treatment at AIIMS, Raipur.
Mrs. J. Jeayareka	A Quasi Experimental study to assess the effectiveness of stress management techniques on perceived burden among significant caretakers of patients with schizophrenia in AIIMS, Raipur.
	A Quasi Experimental Study to assess the effectiveness of Guided reflection' on the level of stress among caretakers of children diagnosed with chronic illness in pediatric unit AIIMS, Raipur.
	Effectiveness of virtual reality therapy on anxiety and symptom distress with chemotherapy among children with cancer.
Dr. Rakesh Sharma	An exploratory study to assess the incidence of phlebitis and its contributing factors among adult patients at AIIMS hospital in Raipur, Chhattisgarh
	A Quasi Experimental study to assess the effectiveness of education programme on knowledge of selected sexually transmitted disease (STDs) and AIDS. Among students at AIIMS, Raipur, Chhattisgarh

Mrs. Chandramani Sahu	A descriptive study to assess the stigma associated with mental illness among the people attending various OPDs at AIIMS Raipur.
	A Study to assess the prevalence of obesity among College Student (18-25) and this level in experience of obesity.
Mr. Rajendar singh	A Quasi experimental Study to assess the effectiveness of structured teaching programme regarding the knowledge on the prevention of worm infestation among adolescent school children at selected schools in Raipur.
	An exploratory study to assess the non-compliance and its influencing factors among adult clients receiving tuberculosis treatment at RNTCP centre of AIIMS, Raipur.
Mrs. Chitrekha Sippy	A descriptive study to assess self Esteem and academic stress among under graduate students of selected colleges in Raipur (C.G)
	Pre-experimental study to assess the effectiveness of educational programme on knowledge regarding oral rehydration therapy among mothers (18-25 yrs) of under 5 years children at selected rural area of Raipur, Chhattisgarh.

Completed :

S.No.	Name	Title of the Project
1.	Mrs. J. Jeayareka	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
2.		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:

Name	Title of the Project	Collaborating department/institution
Mrs. J. Jeayareka	Effectiveness of virtual reality therapy on anxiety and symptom distress with chemotherapy among children with cancer.	Research department/ Saveetha university, Thandalam, Chennai.

PUBLICATIONS

1. **Mrs. J. Jeayareka**, “comparison of the level of depression of elderly residing with the family and in the old age home” ,International journal of current and innovation research,2018;vol:3, p.n 532-534(OPEN ACCESS).
2. **Dr. Rakesh Sharma**
 - a) Jelly P, **Sharma R.** Objective Structured Clinical Examination (OSCE) Vs. Traditional Examination Method (TEM) in Clinical Care Competency of Nursing Students. Iran J Nurse Midwifery Res 2017;22(1): 78-80.
 - b) Pal R, Singh GM, **Sharma R.** Eating habits and selected psycho-physical parameters among adolescent girls in a selected educational institute of Uttarakhand. International Journal of Psychiatric Nursing 2017;3(1): 19-25.
 - c) **Sharma R** and Prasuna J. BEHCET'S SYNDROME: A Case Report Review. International Journal of Practical Nursing, Jan-April, 2017;5(1):59-64.

PATIENT CARE

Dr. Binu Mathew:

- Organization of Health Talk, Role Plays for Patients and their relatives.
- Organised counselling sessions for patients, relatives, students and staffs.
- Community Field Work- Planning and Supervision of Home Visits, School Visits, Anganwadi visit, Organizing Role Plays, Health Talk, Procedure Demonstrations, Health Check ups, Survey etc.
- Training and In-service education of Staff Nurses. Supervision and evaluation of students.

Mrs. J. Jeayareka:

- Supervising and directing the Nursing care of students through clinical teachings, care study and clinical presentations of the students.
- Organized Health education at individual, family and community levels for client teaching.

Chandramani Sahu:Mr. Rajendar Singh : Mrs. Suman:Mrs. Chitrekha Sippy :

- Educating staff nurses regarding evidence-based nursing practices in their day to day patient care.

AWARDS, HONOURS AND SIGNIFICANT EVENTS

1. **Dr. Binu Mathew :**

- Member of Medical Education Unit, Library Committee, Mess committee, Extra Curricular, Raj Bhasa Committee for AIIMS RAIPUR.
- Life member of TNAI, Indian Society of Psychiatric Nurses, Nursing Research Society of India.
- Participating in content validity for M. Sc (Nursing) students for their M.Sc (N) Dissertations.
- Editorial board member in International Journal of Nursing Care, Journal of Nurse Midwifery & Maternal Health and Global Journal of Nursing and Forensic Studies(open access journal).

2. **Mrs. J. Jeayareka:**

- Undergone a “scholars awareness programme ” at MATSUniversity, Raipur(30.11.2017)
- Participated in the special swachhta drive (15/09/17 to 2/10/2017) at AIIMS, Raipur.
- Life member of Trained nurses association of India, Indian society of psychiatric nurses, and Nursing research society of India.

3 **Mr. Rajendar Singh :**

Received Appreciation certificatefor Kaya-Kalp from Director, AIIMS Raipur.

ANAESTHESIOLOGY

Professor and Head Dr. Praveen Kumar Neema
Additional Professor Dr. Subrata Kumar Singha
Associate Professors Dr. Monica Khetarpal Dr. Rashmi Dubey (w.e.f. 21/07/2017)
Assistant Professors Dr. Mayank Kumar Dr. Sarita Ramchandani Dr. Habib Md R. Karim (w.e.f. 27/09/2017) Dr. Chinmaya Kumar Panda (w.e.f. 26/09/2017) Dr. Mamta (w.e.f. 01/09/2017)

HIGHLIGHTS

The department of anaesthesiology is providing routine anesthesia and analgesia services in the three major operation theaters for performing routine surgical procedures of various departments including general surgery, orthopaedics, ENT, dental surgery, obstetrics and gynaecology, and super specialty departments cardiothoracic surgery, neurosurgery, plastic surgery, and paediatric surgery. Additionally, the department provides anaesthesia services to patients admitted to trauma ward and high dependency unit and to the patients undergoing CT and MR imaging and needing sedation/anaesthesia.

The department provides respiratory and hemodynamic support as well as intensive monitoring and management of surgical patients admitted to critical care unit. The department screens patients scheduled for surgery in pre anesthesia clinic. The department is also conducting basic life support and advance cardiac life support training for students and staffs.

The department is running post graduate MD anaesthesiology program.

The department conducted Indian Society of Anaesthesiologists Conference – Chhattisgarh Chapter 2017 (ISACONCG 2017) in the month of September 2017. The conference also included two Pre-conference workshops (Difficult airway workshop which included hands-on training on Video Laryngoscope, Fiber optic bronchoscope (FOB), percutaneous tracheostomy (PCT) and Ultrasound guided peripheral nerve blocks). The faculties of the department have taken part in different regional and national conferences. In addition to departmental responsibilities, the head of the department is also looking after installation and commissioning of 24 modular operation theaters, gas plant room, liquid medical oxygen plant, and medical gas pipeline system in various designated areas of the hospital.

EDUCATION

The department is involved in teaching of undergraduate students (MBBS), interns, postgraduate students and Senior Residents. Teaching schedule includes seminars, didactic lectures, case presentation, journal club and emergency care.

Training/ CME/ Workshop / Conference Held / Attend:**Name of Faculty Member :** Dr Praveen Kumar Neema

S. No.	Title of talk	Name of the CME/conference	Date	Venue	City
1.	Pre-anaesthetic evaluation: predictors of adverse events	14th ISACONCG-2017 Raipur	07th-8th Oct 2017	AIIMS Raipur	Raipur
2.	Low flow anaesthesia	ISA East-Zone PG Assembly 2017	16th to 17th Oct 2017	AIIMS Bhubaneswar	Bhubaneswar
3.	Pre-anaesthetic assessment	ISA East-Zone PG Assembly 2017	16th to 17th Oct 2017	AIIMS Bhubaneswar	Bhubaneswar
4.	Low-flow anaesthesia system Convention Centre	ISACON 2017	25th Nov to 29th Nov 17	Biswa Bangla	Kolkata
5.	The literature highlights for cardiothoracic and vascular anesthesia for 2017	IACTACON 2018	1st to 4th Feb 2018	Marriot Hotel & Convention Center	Hyderabad
6.	Low flow anaesthesia	2nd Central Zone (ISA) PG Assembly	14th to 18th Feb 2018	Dr RML Hospital	Lucknow

Name of Faculty Member: Dr. Subrata Kumar Singha

S. No.	Title of Talk	Name of the CME/conference	Date	Venue	City
1.	Difficult Spine: Anesthesiologist's view	Faculty at a CME on Spine & Spinal Cord	16 th March 2017	Govt Medical College	Jabalpur
2.	Coming off CPB: The Magic drug	ISACON	22 nd -24 th Sept 2017	JIPMER	Puducherry
3.	Difficult airway workshop (chief co-ordinator)	14th ISACONCG-2017 Raipur	07 th -8 th Oct 2017	AIIMS Raipur	Raipur
4.	How to measure objectively: Mitral Stenosis	Annual Society of Tran esophageal Echocardiography workshop	22 nd – 24 th Feb 2018	PGIMER	Chandigarh

Name of Faculty Member: Dr. Monica Khetarpal

S. No.	Title of Talk	Name of the CME/conference	Date	Venue	City
1.	Supraglottic airway	ISACONCG 2017	07 th -8 th Oct 2017	AIIMS	Raipur

Name of Faculty Member: Dr. Mayank Kumar

S. No.	Title of Talk	Name of the CME/conference	Date	Venue	City
1.	USG guided Internal jugular venous catheterization: unusual position and unusual circumstances	ISACON 2017	25-29 th Nov.2017	Biswa bangle convention centre	Kolkata

Name of Faculty Member: Dr. Sarita Ramchandani

S. No.	Title of Talk	Name of the CME/conference	Date	Venue	City
1.	Labor Analgesia	Inter-departmental Seminar	29 th Aug. 2017	Dept of OBGY	AIIMS, Raipur

List of oral papers/ posters presented

S. No.	Authors	Title of presentation	Name of the conference	Date	Venue	City
1.	Singha S, Kumar M, P. K. Neema	Comparison of isobaric levo-buivacaine and levo-buivacaine with dexmedetomidine in caudal analgesia for infraumbilical surgeries	IARS	6 th May 2017	USA	Washington, DC
2.	Kumar M, Sinha M, Mistry T, Singha S	Ultrasound-guided continuous paravertebral block in management of Askin's tumor in an elderly patient	ISACON CG 2017	7 th – 8 th Oct. 2017	AIIMS, Raipur	Raipur

RESEARCH

Departmental Projects (Including Thesis/Dissertations)

Ongoing Projects

S. No.	Title of the projects
1.	Comparative study between dexmedetomidine and dexamethasone adjuvant to levo-bupivacaine in ultrasound guided supraclavicular brachial plexus block scheduled for upper limb surgery.
2.	Comparison of morphine and dexmedetomidine as adjuvants to isobaric levo-bupivacaine for spinal anaesthesia in patients undergoing abdominal hysterectomy.
3.	Comparison of Proseal LMA™ and Ambu® Auragain™ LMA in patients undergoing laparoscopic Cholecystectomy.
4.	Patient survey on quality of anaesthesia care at a tertiary care centre.
5.	A randomized controlled double blind clinical study to assess the effect of tranexamic acid on blood loss in head and neck cancer surgery.
6.	The relationship of perfusion index with post SAB, sensory block regression in parturient undergoing LSCS: a pilot study.

PUBLICATION

1. A Kumar, PK Neema: Severe pulmonary hypertension and right ventricular failure. *Indian journal of anaesthesia* 61 (9), 753
2. Mistry T, Singha SK, Sinha M, Kumar M. Ultrasound-guided continuous paravertebral block in management of Askin's tumor in an elderly patient. *Indian Anaesth Forum* 2018; 19:37-8.
3. Uppal N, Kumar M. Painless palatal local anesthetic injection: A low-cost, effective technique. *Saudi journal of anaesthesia*. 2018;12(1): 151-152.
4. Kumar M, Uppal N. Medical emergencies: Quick-release mechanism. *Br Dent J* 2017;223(7):464
5. Reazaul Karim HM, Sahoo SK, Prakash A, Rajaram N, Kumar S, Narayan A. Abnormal routine preoperative test results and their perioperative anesthetic impact in patients aged 60 years and more: An observational study. *Indian Anaesth Forum* 2018;19:6-10.
6. Karim HM. Practice and reasons for routine pre-operative investigations among anaesthesiologists and surgeons: An online survey. *Indian J Anaesth* 2017;61(11):933-935.
7. Prakash A, Yadav A, Karim HM, Narayan A, Aman K. Effect of educational level and previous anaesthesia exposure on knowledge and perception about anaesthesia and anaesthesiologist: a questionnaire based observational study. *Indian J Clin Anaesth* 2018;5:17-24.
8. Borah TJ, Yunus M, Karim HM, Sailo L, Dey S. Efficacy of airway assessment variables as predictors of difficult intubation among northeastern population in India: a hospital based prospective study. *Indian J Anesth Analg* 2018;5:289-293.
9. Yadav A, Karim HM, Prakash A, Jena P, Aman K. Correlation of different parity and school education with acceptance of labor analgesia among antenatal women: A questionnaire based study. *Saudi J Anaesth* 2018;12:287 - 291.
10. Karim HM, Yunus M. Airway Management in Maxillofacial Injuries: Identifying Clinical Determinants requiring Non-Conventional Strategies. *Astrocyte* 2017;4:169-73.
11. Karim HM, Prakash A, Sahoo SK, Narayan A, Vijayan V. Abnormal routine pre-operative test results and their impact on anaesthetic management: An observational study. *Indian J Anaesth* 2018;62:23 -28.
12. Kumar S, Karim HM, Narayan A, Chaudhary K. Intraoral Finger Stabilization of Proseal LMA for Adequate Rescue in cannot Ventilate, cannot Intubate and cannot be Tracheostomized Situation. *ARC J Anesthesiol* 2017;2(2):1-4. doi:10.20431/2455-9792.0202001
13. Borah TJ, Dey S, Yunus M, Chanu SM, Karim HM, Bhattacharyya P. Compliance of Hand Hygiene in the Operation Theatre in a Tertiary Care Hospital: An Observational Study. *Ann Int Med Dent Res* 2017;3(suppl 1):62-65. doi:10.21276/aimdr.2017.3.S1.16
14. Karim HMR, Rajaram N. Hypereosinophilia and intraoperative complications under general anesthesia in surgical patients aged 12 years or more: an observation. *J Anesth Surg* 2017; 4(2):82-85.
15. Karim HM, Yunus M, Barman A, Kakati SD, Dey S. Adjustable horseshoe head rest as a positioning adjunct in airway management for a giant occipital encephalocele. *The Open Anesthesiology Journal* 2017;11(1):83-87.
16. Karim HM, Narayan A, Yunus M, Kumar S, Prakash A, Sahoo SK. An observational study on

patient admission in anaesthesia gas monitor and minimum alveolar concentration monitoring: A deficit with huge impact. Indian J Anaesth 2017;61(7):570–574.

17. Karim HM, Yunus M, Bhattacharyya P. A retrospective study of endotracheal or tracheostomy tube blockage and their impact on the patients in an intensive care unit. J Mahatma Gandhi Inst Med Sci 2017; 22(1):12-17.
18. Dey S, Karim HM, Yunus M, Barman A, Bhattacharyya P, Borthakur MP. Relationship of on admission hypocalcemia with illness severity as measured by APACHE-II and SOFA score in intensive care patients. J ClinDiagn Res 2017; 11(3):UC01 – 03.
19. Prakash A, Yadav A, Karim HM, Sahoo SK, Jena P, Aman K. Knowledge, awareness and

acceptance of labor analgesia among antenatal women in a remote island: a questionnaire based study. Br J Med Med Res 2017;21(10):1-7. Article No. BJMMR 33980

AWARDS, HONOURS AND SIGNIFICANT EVENTS

Name of Faculty Member: Dr Praveen Kumar Neema

1. President ISA Chhattisgarh State
2. Associate Vice-President Indian Association of Cardiovascular and thoracic Anaesthesiologists

Name of Faculty Member: Dr.Sarita Ramchandani

1. AHA certified ACLS Instructor – July 2017
EPEC Trainer – Feb.2018.

ANATOMY

Additional Professor & Head
Dr. Dhanesh Kumar Sharma

Additional Professor
Dr. K. Vijay Kumar

Associate Professors
Dr. Soumitra Trivedi
Dr. Mrithunjay Rathore
Dr. A. U. Siddiqui
Dr. Manisha B Sinha

HIGHLIGHTS

- Organised 'Body-Donation Honor and Oath by 1st Year Students' program on 24 October 2017 with relatives of Body-Donors, pledgers of Body-Donation & general public by honouring the graceful act of body donation and taking oath by students for respectful handling of cadavers ethically & morally. This program is scheduled once in every year for last 5 years.
- 'Chart and Model competition/Exhibition by 1st Year Students' on 17th April 2017. The program graced by the Dean, Professors and faculties of the Institute and highly appreciated by all.
- Research Activities resulting into 5 publications in National/International Journals, 7 Oral/Lecture presentations in Conferences/CMEs and 17 Projects (11 ongoing and 6 completed).

Lectures Delivered At CMES, National And International Conferences.

Name of Faculty Member : Dr Dhanesh Sharma

S. No.	Title of talk	Name of the CME/conference	Date	Venue	City
1	Body Donation	'Body-Donation Honor and Oath by 1st Year Students'	24.10. 2017	AIIMS	Raipur

Name of Faculty Member: Dr Mrithunjay Rathore

S. No.	Title of talk	Name of the CME/conference	Date	Venue	City
1.	"Functional anatomy of Yoga"	SocietyState level Yoga teacher training workshop	19.11.2017	Jagadapur	Jagadapur
2.	"Anatomical perspective of Asana"	65 th National Conference of Anatomical society of India	03.12.2017	Pt J.N Medical College	Raipur
3.	"Functional anatomy of Yoga"	SocietyState level Yoga teacher training workshop	08.12.2017	Hotel Pullman , Aerocity	New Delhi

List of Oral Papers/Posters Presented

S.No.	Authors	Title of presentation	Name of the conference	Date	Venue	City
1.1	Dr Manisha B Sinha	Yq micro-deletion test plays an important role in male infertility” in of India at	65th National conference of Anatomical society	30th Nov 17	Pt JNM Medical College	Raipur
2.2	Rathore M	“Neuroanatomical aspect of meditation and its clinical relevance”	65th National Conference of Anatomical society of India	3rd Dec. 17	Pt J.N. Medical College	Raipur
3.3	Dr Manisha B Sinha	Simple and rapid test to determine Sperm DNA fragmentation: sperm chromatin dispersion test	7th National conference of the Society of Clinical Anatomist	3rd Feb 18	AIIMS	Bhopal

RESEARCH

Funded projects

Ongoing

S.No.	Title of the project	Name of Principal Investigator	Funded by (Name of funding agency)	Duration (years)	Start year– End year	Total funds sanctioned (Rs)
1	Testing of microdeletions of genes on Y chromosome in male partner infertility	Dr Manisha B Sinha	CGCOST	3 years	2018	5 lakh
2	Study of Sperm DNA fragmentation by sperm chromatin dispersion test in semen of male partner of infertile couple	Dr Manisha B Sinha	AIIMS, Raipur	1 year	2017	5lakh

Departmental projects

Ongoing

S.No.	Title of the project
1.	Adult Stem Cells in comparison to Embryonic Stem Cells
2.	Face and neck development of the embryo
3.	Human Bone cleaning in Anatomy
4.	A Study on the Effect of an Innovative Neuroanatomy Teaching Method
5.	Myoelectric activity of Core and lower Limb Muscle in different Posture: Understanding the process
6.	Differential modulation of cardiac autonomic rhythm during different body posture
7	Triangular Fibrocartilage complex of human wrist joints

**Collaborative projects
Ongoing**

S. No.	Title of the project	Collaborating department/institution
1.	Impact of selected Yoga postures on core muscle in degenerative disk disease without neurological deficit	Department of Orthopaedics and Physiology
2.	“Therapeutic efficacy of Yoga on Biochemical profile, Anxiety, and sleep Quality index of asthmatics: RCT	Department of Pulmonary Medicine

Completed

S. No.	Title of the project	Collaborating department/institution
1.	Differential modulation of cardiac autonomic rhythm during different body posture” - Under Completion	Department of Physiology

PUBLICATIONS

- Sharma DK.** Sex differences and other correlations of Human Corpus callosum: A review. National Journal of clinical Anatomy (NJCA). October 2017;6(4):297-302.
- Sharma DK.** Yoga and Meditation: Integral Correlation is a bit of mystery. International Journal of Yoga Philosophy, Psychology and Parapsychology (IJoY-PPP) July-December 2017;5(2):42-47.
- Siddiqui AU,** Satapathy BC, Gill SS. Morphometry relevant to Anterior Petrosectomy with special reference to Kawase's Triangle. Nat J Clin Anat. 2017 ; 6(3): 280-285
- Siddiqui AU,** Satapathy BC, Siddiqui AT, Gill SS. Anatomical Insight into the Muscle Petropharyngeus-a Supernumerary Muscle of the Posterior Pharyngeal Wall. Anat Physiol 2017, 7:S6
- Rathore M,** Trivedi S, Abraham J, Sinha MB. Anatomical Correlation of core muscle in Different Yogic postures- Review article. Int J Yoga. 2017;10(2):55-56

List of Chapters In Books

S. No.	Author(s)	Name of book	Edition publication	City of	Publisher publication	Year of	First-Last page
1	V. K. Konuri	Konuri’s Approach to Human Neuroanatomy	2	Hyderabad	Pace setters	2018	

List of Edited Books and Monographs

S. No.	Author(s)	Name of book	Edition publication	City of	Publisher publication	Year of	First-Last page
1	Dr. D. K. Sharma Dr. A. U. Siddiqui	Manual of Microscopic Human Anatomy	4th	Raipur	Department of Anatomy AIIMS Raipur	2017	Complete
	Dr. Soumitra Trivedi Dr. Mrithunjay Rathore Dr. Manisha B Sinha Dr. B. C. Satapathy						
2	Dr. D. K. Sharma Dr. A. U. Siddiqui Dr. Soumitra Trivedi Dr. Mrithunjay Rathore Dr. Manisha B Sinha Dr. B. C. Satapathy	Manual of Illustrative Gross Human Anatomy & Embryology	4th	Raipur	Department of Anatomy AIIMS Raipur	2017	Complete
3	Dr. D. K. Sharma Dr. A. U. Siddiqui Dr. Soumitra Trivedi Dr. Mrithunjay Rathore Dr. Manisha B Sinha Dr. B. C. Satapathy	Manual/Record Book of Anatomy For B.Sc. Nursing 1st Year	4th	Raipur	Department of Anatomy AIIMS Raipur	2017	Complete

PATIENT CARE

Name of Faculty Member : Dr. Mrithunjay Rathore

- Work on National service as Officer In charge of “Sarv Shiksha Abhiyan” with the aim of teaching wards of construction workers.
- ÷ Work on National “Swachhta Drive” as Nodal Officer at AIIMS Raipur 2017.
- ÷ Conducting the Camp on “Therapeutic aspect of Yoga program for Diabetic” on the occasion of world diabetes day 14th November 2017 at Bilaspur.

Name of Faculty Member : Dr. Manisha B Sinha

- ÷ Training in 16th ICMR course on Medical Genetics and genetic counselling 24th July to 5th Aug 2017
- ÷ Lecture on the topic 'Micro teaching in MEDICAL EDUCATION UNIT' at AIIMS, Raipur
- ÷ Observership in medical genetics unit at SGPGI, Lucknow for two months (28th Feb-27th April 2018)

AWARDS HONOURS AND SIGNIFICANT EVENTS

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

1. Chaired a Scientific session in Medical Education in '65th NATCON' National Conference of the Anatomical Society of India from 30th November to 3rd December 2017 held at Pt. J. N. M. Medical College Raipur CG India and participated in Pre Conference CME and Workshop too.
2. Organising Chairman and Speaker in 'Body-Donation Honor and Oath by 1st Year Student' program on 24.10.2017 held at AIIMS Raipur.
3. Invited as Editor for Journal of Human Anatomy

Name of Faculty Member : Dr. Soumitra Trivedi

1. Attended 65th National conference of Anatomical Society of India organised by Department of Anatomy. Pt. JNM Medical College, Raipur from 30th November to 3rd December 2017.
2. Attended 7th National conference of Society of Clinical Anatomists organized by AIIMS, Bhopal held on 3rd & 4th February 2018.

Name of Faculty Member : Dr. Manisha B Sinha

1. Chairperson in a session in annual conference of 'Anatomical Society of India' (ASI) on 30. 11.17
2. Chairperson in a session in a conference of Society of Clinical Anatomy (SOCA) at Bhopal on 03.02.18
3. Organizing faculty in annual conference of 'Anatomical Society of India' (ASI) on 30. 11.17-2.12.17 in Raipur
4. Member in Indian Society of Fertility, Indian Academy of Medical Genetics
5. Delivered lecture on Health and hygiene among pubertal girls on 08.09.17 in Higher Secondary School, Daldal Seoni, Raipur

Name of Faculty Member : Dr. Mrithunjay Rathore

1. Nominated for Prime Minister Award for outstanding contribution of promotion and development of yoga by Director of Patanjali Research Foundation Haridwar, Uttarakhand.
2. Course Director cum faculty for state Yoga Seminar on 21st June Organized by AIIMS Raipur.

EVENT PHOTOS



EVENT PHOTOS



AYURVEDA

Senior Medical Officer
Dr. G. Anita Gayatri

HIGHLIGHTS

The Department of Ayurveda under AYUSH was started on 1st September 2014 at the All India Institute of Medical Sciences, Raipur. OPD based services have been started initially and are planned to be expanded in

the future with availability of resources. During the period from 01st April 2017 to 31st March 2018, around 5357 patients have availed of the services of the department.

CMES/Workshops/Symposia/National And International Conferences

S. No.	Name of the Faculty Member	Name of the CME/conference	Date	Venue	City
1.	Dr. G. Anita Gayatri	National Seminar on Relevance of Medical Anthropology and Tribal Health Care Systems in the Globalizing World	16.3.18 to 18.3.18	School of Studies in Anthropology, Pt. Ravishankar Shukla University, Raipur.	Raipur

Lectures Delivered At CMES, National And International Conferences

S. No.	Title of talk	Name of the CME/conference	Date	Venue	City
1.	AYUSH as an alternative to Modern Medicine : Strengths & Limitations.	National Seminar on Relevance of Medical Anthropology and Tribal Health Care Systems in the Globalizing World	17.3.18	School of Studies in Anthropology, Pt. Ravishankar Shukla University, Raipur.	Raipur

PATIENT CARE

OPD services have been started from 01.09.2014. Even with the limited resources, the department has been able to provide the benefit of the Ayurvedic treatment to around 5357 patients at AIIMS Raipur during the period 01.04.2016 to 31.03.2017. Of these patients, around 1300 new patients have been registered. Ayurvedic medicines have been made available at Amrit Pharmacy from November 2016.

Encouraging results have been obtained especially in patients with a variety of ailments like osteoarthritis, rheumatoid arthritis, renal stones, benign prostatic hyperplasia, polycystic ovary disease, uterine fibroid, menstrual disorders, bronchial asthma,

bronchitis, obesity, fungal infections of the nails and skin, eczema, urticaria, piles, fissure etc. One case of vitiligo has been successfully treated with Ayurvedic medicine. Three cases of scalp Psoriasis have been successfully treated with no further recurrence and 2 cases of psoriasis are undergoing treatment with very good results. Ayurvedic treatment has been used as an adjuvant in many cases of diabetes mellitus, cardiac ailments, etc. with promising results. Few new cases of diabetes mellitus and hypertension have been managed with Ayurvedic treatment and lifestyle modification alone. Recently diagnosed cases of hypothyroidism are being treated with very good results. 2 cases of Gall stones have been treated successfully without the need of surgical intervention.

BIOCHEMISTRY

Professor & Head

Dr. Eli Mohapatra

Additional Professor

Dr. Rachita Nanda

Associate Professors

Dr. Suprava Patel

Dr. Jessy Abraham

Assistant Professor

Dr. Shweta Agarwal

(w.e.f. 08/08/2017)

Name of Faculty Member: Dr. Rachita Nanda

S. No.	Name of the CME/conference	Date	Venue	City
1.	CME on Research Methodology	1 st April 2017	AIIMS, Raipur	Raipur
2.	Workshop on How to practice Evidence Based Medicine Raipur in association with ICMR Advanced Centre for Evidence Based Child Health & PGIMR, Chandigarh	9 th & 10 th April 2017	by AIIMS, Raipur	Raipur
3.	Workshop on Basic Methods in Biostatistics	21 st June, 2017	AIIMS, Raipur	Raipur

List of oral papers/posters presented:

Name of Faculty Member: Dr. Eli Mohapatra

S. No.	Title of Presentation	Name of the conference	Date	Venue	City
1.	Surrogate markers of insulin resistance as a measure of Diabetes Mellitus risk assessment and sleep duration in non diabetic young adult	25 th Annual Conference of AMBI, Mysuru.	17 th to 19 th Nov, 2017	Mysuru, Karnataka	Mysuru.
2.	Pedagogy of New Age Learning	National CME on Teaching and Laboratory Methodologies in Medical Biochemistry	10 th Feb, 2018.	Shri Sankaracharya Institute of Medical Sci., Bhilai,	Durg
3.	A study of insulin resistance by HOMA-IR and McAuley index on sleep quality and sleep duration among healthy young adults	3 rd Annual Academic Session of college of Chemical Pathologist of Sri Lanka under IFCC and APFCB, Colombo	15 th to 17 th March, 2018	Colombo, Sri Lanka	Colombo, Sri Lanka

Name of Faculty Member: Dr. Rachita Nanda

S. No.	Title of Presentation	Name of the conference	Date	Venue	City
1.	Quality control in diagnostic labs	National Symposium on "Quality Management in Laboratory Investigations and Haemetological	25 th July, 2017	Pt. JNM Medical College, Raipur	Raipur
2.	Surrogate markers of insulin resistance as a measure of diabetes mellitus risk assessment and sleep duration in non diabetic young adults	25 th Annual Conference of AMBI, Mysuru	17 th to 19 th November, 2017	Mysuru, Karnataka	Mysuru
3.	A study of insulin resistance by HOMA-IR and McAuley index on the sleep quality and sleep duration among healthy young adults	3 rd Annual Academic Sessions of College of Chemical Pathologists of Sri Lanka under IFCC and APFCB, Colombo	15 th to 17 th March, 2018	Colombo, Sri Lanka	Colombo, Sri Lanka

RESEARCH

Funded projects

Ongoing

Name of faculty member: Prof. (Dr.) Eli Mohapatra

S. No.	Title of Presentation	Name of Principal Investigator	Funded by (Name of Funding agency)	Duration (years)	Start year End Year	Total funds sanctioned (Rs.)
1.	Role of serum GGT and serum Ferritin in Metabolic syndrome. (Waiting for intramural sanction)	Dr. Eli Mohapatra	AIIMS, Raipur	01 year	2018-2019	1,33,024/- (One lakhs thirty three thousand twenty four rupees only)
2.	Prevalence of congenital hypothyroidism and G-6PD deficiency in newborns – pilot study in a tertiary hospital in Chhattisgarh	PI- Dr. Suprava Patel, Co-Inve.- Prof. (Dr.) Eli Mohapatra	AIIMS, Raipur	03 years	2016 - 2019	Rs.5,00,000/- (Five lakhs rupees only)
3.	Estimation of plasma interleukin-33 level in sickle cell disease patients with hip osteonecrosis.	PI-Dr. Alok C. Agrawal Co-Investigator- Dr. Eli Mohapatra	AIIMS, Raipur	01 year	2018 - 2019	Rs.5,00,000/- (Five lakhs rupees only)
4.	Association of Apolipoprotein A1 polymorphism (G-75A and C+83T) in patients with diabetic foot ulcers.	PI-Dr. Rachita Nanda, Co-Investigator- Dr. Eli Mohapatra	AIIMS, Raipur	01 year	2018 - 2019	Rs.5,00,000/- (Five lakhs rupees only)

5.	Establishment of reference intervals for thyroid hormones in the first trimester of pregnancy – a hospital based study	PI-Dr. Rachita Nanda, Co-Investigator- Dr. Eli Mohapatra	CGCoST	02 years	2017 - 2019	Rs.5,00,000/- (Five lakhs rupees only)
6.	The immunohistochemical biomarker BCL2 expression in malignant and premalignant lesion of uterine cervix and their	PI-Dr. Prashanta Kumar Nayak Co-Investigator- Dr. Eli Mohapatra	AIIMS, Raipur	01 year	2018 - 2019	Rs.5,00,000/- (Five lakhs rupees only)

Name of faculty member: Dr. Rachita Nanda

S. No.	Title of Presentation	Name of Principal Investigator	Funded by (Name of Funding agency)	Duration (years)	Start year End Year	Total funds sanctioned (Rs.)
1.	Establishment of reference intervals for thyroid hormones in the first trimester of pregnancy – a hospital based study	Dr. Rachita Nanda	CGCoST	02 years	2017-2019	Rs.5,00,000/- (Five lakhs rupees only)
2.	Prevalence of congenital hypothyroidism and G-6PD deficiency in newborns – pilot study in a tertiary hospital in Chhattisgarh	P. Investigator- Dr. Suprava Patel, Co-Investigator- Dr. Rachita Nanda	AIIMS, Raipur	03 years	2016 - 2019	Rs.5,00,000/- (Five lakhs rupees only)
3.	Estimation of plasma interleukin-33 level in sickle cell disease patients with hip osteonecrosis.	Co-Investigator- Dr. Rachita Nanda	AIIMS, Raipur	01 year	2018 - 2019	Rs.5,00,000/- (Five lakhs rupees only)

Name of faculty member: Dr. Suprava Patel

S. No.	Title of Presentation	Name of Principal Investigator	Funded by (Name of 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	AIIMS, Raipur	3 years	2016 - 2019	Rs.5,00,000/- (Five lakhs rupees only)
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	Rs.5,00,000/- (Five lakhs rupees only)

Name of faculty member: Dr. Jessy Abraham

S. No.	Title of Presentation	Name of Principal Investigator	Funded by (Name of 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	1 years	2018 - 2019	Rs.5,00,000/- (Five lakhs rupees only)

Completed

Name of faculty member: Dr. Rachita Nanda, Additional Professor

S. No.	Title of Presentation	Name of Principal Investigator	Funded by (Name of Funding agency)	Duration (years)	Start year End Year	Total funds sanctioned (Rs.)
1.	Study of sleep patterns in apparently healthy medical students and its effect on glycemic status	Dr. Rachita Nanda	Non Funded	1 years	2017 - 2018	Non Funded

Collaborative projects

Ongoing

Name of faculty member: Dr. Eli Mohapatra.

S. No.	Title of Presentation	Collaborating department/institution
1.	A Co-Supervisor for Ph D student of Pt Ravi Shankar Shukla University, Raipur on Drug designing for anti cancer drug/anti sickling drug.	Pt. Ravi Shankar Shukla University, Raipur, Chhattisgarh.

Name of faculty member: Dr. Suprava Patel

S. No.	Title of Presentation	Collaborating department/institution
1.	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.
2.	Testing of microdeletion of genes on Y chromosome in male partner of infertility cases	Department of Anatomy, AIIMS, Raipur

PUBLICATIONS

1. **Patel S, Nanda R, Mohapatra E.** Prevalence of metabolic syndrome and its association with various risk factors. *Int J rec Sci Res* 2017, Mar, v o l 8 (3) : p p . 1 6 2 5 6 - 16260. doi:10.24327/ijrsr.2017.0803.0113.
2. **Nanda R, Patel S,** Sahoo S, Kashyap N, Borkar N, **Mohapatra E.** Can high density lipoprotein (HDL) serve as a marker of recovery time in cellulitis. . *Int J Rec Sci Res* 2017, Jun, v o l 8 (6) : p p . 1 7 4 2 9 - 1 7 4 3 3 . doi:10.24327/ijrsr.2017.0806.0352.
3. Sahoo S, **Patel S,** Ganguly A, **Nanda R, Mohapatra E.** Thyroid dysfunctions and renal status: implications in hyponatremia. *Asian J Med Sci*, Jul-Aug 2017;vol-8(4):10pp. doi:10.3126/ajms.v8i4.17279.
4. **Patel S, Nanda R,** Sahoo S, **Mohapatra E.** Congruity in quality indicators and laboratory performance. *Ind J Clin Biochem*, Aug 2017:pp 1-7. doi 10.1007/s12291-017-0687-9.
5. **Patel S, Nanda R,** Abraham J, Sahoo S, Ganguly A, **Mohapatra E.** Prediabetes and undiagnosed diabetes mellitus: the hidden danger. *Indian J Med Biochem* 2017; 21(2):91-95. DOI: 10.21767/2386-5180.1000195.
6. **Nanda R,** Patel S, Sahoo S, **Mohapatra E.** Review of pre-analytical errors in oral glucose tolerance testing in a tertiary care hospital. *J Nepal Health Res Counc*, 2018 Jan-Mar;16(38):6-10.
7. **Patel S, Nanda R,** Sahoo S, **Mohapatra E.** Congruity in quality indicators and laboratory performance. *Ind J Clin Biochem*. Aug2017;1-7. DOI 10.1007/s12291-017-0687-9.
8. Dhuppar P, **Patel S,** Maski R, Bhattar A. Anemia prevalence in adolescent school going girls. *Int J Rec Sci Res* 2017, Apr, vol8(4):pp.16364-16366. doi:10.24327/ijrsr.2017.0804.00137.
9. **Patel S** and Dhuppar P. Nutritional anemia status in adolescent girls in rural schools of Raipur, India. *Med. Chem* 2017, 7:853-856 doi:10.4172/2161-0444.1000441.
10. **Patel S,** Dhupar P, Bhattar A (2017) Diagnostic Accuracy of Mean Corpuscular Volume in Delineating Vitamin B12 Deficiency. *Ann Clin Lab Res* Vol.5:No.3:195. DOI: 10.21767/2386-5180.1000195.
11. Rathore M, **Abraham J.** Implication of Asana, Pranayama and Meditation on Telomere Stability. *International Journal of Yoga*.2018.
12. **Abraham J,** Singh S, Joshi S. Liquid biopsy-emergence of a new era in personalized cancer care. *Applied cancer research*. Vol-30. P(4-21).2018.
13. Patel S, Nanda R, **Abraham J,** Sahoo S, Ganguly A, Mohapatra E. Prediabetes and Undiagnosed diabetes Mellitus: The Hidden Danger. *Indian Journal of Medical Biochemistry*.Vol-21(2).P(91-95).2017.
14. Rathore M, Trivedi S, **Abraham J,** Sinha MB. Anatomical Correlation of Core Muscle Activation in Different Yogic Postures. *International Journal of Yoga*.2017

PATIENT CARE

1. Clinical Biochemistry section, HLL, AIIMS, Raipur –
Total Number of Samples=57,771, Total Number of Tests=2,99,295.
2. Service lab, Biochemistry –
Total Number of Samples=12,108, Total Number of Tests=41,535.

AWARDS, HONOURS AND SIGNIFICANT EVENTS

Name of faculty member: Dr. Rachita Nanda

1. Course faculty for State Level Yoga Seminar at AIIMS, Raipur, Date: 21st June, 2017
2. Resource faculty of hands on workshop on quality control and NABL accreditation, at Pt. JNM Medical College, Raipur. Date: 26th July to 1st August, 2017
3. Chairperson at the 5th AMBI Chhattisgarh State Chapter, Bhilai on National CME on Teaching and Laboratory Methodologies in Medical Biochemistry. Date: 10th February, 2018.

Name of faculty member: Dr. Suprava Patel

Successfully completed certified course of Quality Management Systems and Internal Audit in Medical Labs as per ISO 15189-2012 in December 2017.

BURNS AND PLASTIC SURGERY

Assistant Professor
Dr. Jiten Kumar Mishra
(w.e.f. 20/11/2017)

HIGHLIGHTS

Started the Burn & Plastic Surgery OPD as single faculty; at present 20-25 patients on average attending the OPD. Patients being operated in the Major O.T and minor O.T regularly. The Dept. has undertaken Head & neck Oncore construction with E.N.T Department, Orthoplastic reconstruction with orthopedic dept. operated referral cases from General Surgery Dept., Skin & V.D Department, Pediatric Surgery Dept. Apart from this the Dept. has undertaken correction of Burn deformity, Cleft

operations, Brachial plexus surgery, Gynaecomastia surgery, congenital finger, toe and hand anomaly correction, Surgical management of pressure sores. Hand and Tendon injury management. Two unusual and rare cases being operated within this short span the photograph of which is attached with this format. (case-1-A rare case of central polydactyl of Foot; case-2-A rare case of congenital band over the extensor aspect of hand and forearm causing snapping of the wrist)

Lectures delivered at CMEs, National and International conferences

S. No	Title of talk	Name of the CME/	Date	Venue	City
1.	Different modalities of reconstruction of post electric burn scalp defect	Annual CME of Association of Plastic, Reconstructive, Aesthetic Surgeons Of Odisha	7th Jan 2018	Aswini Hospital	Cuttack

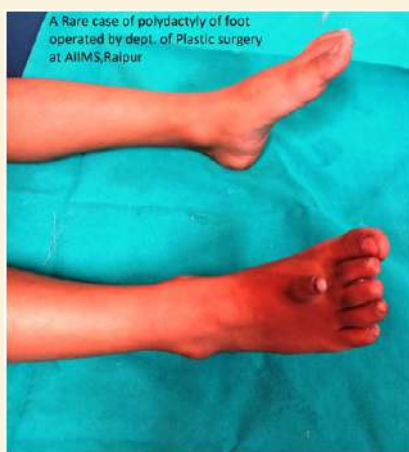
PATIENT CARE

Facility available in the Department in brief are burn deformity correction, Congenital hand and foot anomaly correction, Cleft lip and palate surgery, Reconstructive surgery including oncoplastic reconstruction,

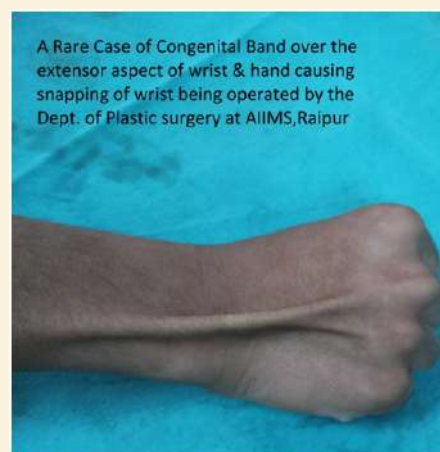
orthoplastic reconstruction, gynaecomastia surgery, Brachial plexus surgery, micro vascular surgery, Tendon transfer surgery ,extremity injury surgery, Operative management of Cutaneous malignancy.



A Case of Carcinoma Lip reconstructed with Radial Forearm Free flap by Department of Plastic Surgery after onco resection by E.N.T Dept.



A Rare case of polydactyly of foot operated by dept. of Plastic surgery at AIIMS,Raipur



A Rare Case of Congenital Band over the extensor aspect of wrist & hand causing snapping of wrist being operated by the Dept. of Plastic surgery at AIIMS,Raipur

CARDIOLOGY

Assistant Professor
Dr. Satyajit Singh

HIGHLIGHTS

1. The Department of Cardiology initiated the much needed interventional cardiac services from 9th September 2017.
The first transradial coronary angiography of AIIMS Raipur was performed by Dr.Satyajit Singh on 9th September 2017.
2. The first transradial coronary angioplasty + stenting in AIIMS Raipur was performed by DrSatyajit Singh on 28th October 2017 in a patient who had critical stenosis in Right Coronary Artery. with the introduction of much awaited interventional services, the department is providing angioplasty and stenting at a price which is one-fourth the price at corporate hospital.
3. So far, the department has done 112 coronary angiography and 8coronary angioplasty and stenting in patients with critical stenosis.
4. The department has started the emergency pericardiocentesis services and so far 7 emergency pericardiocentesis have been performed this year.
5. The Department of Cardiology has completed the installation of cath lab in the fourth floor, C- BLOCK



**CARDIAC CATHETERIZATION LABORATORY, DEPARTMENT
OF CARDIOLOGY, AIIMS RAIPUR**

EDUCATION

Initiated the case-based learning in cardiac sciences for the final year MBBS students (2014 Batch).

LECTURES DELIVERED

1. Dr. Satyajit Singh (Assistant Professor, Cardiology) delivered the weekly faculty talk on 13th July 2018

RESEARCH

Departmental projects (including thesis/dissertations)

Ongoing Project

S No.	Title of the project
1.	Association between Serum Lipoprotein (A) and Syntax Score in patients with documented CAD.

PATIENT CARE

FACILITIES AVAILABLE IN THE DEPARTMENT

1. Diagnostic coronary angiography
2. Coronary angioplasty + Stenting
3. Echocardiography
4. 12 lead ECG
5. Cardioversion
6. Pericardiocentesis
7. Fluoroscopy
8. Point of the Care device for rapid diagnosis of ACS patients using CKMB, TROPONIN-I and NT-PRO BNP.

at AIIMS Raipur entitled “Cardiac Conundrums: Enigmas to solve”.

2. Dr. Satyajit Singh (Assistant Professor, Cardiology) was invited as an expert on Heart Failure Clinics Symposium organized by Professor Sandeep Seth (Department of Cardiology, AIIMS New Delhi) and participated in the deliberations on 25th February 2018 at New Delhi.

CARDIOTHORACIC AND VASCULAR SURGERY

Associate Professor

Dr. Satyapriya Mohanty
(till 20-01-2018)

Dr. Nitin Kashyap
(w.e.f. 31/08/2017)

HIGHLIGHTS

We are having 24 hours running Cardiovascular & Thoracic Services in our department. We are Conducting 5 days OPD services (Tuesday to Saturday) from 8 to 4pm. We have organized workshops & training programs for staff, & students related to emergency services.

EDUCATION

Short training session of hand hygiene for faculty members under hospital infection control committee
Basic Life support training programme for newly joined nursing officer.

Lectures delivered at CMEs, National and International conferences

Name of faculty member : Dr. Nitin Kumar Kashyap

S.No	NAME OF THE EVENT	DATE	CITY
1.	Pediatric Emergency Medicine conference as Treasurer station and Faculty at skill	17th & 18th March 2018.	AIIMS, Raipur
2.	Pediatric bronchoscopy as Treasurer and faculty at station	9th April 2017	AIIMS, Raipur

RESEARCH

Quality improvement project to reduce thrombophlebitis in a tertiary care hospital as co-investigator.

- Borkar NK, Meshram R, Jindal A, **Kashyap N**, Mohanty D (2018). Spontaneous Rupture of a Congenital Diaphragmatic Eventration in an Infant. APSP J Case Rep: 9(1); 4.

PUBLICATIONS

- Kashyap NK**, Jindal A, Borkar NK, Wasnik M (2017). Primary Tuberculous Osteomyelitis of Rib in a child. J Clin Diagn Res 11(7): PD08-PD09.

PATIENT CARE

We are performing all kind of adult cardiothoracic surgical operation including emergency vascular trauma surgery as well.

COMMUNITY & FAMILY MEDICINE

Professor and Head

Dr. Manisha Ruikar

Additional Professors

Dr. Abhiruchi Galhotra
Dr. Gouri Kumari Padhy

Associate Professors

Dr. Anjali Pal
Dr. Anjan Kumar Giri

HIGHLIGHTS

IAPSM-WHD-QUIZ-2017 on Mental Health was organized on 7th April 2017 under the aegis of Indian Association of Preventive & Social Medicine (IAPSM) with support of IAPSM-Madhya Pradesh Chapter.

A workshop on “Basic Methods in Biostatistics“ was organised by Department of Community and Family Medicine on 28th June 2017 for faculty members and senior residents of various departments of AIIMS Raipur.

Last review meeting of Swabhimaan Baseline Survey in Bastar District of Chhattisgarh was organized on 24th April 2017 at Jagdalpur.

Key Findings of Swabhimaan Baseline Survey in Bastar District of Chhattisgarh were disseminated at the State Level Baseline Survey Findings Dissemination Workshop on 18th August 2017 at Indravati Bhavan, Naya Raipur.

Pulse Polio Immunization was carried out in the OPD of AIIMS, Raipur on 28th January and 11th March 2017.

Faculty members participated actively in the programme of special swachhta drive held during 15th September to 2nd October 2017 at AIIMS Raipur.

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.

Senior Resident and Medical Social Worker of CFM Department accompanied and guided nursing students in our Urban Field Practice Area.

FACULTY DEVELOPMENT

All faculty members consistently update their academic knowledge by participating in various academic proceedings (like National consultation on Universal Health Coverage, National Iron Plus Initiative, Strengthening Urban Health system with Public and Private medical colleges of Chhattisgarh, Expanding knowledge partnerships for National Health Mission, GIS and Meta analysis, Evidence based Medicine, Medical certification of cause of Death etc.), by undergoing different academic courses (Online course on Diabetes, Epi Info 7TM) and by being a reviewer of journals.

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

S. No.	Name of the event	Date	City
1.	Workshop on Basic Methods in Biostatistics	28 th June 2017	Raipur
2.	IAPSM-WHD-QUIZ-2017 on Mental Health organized under the aegis of Indian Association of Preventive & Social Medicine (IAPSM) with support of IAPSM-Madhya Pradesh Chapter	7 th April 2017	Raipur

Lectures delivered at CMEs, National and International Conferences

Name of faculty Member: Dr. Manisha Ruikar

S. No.	Title of talk	Name of the CME/conference	Date	Venue	City
1.	Epidemiology of Tuberculosis	National symposium on Musculoskeletal Tuberculosis	30 th July 2017	AIIMS Raipur	Raipur
2.	Baseline Survey: Methodology and data collection	Swabhimaan Baseline Survey Findings Dissemination Workshop	18 th Aug 2017	Indravati Bhavan	Naya Raipur
3.	Social status of single women in India	1 st Chhattisgarh State Chapter IAPSM Conference	18 th Nov 2017	Pt JNM Medical College	Raipur

Name of faculty Member: Dr Abhiruchi Galhotra

S. No.	Title of talk	Name of the CME/conference	Date	Venue	City
1.	Rabies Situation in India	6 th National Conference of consortium against Rabies 2018	23 rd Feb 2018	AIIMS	Patna

Name of faculty Member:Dr. Gouri Kumari Padhy

S. No.	Title of talk	Name of the CME/conference	Date	Venue	City
1.	Sample size estimation	Workshop on Basic methods in Biostatistics	28 th June 2017	AIIMS Raipur	Raipur

Name of faculty Member: Dr. Anjan Kumar Giri

S. No.	Title of talk	Name of the CME/conference	Date	Venue	City
1.	Sampling techniques	Workshop on Basic methods in Biostatistics	28 th June 2017	AIIMS Raipur	Raipur
2.	Epidemiology of Tuberculosis	Training/sensitization of RNTCP	26 th Mar 2018	AIIMS Raipur	Raipur

List of oral papers presented

S. No.	Authors	Title of presentation	Name of the conference	Date	Venue	City
1.	Padhy GK, Vinod Ashwin P	Effect of Pranayama on anxiety level & academic performance in 4 th Semester undergraduate students of a medical college	6 th South Central Zone & 1 st State chapter IAPSM Conference	17 th Nov 2017	Pt JNM Medical College	Raipur
2.	Giri AK, Singh LK, Rao GN, Gururaj G	Burden of substance use disorders in adult population of Chhattisgarh	6 th South Central Zone & 1 st State chapter IAPSM Conference	17 th Nov 2017	Pt JNM Medical College	Raipur

RESEARCH

Funded Projects Completed

S. No.	Title	Name of PI	Funded by	Duration	Start year-End year	Fund
1.	Baseline Survey for Swabhimaan Project in Bastar Block and Bakawand Block of Bastar District	Prof. Dr Manisha Ruikar	UNICEF	1 Year	2016-2017	13200686/-

Collaborative projects Ongoing

S. 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.

Completed

S. No.	Title of the project	Collaborating Department/ Institution
1.	Role of faecal calprotectin in distinguishing enteric pathogen	Principal Investigator from Microbiology Department of AIIMS Raipur
2.	Knowledge, attitude and practice survey on breast cancer	Principal Investigator from General Surgery Department of AIIMS Raipur.

PUBLICATIONS

Papers published in journals

- Brahmapurkar KP, Khan QH, Zodpey S, **Ruikar MM**, Brahmapurkar VK. Death and defaulted trends among registered TB cases at Jagdalpur TU in Bastar district of Chhattisgarh, India. *Int J Med Sci Public Health* 2016; 5: 2361-2365.
- UNICEF, **AIIMS Raipur**, IIPS: Swabhimaan Programme (Mocho Mangun), Chhattisgarh: Baseline Survey Results (2017): Bastar District.
- Dhiman A, Goel NK, Kumar D, Navpreet, **Galhotra A**. Antenatal Counseling- is it adequate? A cross sectional study from Chandigarh tricity, India. *International Journal of Community Medicine Public Health*. 2017;4(4):1337-1341.
- Mishra A, **Galhotra A**. Household respondent selection techniques- An over view. *Indian Journal of Basic and Medical Research*; June 2017;6(3):275-280.
- Padhy GK**, D'Cruz DC, Vinod Ashwin P, Sarnaik G, Shridhar R, Nair AS, Makda M. Needs and expectations of mentorship programme in a medical college. *IJCST* 2017;5(4):409-412.
- Vinod Ashwin P, **Padhy GK**. Effect of Pranayama on anxiety level and academic performance in 4th Semester undergraduate students of a medical college. *IJCST* 2017;5(11):531-535.
- Sunita Behera, **Anjan Kumar Giri**, Indrani Rath, Prashant Nanda. Clinico epidemiological correlates of traumatic cataract in a Tertiary Care Hospital of Eastern India. *International Journal of Contemporary Medicine*, 2017;5(2):1-6.

PATIENT CARE

Immunization Clinic is run by our Department on every working day in AIIMS Raipur OPD. Total 3223 under five beneficiaries were vaccinated during 1st April 2017 to 31st March 2018. Health care workers of AIIMS Raipur were vaccinated against Hepatitis B (total 1348 doses given).

Also total 227 beneficiaries were vaccinated at Yellow Fever Vaccination Centre during 1st April 2017 to 31st March 2018.

AWARDS, HONOURS AND SIGNIFICANT EVENTS

SIGNIFICANT EVENT

Swabhimaan Baseline Survey findings Dissemination Workshop:

Baseline Survey for Swabhimaan Project in Bastar block and Bakavand block of Bastar District was conducted by the Department of Community and Family Medicine of AIIMS Raipur in collaboration with UNICEF and IIPS.

The Chhattisgarh State Rural Livelihood Mission (CGSRLM), with support from UNICEF organized the State Level Baseline Survey Findings Dissemination Workshop for the Swabhimaan – Mocho Mangun demonstration program; on 18th August 2017 at Indravati Bhavan, Naya Raipur.

The workshop started with the Opening remarks by Dr. Isha Bhagwat, Health Lead, National Rural Livelihood Mission, New Delhi. Dr. Abner Daniel, Nutrition Specialist, UNICEF explained Swabhiman Design - National level pilot strategy to improve maternal nutrition.

Methodology and key Findings of Baseline Survey were presented by Prof Dr Manisha Ruikar, Principal Investigator from AIIMS Raipur and Dr Prakash Fulpagare from IIPS, Mumbai. Emerging actions from baseline findings in context of BIHAN 11 sutras and multi-sectoral convergence were open to the house for

discussion after this presentation. Closing Remarks were delivered by Mrs. Ritu Sain, Mission Director, CGSRLM (Bihan).

Workshop on Basic Methods in Biostatistics:

A workshop on 'Basic Methods in Biostatistics' was organised by Department of Community and Family Medicine on 28th June 2017 from 2 pm to 5.30 pm. Total 30 faculty members and senior residents of various departments of AIIMS Raipur participated in this workshop.



DENTISTRY

Associate Professor & In-Charge

Dr. Nakul Uppal

Associate Professors

Dr. Santhosh Rao

Dr. Manish Jagdish Raghani

HIGHLIGHTS

Department of Dentistry and Maxillofacial Surgery recently installed two additional state-of-the-art dental chairs in temporary premises to expand oral care services offered to outpatients and inpatients. The additional capacity, for the first time, now permits same-day treatment for several types of single-sitting dental procedures. The teaching programme to B.Sc. Nursing students was expanded to equip them with the knowledge and skill to recognize and manage complications encountered in day-to-day nursing practice and unique aspects of patient care encountered in patients that have had surgery to the teeth, jaws, oral cavity and face. Several innovative and challenging resective and reconstructive surgical operations were performed.

EDUCATION

Permission to begin post graduate training programme (M.D.S.) in Oral and Maxillofacial Surgery was granted to the department by the Academic Committee.

A curriculum in Dental and Oral Aspects of Healthcare was prepared for the first time to provide dental, oral and maxillofacial perspectives in the form of didactic lectures to MBBS students (7th semester) as part of their training to better prepare them for handling dental and orofacial conditions in their internship and residency.

“Dentistry: Beyond the Tooth” weekly academic meet was hosted by the department.

CMEs/Workshops/Symposia/National and International Conferences

1. 3rd State Conference of Association of Oral & Maxillofacial Surgeons of India, Chhattisgarh State Chapter “CG MAXCON 2018” on 20th and 21st January 2018 at Raipur. Dr. Santosh Rao was the Organising Secretary and Dr. Manish Raghani was the Scientific Chairperson for the Conference.
2. The Department celebrated “International Oral and Maxillofacial Surgeons Day” on 13th February 2018. On the occasion, Dr. Santosh Rao along with the resident Dr. Yogesh Kumar and Dr. Sameer Pandey presented a talk on “Dentistry: Beyond the tooth” at the academic meet of AIIMS Raipur.

Lectures delivered at CMEs, National and International Conferences

Name of Faculty Member : Dr Nakul Uppal

S.No.	Title of talk	Name of the CME/conference	Date	Venue	City
1.	Safe Dental Management of Patients with Hematological Disorders (Guest Lecture)	71st Indian Dental Conference	12 April 2017		Bhubaneswar

Name of Faculty Member : Dr.Santosh Rao

S.No.	Title of talk	Name of the CME/conference	Date	Venue	City
1.	Temporocalvarial Fascia Flap in Maxillofacial Reconstruction.	6th World Congress of the International Association of Oral Oncology	17-20 May 2017	Shangri-La	Bengaluru
2.	TMJ Ankylosis: Total Joint Reconstruction with Concomitant Orthognathic surgery.	3rd State Conference of Chhattisgarh State chapter of AOMSI.	20th – 21st Jan 2018	Chhattisgarh Club	Raipur
3.	Panel Discussion on Cleft and Craniofacial Deformities (Invited Panellist)	3rd State Conference of Chhattisgarh State chapter of AOMSI.	20th – 21st Jan 2018	Chhattisgarh Club	Raipur
	4. Medical Emergency in Dental Practice. (Guest Lecture)	CDE on Medical Emergency and Scope of Maxillofacial Surgery on International Oral & Maxillofacial Surgeons Day.	12-Feb-18	Chhattisgarh Club	Raipur
4.	Medical Emergency in Dental Practice. (Guest Lecture)	CDE on Medical Emergency and Scope of Maxillofacial Surgery on International Oral & Maxillofacial Surgeons Day.	12-Feb-18	ANIDS Dental College	Vishakpatnam
5.	Scope of Maxillofacial Surgery. (Guest Lecture)	CDE on Medical Emergency and Scope of Maxillofacial Surgery on International Oral & Maxillofacial Surgeons Day.	12-Feb-18	ANIDS Dental College	Vishakpatnam
6.	Scope of Maxillofacial Surgery. (Guest Lecture)	CDE on Scope of Maxillofacial Surgery on International Oral & Maxillofacial Surgeons Day.	21-Feb-18	Rungta Dental College	Bhilai
7.	Medical Emergencies: Protocol for Prevention and Management (Guest Lecture)	CDE on Dentistry, By IDA Raipur	18-Mar-18		Raipur

Name of Faculty Member : Dr. Manish Raghani

S.No.	Title of talk	Name of the CME/conference	Date	Venue	City
1.	Mandibular Distraction Osteogenesis Preceding Interpositional Arthroplasty- A Novel Protocol in Management of TM Joint Ankylosis	International Conference of Oral and Maxillofacial Surgery (ICOMS 2017)	31st March – 3rd April 2017	Hong Kong Convention and Exhibition Centre.	Hong Kong
2.	Face Sculpting – Orthognathic and Orthomorphic Surgeries	3rd Conference of CG state chapter of AOMSI “CGMAXCON 2018”	20th – 21st January 2018	The Chhattisgarh Club, Raipur	Raipur (CG)

3.	Panel Discussion on Minor Oral Surgical Procedures (Invited Panellist)	3rd Conference of CG state chapter of AOMSI "CGMAXCON 2018"	20th – 21st January 2018	The Chhattisgarh Club, Raipur	Raipur (CG)
4.	Hemifacial Microsomia (HFM): Current Concepts and Strategies for management	3rd International Craniofacial and Dental Summit	4th – 6th March 2018	Tashi Namgyal Resort	Paro, Bhutan

PUBLICATIONS

1. **Uppal N.** Medical emergencies: Quick-release mechanism. *British Dental Journal* 2017;223(4):237. [Erratum: Kumar M, Uppal N. *Br Dent J* 2017;223(7):464.]
2. **Uppal N,** Bonanthaya K. Triclosan: Hazards of Overuse are not limited to Antibiotics. *J Contemp Dent Pract* 2017;18(11):989-990.
3. **Uppal N,** Kumar M. Painless palatal local anesthetic injection : A low-cost, effective technique. *Saudi J Anaesth* 2018;12(1):151-2.
4. **Uppal N,** Janghel Y. Protocol for hospital management of dental patients with sickle cell disease. *Oral Surgery* 2018; 11:90-91.
5. Rao Sruthi, **Rao Santhosh.** Glossopharyngeal Nerve Block: The premolar approach. *Craniofacial Trauma and Reconstruction.* Accepted for Publication
6. Arora R, Rao S, **Rao Santhosh,** Nagarkar NM. Transnasal Stabilization in Naso - Orbito - Ethmoid Fractures: The easy way! *Indian Journal of Otolaryngology and Head & Neck Surgery* 2017 Jun;69(2):248-251 PMID: 28607899
7. **Rao Santhosh,** Rao Sruthi, Lalwani Pinky, Screw and Wire Technique for Condylar Fracture Reduction. *J Maxillofac Oral Surg.* 2018 Mar;17(1):110-111. PMID: 29383004

8. Raghani N, Raghani MJ, Rao S, **Rao Santhosh.** Hemangiopericytoma/Solitary Fibrous Tumour of the Buccal Mucosa. *Ann Maxillofac Surg.* 2018 Jan-Jun;8(1):151-153 PMID: 29963445.

PATIENT CARE

Dr. Santhosh Rao performed several innovative and challenging major surgical procedures of the maxillofacial region involving alloplastic reconstruction of the temporomandibular joint, correction of facial deformity, harvesting of free fibula flap to reconstruct mandibular defects, ocular prosthesis for the orbit and fabrication of ear using patient's own cartilage were performed. Dr Manish Raghani conducted complex jaw reconstructive surgery and oversaw prosthetic obturators after midfacial resection.

Dental implants were placed as a restorative option for several patients as a cost-effective, reliable and long-term tooth-replacement option superior to conventional dentures.

The department runs a Cranio-Maxillofacial special clinic on Thursday afternoons for discussion and workup of complex oro-facial cases

FACILITIES AVAILABLE IN THE DEPARTMENT

(Including special clinics and/or special laboratory facilities)

The department of Dentistry caters to the patient under the following head

1. General Dentistry
 - a. Routine dental treatment like Oral prophylaxis, Restorations, Dental Extractions
 - b. Root Canal treatments (RCT)
2. Radiography Services
 - a. Intra Oral Radiography
 - b. OPG
3. Maxillofacial Prosthetic Dentistry
 - a. Dental Implants.
 - b. Fixed and Removable partial dentures.
 - c. Complete Dentures.
 - d. Obturators for maxillofacial Reconstruction.
 - e. Orbital and Auricular Prosthesis.
 - f. TMJ appliances.

4. Orthodontic procedures
 - a. Removable Orthodontic appliances.
 - b. Myo-Functional appliances like Twin Block.
 - c. Presurgical Orthodontic preparation for orthognathic Surgery.
5. Minor Surgical Procedures
 - a. Surgical Etraction of the tooth.
 - b. Closed management of Maxillofacial Trauma.
 - c. Cyst enucleations and periapical surgeries.
- d. Zygomatic Implants.
6. Major Surgical Procedures
 - a. Maxillofacial Trauma.
 - b. TMJ surgeries.
 - c. Oral Surgical Oncology.
 - d. Orthognathic and Distraction Osteogenesis.
 - e. Management of Pathologies of Maxillofacial regions like cysts and Tumours.
 - f. Microvascular Remonstration of the

DEPARTMENT STATISTICS	
Total OPD	8428
Total IPD	121
Major Surgical Procedures	103

DEPARTMENT OF DENTISTRY, AIIMS RAIPUR
STATISTICS REPORT APRIL 2017 - MARCH 2018

S.No	PROCEDURE/	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	TOTAL
			-17	-17	-17	-17	-17	-17	-17	-17	-17	-17	-18	-18
1	Major OT	5	9	6	7	16	9	10	10	6	10	4	11	103
2	OPD	556	616	695	806	767	719	686	661	653	738	735	796	8428
4	Minor OT	1	6	4	4	2	6	2	2	2	5	0	3	37
5	Special Clinic	1	0	0	4	0	4	1	1	1	2	0	5	19
6	MINOR SURGERY	14	16	12	19	10	24	20	17	20	14	18	24	208
7	EXTRACTION	53	49	45	67	51	59	52	58	49	58	64	75	680
8	RESTORATION	31	31	21	38	33	30	29	36	40	41	32	33	395
9	ORAL PROPHYLAXIS	4	0	9	20	27	21	15	18	25	29	20	13	201
10	RCT	18	20	42	49	37	53	15	44	52	83	56	38	507
11	RVG	53	48	46	52	33	41	38	47	58	58	47	45	566
12	PROSTHODONTICS	46	29	30	41	41	45	49	53	53	74	73	44	578
13	ORTHODONTICS	3	0	3	3	5	9	9	14	10	13	18	11	98
14	IMPLANT	14	21	17	16	20	13	19	31	15	20	17	13	216
15	OTHERS	25	17	26	26	18	27	35	30	31	22	41	23	321
	TOTAL	824	862	956	1152	1060	1060	980	1022	1015	1167	1125	1134	12357

AWARDS, HONOURS AND SIGNIFICANT EVENTS

Name of Faculty Member : Dr Nakul Uppal

1. Worked as member of the Research Committee.
2. Memberships of Scientific Bodies
 - a. Association of Oral and Maxillofacial Surgeons of India
 - b. Association of Oral and Maxillofacial Surgeons of India (Karnataka Chapter)
 - c. Association of Oral and Maxillofacial Surgeons of India (Chhattisgarh Chapter)

Name of Faculty Member : Dr Santhosh Rao:

1. As External Examiner for universities
 - a. Oral & Maxillofacial Surgery Subject for final year BDS, at Government Dental College and Hospital, Raipur
2. Organising Secretary for the 3rd State Conference of Chhattisgarh State chapter of AOMSI. Raipur.
3. Elected as President – Elect for the Chhattisgarh State chapter of AOMSI
4. Elected Editor for the Indian Dental Association, Raipur Branch.
5. Indian Advisory Board of Quintessence International Indian Edition Journal.
6. Memberships of Scientific Bodies
 - a. Life member Association of Oral & Maxillofacial Surgeons of India
 - b. Fellow International Association of Oral & Maxillofacial Surgeons
 - c. Fellow AOCMF - Craniomaxillofacial
 - d. Life member AOMSI MP state chapter
 - e. Life member AOMSI Chhattisgarh state chapter
 - f. Life Member Indian Society of Cleft Lip, Palate and Craniofacial Anomalies
 - g. Life member Foundation of Head and Neck Oncology
 - h. Member – Indian Dental Association
 - i. Life member International Association of Oral Oncology
7. Member (Non-Elected and only through selection)
 - a. Indian Board of Oral & Maxillofacial Surgery (IBOMS)
8. Journal Reviewer in following Journals
 - a. Journal of Maxillofacial and Oral Surgery

- b. BMJ Case Reports.
- c. Indian Journal of Dental Research.
- d. Journal of Orthopaedics, Traumatology and Rehabilitation.
- e. Journal of Ayurveda and Integrative Medicine.

Name of Faculty Member : Dr. Manish J Raghani:

1. As External Examiner for Universities
 - a. Oral & Maxillofacial Surgery Subject for final year BDS, at Government Dental College and Hospital, Raipur. (CG).
2. Elected as Honorary General Secretary of Chhattisgarh State Chapter of AOMSI.
3. Journal Reviewer for:
 - a. Journal of Maxillofacial and Oral Surgery.
 - b. National Journal of Maxillofacial Surgery.
4. Member (Non-Elected and only through selection)
 - a. Indian Board of Oral & Maxillofacial Surgery (IBOMS).
5. Membership of Scientific Bodies
 - a. Life member Association of Oral & Maxillofacial Surgeons of India.
 - b. Fellow International Association of Oral & Maxillofacial Surgeons.
 - c. Fellow AOCMF – Craniomaxillofacial.
 - d. Member – Indian Dental Association.
 - e. Life member AOMSI MP state chapter.
 - f. Life member AOMSI Chhattisgarh state chapter.
 - g. Life Member Indian Society of Cleft Lip, Palate and Craniofacial Anomalies.
 - h. Life member Foundation of Head and Neck Oncology.



RAIPUR Chronicle

Central Chronicle, Saturday, May 12, 2017

First total TM joint replacement of AIIMS Raipur

Raipur, May 12

Temporomandibular Joint (TMJ) is a joint that connects the lower jaw to the skull. The main role of the joint is to open the mouth and help in eating, talking and other activities that we do day to day using the mouth. Temporomandibular Joint dysfunction is a common disease in this part of the world that leads to stiffness of the joint which leads to inability of the patient to open the mouth and to unable to perform routine day to day activities like eating, talking etc.

Traditionally the treatment of this disease includes medication, but since no drug or surgery shall suffice for the relief of the patient, the patient shall consider himself not accepted in the society and never be able to lead a normal life. The present condition of the patient shall be treated by a joint replacement surgery. This is the first total TMJ replacement surgery performed in Raipur. The patient shall be able to perform all the activities of daily life after the surgery.

First total TM joint replacement

Raipur, May 12

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Dr. Santhosh Rao, a Maxillofacial Surgeon working as Associate Professor in the Department of Dentistry performed this 5 hours long surgery by taking the 6th and 8th rib cartilage graft and shaping it to the form of an ear and inserting in the proposed location.

Ear Reconstruction Surgery at AIIMS Raipur

Raipur, Aug 24

AIIMS Raipur gets another feather in its cap by performing Ear Reconstruction using Rib graft to a patient who had no ear. This condition is medically called as Microtia. Team of doctors led by Dr Santhosh Rao, a Cranio-Maxillofacial (CMF) Surgeon working as Associate Professor in the Department of Dentistry performed this 5 hours long surgery by taking the 6th and 8th rib cartilage graft and shaping it to the form of an ear and inserting in the proposed location.

Dr Santhosh Rao said, that this is a three-staged surgical procedure where at the first stage the ear template made of rib cartilage shall be inserted in the area where ear is absent, after a period of 4 months a

Third procedure shall be for fine cosmetic alterations to recreate the lobule and other finer structures. The cost for the procedure being very expensive elsewhere and increased number of patients requiring correction of these congenital deformities in Chhattisgarh state. AIIMS Raipur started these complex surgical procedures for the benefit of the patients under the guidance of the Director Prof Dr Nitin M Nagaikar. A dedicated CMF surgery clinic is run in the department of Dentistry on every Thursday from 3-5 pm to address all sorts of facial congenital and ac-



Ear forms an important structure on the face. Absence of ear is a socially debilitating to the person. The condition can be of varying degree. From Microtia which means have a very small abnormal ear tissue or Anotia means total absence of ear. Ear deformities accounts for about every 11 in 1000 live births (1.1%) but how ever severe microtia requiring surgical corrections accounts to every 3 in 10,000 live births. This disease is usually associated with other facial deformity syndromes also, most commonly associated Hemifacial Macrosomia which has severe

Apart from the surgical correction of the disease AIIMS also has facility to provide artificial prosthesis of ear, eye etc under the department of dentistry. CMF surgery services. Dr Santhosh Rao had the following doctors in his team to treat this patient. Dr Manish Raghani - Associate Professor Dentistry, Dr Sameer Pandey - Senior Resident Dentistry, Dr Yogesh Janghel - Senior Resident Dentistry, Dr Vaishnavi Shripathi - Junior Resident Dentistry, Dr Ajay Kumar - Assistant Professor Anaesthesiology, Dr Smitha - Senior Resident Anaesthesiology. Cranio-Maxillofacial surgery services of department of dentistry is hopeful to treat more number of patients like this who are affected from wide array of facial defects.



Women p

मुंह ना खुलने की बीमारी एम्स में हुआ सफल इलाज

हरिगुमि न्यूज रायपुर

जबड़ा जाम होने के कारण मुंह ना खुलने के कारण खाने-पीने में होने वाली दिक्कत से महिला को 25 साल बाद निजात मिल गई। अखिल भारतीय आयुर्विज्ञान संस्थान के डाक्टरों ने उसके जबड़े का सफल आपरेशन किया। जबड़े से संबंधित यह समस्या ओडिशा की कल्पना को बचपन में लगी चोट के बाद सामने आई थी। एम्स के डाक्टरों की मदद से चेहरे पर नजर आने वाली विकृति से उसे मुक्ति मिल गई। टेमोरोमोन्डिबुलर एक ज्वाइंट है, जो निचले जबड़े को खोपड़ी से जोड़ता है। इस जोड़ की मुख्य भूमिका मुंह को खोलने और खाने, बात करने और अन्य सभी गतिविधियों में सहायता करना है, जो हम मुंह का उपयोग करते हुए दिन-प्रतिदिन करते हैं।



टेमोरोमोन्डिबुलर ज्वाइंट एंक्लोजिस एक ऐसी आम बीमारी है, जिससे रोगी को मुंह खोलने में असमर्थता होती है और दिन की गतिविधियों खाने में भी नाकाम रहने में असमर्थता होती है। इस बीमारी के इलाज की सुविधा एम्स में प्रारंभ की गई है। एम्स के मैक्सिलोफेशियल सर्जन डा. संतोष राव ने बताया, ओडिशा से 32 वर्ष की कल्पना नाम की एक महिला रोगी पर 5 घंटे की लंबी सफल शल्य चिकित्सा की।

DERMATOLOGY

Associate Professor

Dr. Satyaki Ganguly
(w.e.f 25/09/2017)

Assistant Professors

Dr. Namrata Chhabra
Dr. Neel Prabha

HIGHLIGHTS

Subsequent to the allocation of a procedure room in the AYUSH block, we have started regular dermatology procedures like radiofrequency ablation, intralesional injection, skin biopsy as well as vitiligo surgeries. An undergraduate student has been awarded an ICMR-STs project under the dept. of Dermatology. A faculty research project with intramural funding has been awarded to a faculty member. We have held patient information campaigns on the occasions of 'World skin health day' and 'World Vitiligo day'. We have also started post-graduate training programme in the department.

EDUCATION

- Undergraduate lectures.
- Departmental seminars every week.
- Dermatopathology discussion for review of biopsy slides every week.

Lectures delivered at CMEs, National and International conferences –

Name of Faculty Member : Dr. Namrata Chhabra Sharma

S.No.	Title of talk	Name of the CME/conference	Date	Venue	City
1.	“The menace of facial steroid abuse”	CUTICON- Chhattisgarh	Nov. 17	Hotel Grand Dhillon	Bhilai

List of oral papers/posters presented Poster titled “POEMS Syndrome:

Skin lesions bringing the jigsaw puzzle together-A case report” presented in Mid-DERMACON, at Mumbai in August, 2017

RESEARCH

Funded projects - Ongoing

S.No.	Title of the project	Name of Principal Investigator	Funded by (Name of 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	Rs 5,00,000

Departmental projects (including thesis/dissertations)

Ongoing

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

Completed

S. No.	Title of the project
1.	Clinicoepidemiological profile and associated audiological and ocular abnormalities of vitiligo patients.

PUBLICATIONS

1. Prabha N, Chhabra N, Arora R. Beta-blockers in dermatology. Indian J Dermatol Venereol Leprol. 2017; 83:399-407.
2. **Ganguly S**, Ray L. Psoriasis & cardiovascular morbidity: The missing links? Indian J Med Res. 2017; 146:677-679.
3. Jha AK, Sonthalia S, **Ganguly S**, Oral isotretinoin as an adjunctive treatment for recurrent genital warts. J Am Acad Dermatol. 2018; 78:e35-e36.
4. **Prabha N**, Arora R, Chhabra N, Joseph W, Singh VY, Satpute SS, Nagarkar NM et al. Disseminated cutaneous Rhinosporidiosis. Skinmed 2018; 16:63-5.
5. **Ganguly S**, Ray L, Kuruvila S, Nanda SK, Ravichandran K. Lipid Accumulation Product Index as Visceral Obesity Indicator in Psoriasis: A Case-control Study. Indian J Dermatol. 2018; 63:136-140.

List of chapters in books – Chapter titled:

1. “General measures for treating fungal infections”
2. “Topical therapies for treatment of dermatophytosis”
3. “Role of antifungal powders, soaps and washes in the treatment of fungal infections”
Published in the book “IADVL Manual on management of dermatophytoses” by Dr Namrata Chhabra Sharma

PATIENT CARE

Facilities available in the Department

1. Diagnostic skin biopsy for histopathology.
2. Dermatologic surgeries including Vitiligo skin grafting.
3. Excision of epidermoid cyst, lipoma, melanocytic nevi.
4. Chemical peeling.
5. Radiofrequency ablation.
6. Microneedling.
7. Tattoo removal.
8. Nail avulsion.
9. Chemical cautery.

E.N.T.

Professor and Head
Prof. (Dr.) Nitin M. Nagarkar

Associate Professors
Dr. Rupa Mehta
Dr. Ripu Daman Arora

HIGHLIGHTS

The Department of ENT, Head & Neck Surgery is fully functional and well equipped with all the surgical equipment's. All major Ear, Nose, Throat, Neck Endoscopic skull base surgeries are being performed routinely. Ours is a pioneer department for Head and Neck Cancer surgeries.

We 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.

We have been running Head & Neck and Rhinology clinic on Tuesday and Otology cum Vertigo clinic every Wednesday.

The department organized first Head & Neck Cadaveric Dissection in coordination with department of Anatomy AIIMS, Raipur and Association of Otolaryngologists of India, Chhattisgarh on 7th-8th April 2017.

We organized the Live Webcast of 16th conference on "Evidence Based Management of Cancers in India-EBM 2018" held from 23 - 25 February 2018 conducted by Tata Memorial center, Mumbai.

Dr. Rupa Mehta as scientific committee member and Dr. Ripu Daman Arora as Joint secretary helped in organizing prestigious ISOCON 2017, Annual national Conference of Indian society of Otology in association with Association of Otolaryngologists of India, Chhattisgarh held at Raipur from 17th to 19th November 2017.

The Department strengthened the facility of Cochlear Implant programme under "Mukhya MantriBal Shraavan Yojana" and we have regularly performed cochlear implants surgeries.

Dr Rupa Mehta has completed the theory and oral exams for Global online Fellowship in Head Neck Surgery (GOLF) under International Federation of Head & Neck Oncologic Societies and Memorial Sloan Kettering Hospital USA.

Dr. Ripu Daman Arora was awarded MAMS by National Academy of Medical Sciences in NAMSCON 2017 held at Sri Guru Ram Das Institute of Medical Sciences, Amritsar (Punjab).

EDUCATION

We have Clinical teaching activity as part of MBBS academic curriculum. Which includes clinical postings, theory and practical classes. We emphasize on establishing rapport with the patients and learning new techniques for diagnosis and treatment in ENT.

- We conduct Intra departmental teaching for Senior and Junior Residents on Every Wednesday
- We conduct ENT-Pathology round in collaboration with Department of Pathology on regular basis.
- We conduct ENT-Radiology round in collaboration with Department of Radiology regularly.

Lectures delivered at CMEs, National and International conferences

Name of faculty member : Prof. (Dr.) Nitin M Nagarkar

1. Panelist in the Conclave on Legal and Ethical Challenges in Healthcare Ecosystem on **8th May 2017** at Manekshaw Convention Centre, New Delhi
2. Invited as Member of Advisory Committee of 2nd J&K Medical Science Congress and 1st Annual Conference of MPPCOS Society at SKICC, Srinagar from **10th - 13th May 2017**. Delivered a talk on “Head and Neck Cancer: A major health concern”
3. Attended the Medical Conference in South Eastern Coalfields Limited (A Mini Ratna Company) at Hotel Courtyard Marriot, Bilaspur, Chhattisgarh on **29th July 2017**. Delivered a **Keynote lecture** on “Tumors of Head and Neck: An overview”.
4. Attended the National Symposium on Head and Neck Cancer on **5th August 2017** at U Chicago Center, New Delhi in the capacity of **Keynote speaker**. Delivered a talk on “Surgical issues in treatment of Sinonasal cancer”
5. Attended the Round-table meeting under the aegis of Association of Indian Universities (AIU) at SVIMS, Tirupati (A.P) from **9th to 11th October 2017**. Delivered a talk on “Ranking of Medical Universities – Who and How?”
6. Attended the Robotic Surgeons' Council of India meeting held at Taj Exotica, Goa from **18th to 19th Nov. 2017**.
7. Attended the CME Programme on Ear and Hearing Care held at Maulana Azad Medical College (MAMC), New Delhi from **2nd, 3rd February 2018**. Participants included representatives from different countries of South East Asian region.

S.No.	Title of talk	Name of the CME/conference	Date	Venue	City
1.	Participated as a panelist in panel discussion on vertigo in NESCON Jan 2018 at jodhpur	NES 2018	4th - 8th January 2017	AIIMS, Jodhpur	Jodhpur
2.	Towards developing a skill based effective training module for postgraduate in otology	ISOCON 2017	17-19 November	Raipur	Raipur

Session chaired as faculty : Dr. Rupa Mehta

1. Chaired a session on Nystagmus in NESCON Jan 2018 at AIIMS, Jodhpur.
2. Local flaps in head and Neck reconstruction at Head & Neck cadaveric dissection course held at AIIMS Raipur 7th – 8th April 2017.

Name of faculty member : Dr. Ripu Daman Arora

S.No.	Title of talk	Name of the CME/conference	Date	Venue	City
1.	Rhinosporidosis: still an enigma	RHINOCON 2017	18th-20th August 2017	Amritsar Punjab	Amritsar
2.	Decision making for surgical resection partial / total maxillectomy and orbital Reconstruction Workshop	Hand on Head and Neck Cadaver Dissection and clearance	13-14, October 2017	University College of Medical Sciences and GTB Hospital	Delhi
3.	Technique and results of tympanoplasty: our experience at tertiary care institut	ISOCON-2017	17-19th Nov. 2017	Raipur C.G.	Raipur

Session chaired as faculty : Dr. Ripu Daman Arora

1. Local flaps in head and Neck reconstruction at Head & Neck cadaveric dissection course held at AIIMS Raipur 7th – 8th April 2017.

Poster presentation

NAME OF RESIDENT	CONTRIBUTIONS (ISOCON 2017)
Mrinalini raman	Poster on: evidence of potential threat of microbial drug resistance to commonly used anti microbials in case of active tubo tympanic csom from raipur, chhattisgarh
Govind gourh	Paper presentation on: retrospective study of cartilage graft tympanoplasty in high risk perforation caused due to csom with nearly 100 % results
Sunil bajoliya	Poster on: facial nerve: all aspects
Payal kamble	Poster on: primary tuberculosis of middle ear: a rare entity
Nikhil kumar	Poster on: history of mastoidectomy

RESEARCH

Funded projects

Ongoing

S.No.	Title of the project	Name of Principal Investigator	Funded by (Name of funding agency)	Duration (years)	Start year– End year	Total funds sanctioned (Rs)
1.	Prevalence and etiology of hearing impairment in six regions in India.	Prof.(Dr.) Nitin M Nagarkar	ICMR	3 years	2015-2017	15000000
2.	National Programme for Prevention & Control of Deafness.	Prof.(Dr.) Nitin M Nagarkar	NPPCD	5 years (Tentative)	28.10.2015 31.03.2017	36,00,000
3.	Technology enablement from Management to Solution for Hearing impaired.					
4.	“Evaluation of Prevalence of HPV in Head and Neck Malignancies.	Dr. Ripu daman Arora	Intramural grant	1 year	2018-19	5,00000

Non Funded projects

S.No.	Title of the project	Name of Principal Investigator	Duration (years)	Start year– End year
1.	Newborn hearing : screening A hospital based project at AIIMS Raipur	Dr. Ripu Daman Arora	1 year	2018-19
2.	Investigation of the invitro biofilm producing ability and antimicrobial susceptibility testing of isolated microbes in various Ear Nose Throat infections",	Dr. Rupa Mehta	1 year	Under review by the ethics committee

Departmental projects (including thesis/dissertations)

Completed

S. No.	Title of the project
1.	A Retroanalytical study of epidemiological factors of Rhinosporidiosis in a tertiary carecentre predominantly catering rural population of tribal origin in central India: ICMR-STs project: Guide : Dr.Ripu Daman Arora.

Collaborative projects

Completed

S. No.	Title of the project	Collaborating department/institution
1.	A Clinic-epidemiological profile of Audiological and Ocular abnormalities in patients with Vitligo.	Department of Otolaryngology, Dermatology and Ophthalmology

Ongoing

S. No.	Title of the project	Collaborating department/institution
1.	Prevalence, diagnosis and treatment of Non-tuberculous Mycobacteria in India : A multicentric project.	Multicentric Multiinstitutional Project

PUBLICATIONS

Papers published in Journals

Name of faculty member : Prof (Dr.) Nitin M Nagarkar

1. Preeti Sahu, Anu N Nagarkar, Abhishek Mishra, and **Nitin M Nagarkar**. Environmental Noise level and its control in the healthcare setup. **International Journal of Recent Scientific Research**. October, 2017; Vol. 8 (10), 21203-21206
2. Anshul Rai, Anuj Jain, **Nitin M Nagarkar**, Manal Khan. Use of Kerrison Rongeur for safe and effective removal of bone in Temporomandibular joint ankylosis. **International Journal of Oral and Maxillofacial Surgery**, 16.01.2018 (Online)
3. 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.
3. Prabha N, **Arora R**, Chhabra N, Joseph W, Singh VY, **Nagarkar NM**. Disseminated cutaneous Rhinosporidiosis. *Skinmed* 2018, 1,16:63-5.
4. Prabha N, Chhabra N, **Arora R**. Beta-blockers in dermatology. *Indian J DermatolVenereolLepr* 2017; 83:399-40.

Name of faculty member : Dr. Ripu Daman Arora

1. **Arora R**, Rao S, Rao S, **Nagarkar NM**. Transnasal Stabilization in Naso-orbito-ethmoid Fractures: The Easy Way! *Indian J Otolaryngol Head Neck Surg* 2017; 69:248-51.
2. **Ripudaman A**, Nikhil K, PayalK, **Nitin MN** Management of Tracheoesophageal Fistula Secondary to Button Battery Ingestion. *Otolaryngol Open Access J* 2018, 3(1): 000163.
1. Dr. Rupa Mehta has been awarded the "**Indian travel fellowship**" of **Indian society of otology** and completed the same at KKR ENT RESEARCH institute at Chennai in MARCH 2018
2. Dr. Ripu Daman Arora was been awarded **MAMS by National academy of medical sciences** in NAMSCON 2017 held at Sri Guru Ram Das Institute of medical sciences ,Amritsar (Punjab)
3. Dr. Ripu Daman Arora has been awarded prestigious "**International travel fellowship**" of **Indian society of otology at university college of cologne , Germany** under professor Med karlbernd Huttenbrink in ISOCON 2017 held at Raipur (CG)
4. Dr. Payal Kamble won 2nd prize in poster competition "**Primary tuberculosis of middle ear: a rare entity**" in ISOCON 2017 held at Raipur(CG)

PATIENT CARE

ANNUAL REPORT FOR THE YEAR 2017-18 FROM APRIL 2017 – MARCH 2018.

Month	OPD	Special Clinic	IPD (Admissions)	Major OT	Minor OT
April	1421	09	41	25	50
May	1565	10	48	33	52
June	1887	18	50	18	52
July	2101	14	73	40	38
August	2099	07	72	38	75
September	2017	09	52	22	46
October	1860	09	58	24	54
November	2123	09	59	38	34
December	1984	02	56	21	58
January	1867	02	49	27	45
February	1655	02	47	07	31
March	1914	01	52	21	36
Total	22,493	92	657	314	571





FORENSIC MEDICINE AND TOXICOLOGY

Professor & Head

Dr. Krishnadutt Chavali

Associate Professor

Dr. Shreemanta Kumar Dash

Assistant Professor

Dr. Pankaj Suresh Ghormade

HIGHLIGHTS

Postgraduate course (MD Forensic Medicine and Toxicology) has been started and one student each has taken admission in July 2017 and January 2018 sessions, making it a total of 2 postgraduate students in the department.

EDUCATION

The subject of Forensic Medicine & Toxicology is taught to the students of MBBS in their 2nd Professional Year as a compulsory subject. Regular teaching activities like lectures, practical classes, tutorials, etc. are undertaken in the department. The students are evaluated for their performance by two term ending tests and one pre-Professional examination in both theory and practical aspects.

The Department has started postgraduate course (MD) in Forensic Medicine & Toxicology with an annual intake of 2 seats sanctioned by the Academic Committee of the Institute. Regular teaching learning activities for the postgraduate students in the form of seminars, lectures, journal clubs, practical exposure to Forensic Pathology work and Clinical Forensic Work, etc. are being conducted in the department.

Details of CMES Organized By the Department:

The department organized a sensitization workshop on Medical Certification of Cause of Death on 8th June 2017. The workshop was attended by the Senior Residents, Junior Residents and Junior Faculty members of the Institute and was appreciated by all.

Details of Conferences/CMEs attended by the faculty members:

Name of the Faculty Member	Name of the CME/conference	Date	City
Dr. Krishnadutt Chavali	CME on "Research Methodology"	01 Apr 2017	Dept. of Pharmacology AIIMS Raipur
	Ethics Training Workshop	27 Apr 2017	JNMMC, Raipur
	RFHHA Conclave	18-20 May 2017	AIIMS, New Delhi
	CG Microcon 2017	16-17 Sept 2017	AIIMS Raipur
	Laws Applicable to Hospitals	21-22 Nov 2017	PGIMER, Chandigarh
	Woundcon 2018	16-18 Mar 2018	SDMCAH, Hassan

Name of the Faculty Member	Name of the CME/conference	Date	City
Dr. Shreemanta Kumar Dash	CME on "Research Methodology"	01 Apr 2017	Dept. of Pharmacology AIIMS Raipur
	Workshop on "Basic Methods in Biostatistics"	28.06.2017	Dept. of CFM AIIMS Raipur
	JIPMER HIMA ASIA Conference	27-28 Oct 2017	JIPMER , Pondicherry
	"Forensic Medicon 2018"	01-03 Feb 2018	JIPMER , Pondicherry
Dr. Pankaj Suresh Ghormade	8th International Academy of Medico Legal Experts Conference	29 th Sept to 1 st Oct 2017	Agra (UP)
	CG Microcon 2017	16-17 Sept 2017	AIIMS Raipur

Lectures delivered at CMEs, National and International conferences

Name of the Faculty Member	Title of talk	Name of the CME/conference	Date	City
Dr. Krishnadutt Chavali	Medicolegal issues in Routine Medical Practice	Training in Forensic Medicine for Medical	12, 14 Mar 2018	SIHFW, Raipur
	Medicolegal issues in wound management	Woundcon 2018	16-18 Mar 2018	SDMCAH, Hassan

List of oral papers/posters presented

S. No.	Authors	Title of presentation	Name of the conference	Date	City
1.	Dr. P. S. Ghormade	Hypoxic Encephalopathy in tubal ligation procedure death: A case report of alleged medical negligence	8 th International Academy of Medico Legal Experts Conference	29/09/2017 to 01/10/2017	Agra (UP)
2.	Dr. Shreemanta Kumar Dash	"Microbial Forensics – A new Frontier"	39th Annual Conference of IAFM "Forensic Medicon 2018"	01.02.2018 to 03.02.2018	JIPMER, Pondicherry

PUBLICATIONS

Papers Published in Journals:

1. **Sarma B, Dash S, Ghormade PS.** Chaperone Practice: Global vis-à-vis Indian Scenario. Journal of Indian Academy of Forensic Medicine 2017; 39 (4):407-12
2. **Ghormade PS, Keoliya AN.** Fatal typhoid intestinal perforation in post tubal ligation death with an alleged medical negligence: a rare case report. International Journal of Reproduction, Contraception, Obstetrics and Gynecology 2018; 7(2):755-58 Padhy GK, Mishra , Pal A, Dash S K;

Wake up call to halt the evolving epidemic of sexual offence in India: Urgent need to find out the solutions , Panacea Journal of Medical Sciences, January-April,2016;6(1): 3-7

3. **Sarma B, Ghormade PS, Chavali KH, Dash S, Soni JP.** Pattern of cardiac injury following blunt trauma to chest: an autopsy based study .Indian Journal of Forensic Medicine & Toxicology 2018; 12(1):43-48.
4. **Ghormade PS, Sarma B,** Gajbhiye SM. Sub-occipital ligature knot in a case of long drop suicidal hanging with rare autopsy finding of cervical spine fracture. Egyptian Journal of Forensic Sciences 2018; 8 (31):2-5

PATIENT CARE

1. Continuing of Medico-legal Autopsy services at AIIMS Raipur. Number of medicolegal postmortem examinations is steadily increasing from 12 in 2016 to 30 in 2017 and 11 till 31.03.2018.
2. Embalming service is also provided on request for bodies that have been autopsied in the department.
3. The department is providing Clinical Forensic Services in the Casualty of the Institute round the clock on on-call basis. This service is likely to be extended as a full-time service with the acquiring of space for seating the faculty member/SR /JR of the department in the casualty and acquisition of other equipment.
4. The department provides the shroud and the waterproof sheet for wrapping the body free of cost for all bodies autopsied in the Institute.
5. Computer typed autopsy reports are provided to the police/investigation authorities/courts for legibility.

AWARDS, HONOURS AND SIGNIFICANT EVENTS

S. No.	Name of the Faculty Member	Awards, honors and significant events
1.	Dr. Krishnadutt Chavali	<ol style="list-style-type: none"> 1. Received the “Icons of Health 2017” Award of the Times of India for contribution in the field of Forensic Medicine & Toxicology. The award was given away by Dr Raman Singh, Hon'ble Chief Minister of Chhattisgarh. 2. Developed a 'Checklist for Medicolegal Autopsy' in collaboration with Dr Swapnil Agrawal and Dr Lavlesh Kumar for which a copyright has been registered (Reg No L-72655/2018) with the Registrar of Copyrights, Govt of India.
2.	Dr. Shreemanta Kumar Dash	<ol style="list-style-type: none"> 1. As the Nodal Officer Awarded with certificate of appreciation for actively organizing the “Special Swacchta Drive “observed at AIIMS Raipur from 15th September to 2nd October 2017 2. As the Nodal Officer received the Kayakalp Award – 2017-18 from MOHFW Govt. of India



Prof. (Dr.) Nitin M. Nagarkar,
Director, AIIMS Raipur
addressing the participants in the
Workshop on
Medical Certification of
Cause of Death.

GENERAL MEDICINE

Associate Professor

Dr. Sabah Siddiqui
Dr. Preetam Narayan Wasnik
(w.e.f. 27/02/2018)

Assistant Professor

Dr Keshao Nagpure
(w.e.f. 23/10/2017)

HIGHLIGHTS

1. Nodal officer for training and capacity building Chhattisgarh state Assistant Medical Officer(Trained about 200 AMO in Year 2017-18).
2. Received Quality Improvement coaching certificate from Institute of Healthcare Improvement, Boston, USA at AIIMS Delhi.
3. Developed Module for training of doctors for Health and wellness center.
4. Faculty in World Academic Congress of Emergency Medicine, Colombo 2017.
5. BLS Course for Nursing Staff.
6. Nodal officer for ICTC.
7. Genetics Research lab committee.
8. Member of National Task Force Project (PCOS): A Multicenter study across India”.

EDUCATION

1. Workshop for on Basic Life support for Final Year Students.
2. BLS workshop for SR and JR.
3. Organized live webcast CME for MBBS Final year Students.
4. BLS Course for Nursing Staff.

In Addition to routine classes we have been part of skill upgradation of MBBS/ Nursing Students.

Name of faculty member : Dr. Sabah Siddiqui

S.No.	Title of talk	Name of the CME/conference	Date	Venue	City
1.	Investigators Meeting,	Task Force Project entitled Evaluation of (PCOS): A Multicenter study across India”	24th May 2017	ICMR Headquarter Delhi	Delhi
2.	Non Communicable Diseases	Training of AMO by SHRC	11th-12th July 2017	SHRC Korba	Korba, CG
3.	Basics of USG, Konobology	World Academic Congress of Emergency Medicine, Colombo 2017	13th October 2017	VIMS,	Colombo, Sri Lanka
4.	Stroke care pathways	"Indo-US Workshop on Improving stroke care delivery in India"	1st Dec. 2017	India Habitat Center	Delhi

S.No.	Title of talk	Name of the CME/conference	Date	Venue	City
5.	Sickle Cell disease in Adult	Medical officer Training at SHRC	18th Dec. 2017	SHRC-Raipur	Raipur
6.	Subject Expert	Subject expert in Interviews for the post of Medical Officer, Health & Medical Education Department	19th-21st January 2018	Secretariat, Govt of JnK	Jammu
7.	Basic Of Ultrasonography (Basic Physics &Knobology)	Pediatric Emergency Medicine Conference (PEMCON)	17th March 2018	AIIMS-Raipur	Raipur
8.	Training Obtained	Quality Improvement coaching certificate from Institute of Healthcare Improvement, Boston,	26th -29th March 2018	AIIMS, New Delhi	New Delhi

Name of Faculty Member : Dr. Preetam Narayan Wasnik

S.No.	Title of talk	Name of the CME/conference	Date	Venue	City
1.	Course faculty	Intrnational Yoga day	21st June 2017	AIIMS RAIPUR	Raipur
2.	Chairperson	RSSDI C.G.2017	25 October 2017	Raipur	Raipur
3.	Delegate	APICON 2017	22-25 February 2018	Bengaluru	Karnataka

RESEARCH

1. ICMR National Task force on PCOS.
2. Prevalence of scrub typhus and Leptospirosis in acute undifferentiated fever patients of Chhattisgarh- a preliminary study at AIIMS Raipur.
3. Effect of psychological intervention on psychological and physiological status of Type II diabetes.

4. Member of committee which was involved in making the specifications for various equipment procured through HLL for all 6 AIIMS.
5. Member of the committee for establishing Genetic Lab.
6. Member of Sickle cell Committee.
7. Member of Research cell, AIIMS Raipur.

PATIENT CARE

Department of Medicine is presently running regular Morning OPD and Four Speciality OPD:

Membership of Advisory Committee

1. Member of committee for Revision of National List of Essential Medicine (NLEM).
2. Member of Hospital Infection control committee.
3. Member of Transfusion Committee.

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

GENERAL SURGERY

Additional Professor and Head

Dr. Debajyoti Mohanty

Associate Professors

Dr. Radhakrishna Ramchandani

Dr. Tridip Dutta Baruah

(w.e.f. 12/03/2018)

Dr. Dharmendra Dugar

(w.e.f. 13/03/2018)

Assistant Professor

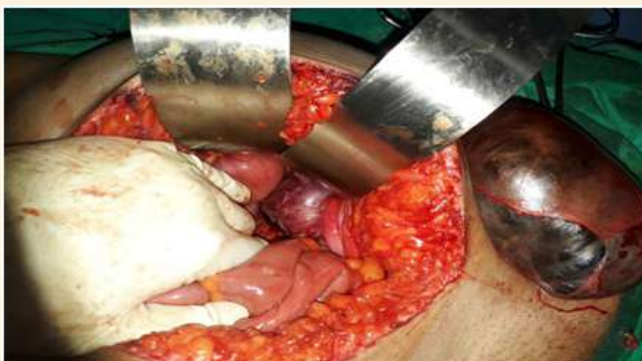
Dr. Rubik Ray

(w.e.f. 16/10/2017)

HIGHLIGHTS

The Department offers open and laparo-endoscopic surgical facilities to patients in need of surgical care. The range of surgical facilities offered is quite varied encompassing various urological, oncosurgical, vascular surgical procedures apart from the routine general surgical interventions. The Department also runs specialized clinic for breast disorders and shortly starting specialized consultation clinics targeting hepato-pancreatico-biliary diseases and gastric and colorectal malignancy. The faculties of the department delivered a number of lectures in different academic programmes across the country.

Pictures: Intra operative photograph in a patient with Mayer-Rokitansky-Kuster-Hauser II Syndrome. The patient had herniation of left ovarian mass through the left inguinal canal. The mass was measuring about $8 \times 6 \times 6$ cm outside the abdomen (Total size $22 \times 13 \times 13$ cm).



General Surgery and Anaesthesia team in Operation Theater

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 programme for its interns and residents for fine tuning the surgical skills.

CMEs/Workshops/Symposia/National and International Conferences

- Hands on training on open surgical suturing and knotting techniques on July 2017.

Lectures Delivered at CMES, National And International Conferences

Name of faculty member : Dr. Debajyoti Mohanty

S.No.	Title of talk	Name of the CME/conference	Date	Venue	City
1.	Management of Borderline Pancreatic tumors	UCMS Surgical Oncology Update	08.10.2017	Indian Habitat center,	Delhi
2.	Troubleshooting in Laparoscopy	MASCON -2018	12.03.2018	New Delhi AIIMS, Rishikesh	Rishikesh

Name of faculty member: Dr. Radhakrishna Ramchandani

S.No.	Title of talk	Name of the CME/conference	Date	Venue	City
1.	Yoga for Surgical Disorders	International Yoga Day celebration by Yoga and wellness Committee	21.06.2017	AIIMS, Raipur	Raipur
2.	Acute Trauma Care	OSSASICON- 2018	04.02. 2018	Mahanadi coal fields Hospital	Sambalpur

List of oral papers/posters presented:

S.No.	Authors	Title of presentation	Name of the conference	Date	Venue	City
1	Srivastava N, Singh S, HusssinN, Mohanty D	Giant multicentric recurrent Phylloides tumor of the Breast: an overview with 2 case reports	CGASICON	22.4.2017	C.C.M. Medical College	Durg
2	Srivastava N, Singh S, Mohanty D	Mucocele of Appendix: role of laparoscopy in the management	CGASICON	22.04.2017	C.C.M. Medical College	Durg
3	Srivastava N, Singh S, Mohanty D	Retroperitoneal abscess and chronic enterocutaneous fistula a rare consequence colonic malignancy	CGASICON	22.04.2017	C.C.M. Medical College	Durg
4.	Chaudhary MK, Ray R, Mohanty D	Laparoscopic management of Hepatic Hydatid: Review of current practices	15thAnnual conference of IAGES	10.02.2018	Hotel VW Canyon	Raipur

Conferences Attended:**Name of faculty member:** Dr Debajyoti Mohanty

1. Chaired the session on Gallbladder Cancer at UCMS Surgical Oncology Update on 8th October 2017 at New Delhi
2. Judge for best postgraduate paper presented at CME cum Live Workshop organized by Association of Surgeons of India-Chhattisgarh State Chapter 2018 (CG ASICON 2018) held on 4th March 2018 at Raipur
3. Attended the "CME on Research Methodology" organized by Department of Pharmacology, AIIMS Raipur on 1st April 2017.
4. Attended workshop on "Medical Certification of Cause Of Death (MCCD)" organized by the Department of Forensic Medicine & Toxicology, AIIMS Raipur on 8th June 2017
5. Attended the 15th Annual conference of Indian association of Gastrointestinal Endosurgeons held at Raipur from 8th-10th February 2018.
2. Chaired a session in CME cum Live Workshop organized by Association of Surgeons of India-Chhattisgarh State Chapter 2018 (CG ASICON 2018) held on 4th March 2018 at Raipur/
3. Organizing Committee Member and Participant in "CGMICROCON 2017" organized by the Department of Microbiology at AIIMS, Raipur on 16th and 17th September, 2017.
4. Attended workshop on "Medical Certification of Cause of Death (MCCD)" organized by the Department of Forensic Medicine & Toxicology, AIIMS Raipur on 8th June 2017.
5. Attended the "CME on Research Methodology" organized by Department of Pharmacology, AIIMS Raipur on 1st April 2017.
6. Attended Workshop on "Basic Methods in Biostatistics" organized by the Department of CFM, AIIMS Raipur on Wednesday 28th of June 2017.

Name of faculty member: Dr Radhakrishna Ramchandani

1. Chaired a session and Judged the best poster presentation in "Post Graduate CME" and "11th AIIMS Surgical Week" International Conference (ENDOSURG 2017) from 16th-19th March 2017 at AIIMS, New Delhi

Name of faculty member : Dr Rubik Ray

1. Attended the 15th Annual conference of Indian association of Gastrointestinal Endosurgeons held at Raipur from 8th-10th February 2018.

RESEARCH

Funded projects: 01

Ongoing: 03

S.No.	Title of the project	Name of Principal Investigator	Funded by (Name of funding agency)	Duration (years)	Start year– End year	Total funds sanctioned (Rs)
1.	Expression of Interleukin -10 (IL-10) in Breast cancer patients: is it of Prognostic value	Dr. Radhakrishna Ramchandani	ICMR	One year	2018	Five Lac Rupees
2.	Evaluation of plasma circulating tumor cells and DNA to monitor breast cancer therapy	Dr Radhakrishna Ramchandani as co investigator	ICMR		2018	
3.	Prevalence and clinical patterns of presentation of various benign breast diseases in females attending surgery OPD of AIIMS, Raipur	Dr Radhakrishna Ramchandani	STS	One year	2017	

Collaborative projects

Ongoing: 02

S. No.	Title of the project	Collaborating department/institution
01	Association of Apolipoprotein A1 polymorphism (G- 75A and C + 83T) in patients with diabetic foot ulcers.	Dept of Biochemistry
02	Clinical features, laboratory parameters and treatment outcome of non tuberculous mycobacterial disease- a multicenter study	Dept of Microbiology

PUBLICATIONS

- 1) **Mohanty D**, Borkar NK. Acceptance of fibrin glue repair in Lichtenstein hernia repair: a faraway dream. Indian J Surg 2017 Apr; 79(2): 178-179.
- 2) Borkar NK, Kashyap NK, **Mohanty D**. Hyperkeratotic plaque over ankle. Indian J Dermatol 2017 Sep-Oct; 8(5):365-366.
- 3) Srivastava NK, **Mohanty D**, Singh S. Isolated ruptured tuberculous splenic abscess in a diabetic patient. Indian J Case Rep 2017 Apr-Jun; 3(2):94-96
- 4) Srivastava NK, Singh S, Hussain N, Singh V, **Mohanty D**. Pelvic mass with pulmonary metastasis: a rare differential with newer trends in the management. Indian J case Rep 2017 Jul-Sep; 3(3):169-170
- 5) **Ramchandani R**, Chumber S. Familial occurrence of Thyroglossal duct cyst. Indian J Surg 2017 Dec;79(6): 566-568.

PATIENT CARE

1. Special OPD “**Breast Cancer Clinic**” is continuing in the Department OPD room every Wednesday 2pm to 4 pm for the benefit of ladies having breast ailments. These target groups of patients are continuously getting benefit as is evident from the following data: Approximately 60 breast cancer surgeries have been successfully carried out till date as well as 12 patients with large Phylloides tumour of breast were cured by surgical intervention.
2. Two other special clinics such as clinic for “Hepato-Pancreatico-biliary diseases” and “Gastric/Colorectal cancer clinic” are going to be functional within a short span of time.
3. Dr Radhakrishna Ramchandani is actively involved in conducting BTELS course for educating various organizations regarding the pre hospital life support care with the aim to improve survival of trauma victims.

Department Data Regarding Patient Care:

Month/Year	OPD Attendance	IPD Admission	Procedure Room Attendance	Minor OT procedures	Major OT procedures
March 2018	1690	33	476	17	33
February 2018	1596	40	505	27	30
January 2018	1828	57	600	15	40
December 2017	1450	59	511	13	36
November 2017	1692	49	536	08	36
October 2017	1560	40	551	08	29
September 2017	1821	52	657	28	33
August 2017	1637	46	515	09	38
July 2017	1493	50	499	05	34
June 2017	1367	38	446	06	31
May 2017	1110	33	368	02	23
April 2017	1107	37	297	06	30
Total	22,493	92	657	314	571

AWARDS, HONOURS AND SIGNIFICANT EVENTS

Name of faculty member: Dr. Debajyoti Mohanty

1. Member of National Academy of Medical Sciences
2. Fellow of Minimal Access Surgery

Name of faculty member: Dr. Radhakrishna Ramchandani

1. Fellow of Indian Association of Gastrointestinal Endosurgeons.
2. Fellow of Minimal Access Surgery.
3. Fellow of International College of Surgeons.

MICROBIOLOGY

Additional Professor and Head

Dr. Padma Das

Additional Professor

Dr. Anudita Bhargava

Associate Professors

Dr. Sanjay Singh Negi

Dr. Ujjwala Gaikwad

HIGHLIGHTS

- ÷ Fourth batch of MBBS students passed 2nd professional examination in December 2017.
- ÷ PG course (MD-Microbiology) started.
- ÷ Sanction of state of art Tuberculosis laboratory with BSL-3 facility by standing Finance committee to the department of Microbiology.
- ÷ Sanction of State-level Virus Diagnostic and Research Laboratory to the department by Department of Health and Research, Government of India.
- ÷ 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.
- ÷ Sanction of various extra-mural and intramural research grants to all the four faculty of the department.
- ÷ Establishment and maintenance of many fully functional diagnostic sections of the department including Bacteriology, Tuberculosis, Mycology, Molecular biology and Infection control.

EDUCATION

- ÷ Organized Seminars and Problem based learning as special educational activity for II MBBS students of 2015 batch
- ÷ Organized State level intercollegiate undergraduate Microbiology Quiz for the students of second MBBS during 1st annual conference of CAMM at AIIMS Raipur on 17th September 2017.
- ÷ Organized intradepartmental weekly seminars.
- ÷ Organised summer training for Biotechnology VI semester students of NIT, Raipur during May-June 2017.
- ÷ Ongoing weekly training programme on infection control measures for hospital staff.
- ÷ Sensitisation programmes on Biomedical waste management.

CMEs/Workshops/Symposia/National and International Conferences

Name of the event : 1st Annual Conference of Chhattisgarh Association of Medical Microbiologists(**CGMICROCON 2017**).
Date: 16th and 17th September 2017
City: Raipur

Lectures delivered at CMEs, National and International conferences

Name of faculty member: Dr. Anudita Bhargava

S. No.	Title of Talk	Name of the CME/conference	Date	Venue	City
1.	Diagnosis of skeletal tuberculosis	National CME on Skeletal Tuberculosis	July 2017	AIIMS	Raipur
2.	Antimicrobial resistance: Time to act	International Hospital infection control week.	October 2017	J L N Memorial Hospital and Research Centre	Bhilai
3.	Laboratory diagnosis of tuberculosis: RNTCP perspective	Sensitization Workshop on newer guidelines of RNTCP	March 2018	AIIMS	Raipur

Name of faculty member: Dr. Padma Das

S. No.	Title of Talk	Name of the CME/conference	Date	Venue	City
1.	Combating Cholera Menace	1 st Annual Conference of Chhattisgarh Association of Medical Microbiologists (CGMICROCON 2017)	September 2017	AIIMS	Raipur
2.	Hand Hygiene and Biomedical waste management	Swachhta Pakhwada	September 2017	AIIMS	Raipur

Name of faculty member: Dr. Ujjwala Gaikwad

S. No.	Title of Talk	Name of the CME/conference	Date	Venue	City
1.	Laboratory Diagnosis of Tuberculosis under RNTCP (2016 Guidelines)	Sensitization Workshop on newer guidelines of RNTCP	March 2018	AIIMS	Raipur
2.	Participated as a Panelist in panel discussion on "Bad bugs in Hospital: Sharing the experience" during the one day CME on Bad Bugs in Hospital: Containment, Newer Strategies and Road Ahead" conducted by Ramkrishna care hospital, Raipur on 28 th January 2018.				

Name of faculty member: Dr. Sanjay Singh Negi

S. No.	Title of Talk	Name of the CME/conference	Date	Venue	City
1.	Diagnostic potential of multiplex real time PCR versus Gene Xpert MTB/RIF, Conventional culture and microscopy for the diagnosis of extrapulmonary tuberculosis.	The International conference on Microbiology, Virology & Immunology (ICMVI-2017)	1-3 rd December 2017	International Asia Pacific Convention Center, Sanya, China	Sanya, China

S. No.	Title of Talk	Name of the CME/conference	Date	Venue	City
2.	HPV: Molecular Diagnostic perspective	SYSCON, 2017-18	11-12 th , Jan, 2018	AIIMS, Delhi	Delhi

List of oral papers/posters presented

S. No.	Authors	Title of Presentation	Name of Conference	Date	Venue	City
1.	Ujjwala Gaikwad , Debabrata Dash, Padma Das, Anudita Bhargava, Sanjay Singh Negi, Sarika Kombade, Zoyev Khan, Pragya Agarwala, Priyadarshini Patro	“Inclusion of clinical case discussions in undergraduate microbiology curriculum: an infant step towards grooming the medical graduates for ID training”	7 th Annual Conference of Clinical Infectious Disease Society of India, CIDSCON 2017	17-20 th August 2017	Hotel Le Meridien	Nagpur
2.	Anudita Bhargava , Debrat Dash, Ajay Trakroo, Ritu Pandey, Amar Singh Thakur and R. Prasanna	Environmental Microbiological Surveillance of Special New-born Care units (SNCU) of Chhattisgarh: A sensitizer	MICROCON 2018 41 st Annual conference of Indian Association of Medical Microbiologists	22-26 th November 2017	RIMS	Ranchi
3.	Padma Das , Debrat Dash, Anudita Bhargava, Ujjwala Gaikwad,	Incidence of Linezolid resistant enterococcus: A wake up call.	MICROCON 2018 41 st Annual conference of Indian Association of Medical Microbiologists	22-26 th November 2017	RIMS	Ranchi
4.	Negi SS , Singh P, Chandrakar S, Gaikwad U, Das P, Bhargava A, Behra A, Nagarkar N M	Diagnostic potential of multiplex real time PCR versus Gene Xpert MTB/RIF, Conventional culture and microscopy for the diagnosis of extrapulmonary tuberculosis.	The International conference on Microbiology, Virology & Immunology (ICMVI-2017)	1-3 rd December 2017	China	Sanya
5.	Negi SS , Bhargava A, Aggarwal S	HPV: Molecular Diagnostic perspective	SYSCON, 2017-18	11-12 th , Jan, 2018	AIIMS, Delhi	Delhi

RESEARCH

Funded projects- Ongoing

S. No.	Title of Presentation	Name of Principal Investigator	Funded by (Name of Funding agency)	Duration (years)	Start year End Year	Total funds sanctioned (Rs.)
1.	Microbiological surveillance of Special Care New-born units of Chhattisgarh	Dr. Anudita Bhargava	UNICEF	2.5 years	2016-2019	16,91,267/-
2.	Microbiological surveillance of enteric pathogens causing childhood diarrhoea and evaluation of Fecal calprotectin as a non-invasive marker in distinguishing enteric pathogens.	Dr. Ujjwala Gaikwad	AIIMS Raipur	2 years	2017-2019	5,00,000/-
3.	Screening of high risk human papillomavirus (HPV) genotype by real time PCR in women with premalignant and malignant cervical cytology: a hospital-based study from Raipur, Chhattisgarh.	Dr. Sanjay Singh Negi	SERB, DST	2 years	2017-2019	9.8 Lakh
4.	Molecular profiling of multidrug resistant isolates of <i>Mycobacterium tuberculosis</i> in Raipur, Chhattisgarh.	Dr. Sanjay Singh Negi	AIIMS Raipur	2 years	2017-2019	5 lakh
5.	A multicentric National project funded by CDC, India in collaboration with AIIMS, New Delhi titled 'Capacity Building and Strengthening of Hospital Infection Control to detect and prevent antimicrobial resistance in India	Dr. Padma Das	CDC, India	3 years	2018-2020	57 Lakhs
6.	Base- line Widal titre and Salmonella carrier rate detection in healthy blood donors in Raipur	Dr. Padma Das	AIIMS Raipur	1 Year	2018-2019	5 Lakhs
7.	State Viral Diagnostic and Research Laboratory	Dr. Anudita Bhargava	Department of Health and Research (DHR) Govt. Of India	5 years	2017-2022	6,00,00,000=00 Sanctioned as first instalment 1,98,75,000=00

8.	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	1year	2018-2019	3,94,900=00
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Departmental projects (including thesis/dissertations)

Collaborative projects

Ongoing

S. No.	Title of the project	Collaborating department/institution
1.	Microbiological surveillance of Special Care New-born units of Chhattisgarh	Chhattisgarh State Health Services & UNICEF, Chhattisgarh
2.	A multicentric National project funded by CDC, India in collaboration with AIIMS, New Delhi titled 'Capacity Building and Strengthening of Hospital Infection Control to detect and prevent antimicrobial resistance in India	CDC-India, AIIMS-New Delhi and ICMR

PUBLICATIONS

- Gaikwad UN** and Gaikwad NR. Modalities to monitor the treatment response in Tuberculosis. *Indian Journal of Tuberculosis* 2018; 65: 109-117.
- 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. Accepted for publication in International Journal of Infection (In press).
- 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. Accepted for publication in Indian Journal of Medical Research.
- Negi SS**, Gade N, Mehta R. Unusual etiology of *Pasturella canis* causing dacryocystitis in HIV patient. A case report. *J Cli Diag Res* 2017;11:DD01-DD03.
- Gaikwad UN**, Gade N, Jindal A, Das P, Negi SS, Kombade S, **Bhargava A**. Persistent isolation of multidrug resistant gram negative bacteria from mechanically ventilated newborns in a newly established neonatal intensive care unit. *Int J Infect* 2017; 4(2); e40122.
- Negi SS**, Singh P, Chandrakar S, **Gaikwad U**, **Das P**, **Bhargava A**, Behra A, Nagarkar N M. Extrapulmonary tuberculosis: Need of mRT-PCR adjunct to GeneXpert MTB/RIF for better diagnosis. Under consideration in *Journal of Clinical Diagnostic Research*.

List of edited books and monographs.

- Dr. Ujjwala Gaikwad-Editor for - Souvenir** for 1st Annual State Conference of CAMM 2017.

PATIENT CARE

1. Started Tuberculosis culture facility at department of Microbiology, AIIMS, Raipur
2. Started active surveillance for Hospital acquired infections among admitted patients at AIIMS Raipur as a part of Hospital Infection control activity.
3. Started Immunization campaign against Hepatitis B for all health care workers under HICC.

AWARDS, HONOURS AND SIGNIFICANT EVENTS

1. 1st Annual Conference of Chhattisgarh Association of Medical Microbiologists (CGMICROCON 2017) was organised by Department of Microbiology on 16th and 17th September 2017. Dr. Anudita Bhargava was the Organising Chairperson, Dr. Padma Das- Organising Secretary and Dr. Ujjwala Gaikwad and Dr, Sanjay Singh Negi as Joint Organising Secretaries.
2. **Dr. Padma Das and Dr. Ujjwala Gaikwad** contributed actively as member of 'Kayakalp' committee in the capacity of Member Secretary BMWM committee and Infection Control Officer of the institute respectively for which the institute received 5th prize at the national level for the year 2017-18.
3. **Dr. Ujjwala Gaikwad** is nominated as the **Executive council Member** of Chhattisgarh Association of Medical Microbiologists (CMM).

1st Annual State Conference, Department of Microbiology, AIIMS, Raipur



VISITING SCIENTIST

1. Name: **Prof. U. C. Chaturvedi**
Institutional Affiliation- Professor emeritus ICMR and expert appointed by DHR for VRDL evaluation
City- Lucknow; Country- India
Visited the department in July 2017
2. Name: **Dr. Shreedhar Rao-**
Institutional Affiliation- Senior Scientist and an expert appointed by DHR for VRDL evaluation
City- Chennai; Country- India
Visited the department in July 2017
3. Name: **Dr.C.P.Baveja-**
A senior Microbiologist of the country visited the Department in December 2017.



NUCLEAR MEDICINE

Professor and Head

Dr. Karan Peepre
(w.e.f. 26.12.17)

Assistant Professor

Dr. Mudalsha Ravina
(w.e.f. 06.02.18)

HIGHLIGHTS

1. The OPD services/referrals were started on 08.02.18.
2. Inauguration of the Department of Nuclear Medicine on 09.07.18
3. The SPECT-CT camera installed in our institute is the 2nd installation in the country after TMH, Mumbai. Meanwhile we prepared the specification of 128 slice PET-CT and have already submitted to HLL.
4. We have been recently allotted the space for high dose therapy wards.
5. Currently, Dr. Karan Peepre is chairman of Nursing officer, AIIMS Raipur. He has organised 03 days workshop on nursing officer induction orientation Program.

Lectures Delivered at CMEs, National and International Conferences

Name of faculty member : Dr. Karan Peepre

S.No.	Title of talk	Name of the CME/conference	Date	Venue	City
1.	Role of Tc-99m MIBI, MPI in the detection of coronary artery disease	International conference on cardiology	18th-21st	Feb 2018	Paris
2.	Understanding underlying causes of heart disease and its imaging	International conference on cardiology	18th-21st	Feb 2018	Paris
3.	Judge for poster session	International conference on cardiology	18th-21st	Feb 2018	Paris

PUBLICATIONS

Dr. Manas Sahoo, **Dr. Mudalsha Ravina**. Role of Ga-68 PSMA peptide in prostate cancer-submitted for publication in annals of Nuclear medicine.

PATIENT CARE

1. SPECT-CT Camera for conventional Nuclear Medicine imaging
2. Thyroid clinic
3. Low dose therapies
4. Metastatic bone Pain palliation clinic
5. PET-CT under tender process.



Inauguration of Gamma Camera SPECT-CT Imaging Equipment and Dept. of Nuclear Medicine



Inauguration of Gamma Camera SPECT-CT Imaging Equipment and Dept. of Nuclear Medicine

NEUROSURGERY

Assistant Professor

Dr. Anil Kumar
(w.e.f. 04/09/2017)

Dr. Nehete lokesh Suresh
(w.e.f. 14/09/2017)

HIGHLIGHTS

The Department of Neurosurgery started functioning since 4th Sept 2017. Within a short period of time the Department has become specialized centre and is able to cater to almost all Neurosurgical diseases affecting the cranium, spine and the peripheral nervous system

with world standard treatment. Within few months of inception of neurosurgery department, neurosurgical care expanded to complex skull base surgeries, CVJ and spine surgeries, endoscopic skull base, neurooncology, vascular and trauma patients.

CMEs/Workshops/Symposia/National and International Conferences

Name of the Faculty : Dr Anil Kumar

- ▶ INDO-US Science and Technology Forum (IUSSTF)
Workshop on improving clinical outcome after

LECTURES

S. No.	Title of talk	Date	Venue	Delivered by
1.	Emergency management in Neurosurgery	24.02.2018	AIIMS, Raipur	Dr Anil Kumar

PUBLICATIONS

1. Kumar A, Pruthi N, Devi BI, Gupta AK. Morphometric Factors affecting Functional Outcome in Symptomatic Chiari I Malformation and Syrinx. J Spinal Surg 2017;4(4):1-5.
2. 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.
3. Nehete, Lokesh Suresh, Bevinahalli N. Nandeesh, Rose Dawn Bharath, Malla Bhaskara Rao and Arivazhagan Arimappamagan. "Cerebellopontine Angle Schwannoma and Meningioma in Contiguity: Surgical Implications in Neurofibromatosis." Journal of neurological surgery. Part A, Central European neurosurgery 79 2 (2018): 177-180.

PATIENT CARE

Since inception of department in Sept 2017, the overall footfall of patients is 3196 and the indoor admissions were 119. The number of major neurosurgical operative procedures was 64, consisting of various types of brain tumors including trigeminal schwannoma, vestibular schwannoma, transnasal endoscopic surgery for pituitary tumors, complex CVJ surgeries, meningioma, gliomas, vascular surgeries, shunt surgery for hydrocephalus , surgery for spinal tumours, spinal fixation , minimally invasive discectomy and surgeries to save the life of critically ill head injured patients.

AWARDS, HONOURS AND SIGNIFICANT EVENTS

Dr Anil Kumar was awarded Neuroendoscopy (Brain and Spine) Fellowship held at Department Of Neurosurgery, NSCB Medical college, Jabalpur , 2018 and was Invited as an expert in workshop on drafting disability policy of Chhattisgarh,2017.

OBSTETRICS AND GYNAECOLOGY

Professor and Head

Dr. Sarita Agrawal

Associate Professors

Dr. Nilaj Bagde

Dr. Vinita Singh

Dr. Prasanta Kr .Nayak

Dr. Pushpawati

Dr. Chandrashekhar Shrivastava

(Joined on 17-10-2017)

Assistant Professors

Dr. Sarita Rajbhar

(Joined on 23-01-2017)

HIGHLIGHTS

- ÷ Continuous Trainings on cervical cancer screening, trained- 90 Staff nurses/ medical officers/ HCW.
- ÷ Screening programme - breast & cervical cancer screening & awareness
- ÷ Visits to schools for awareness on Adolescent health Menstrual hygiene & cancer awareness, sensitization on HPV Vaccine.
- ÷ 2 batches of postgraduate students joined the department with 2 students each batch.

EDUCATION

- ÷ Regular theory, clinical Teaching, Seminars, demonstration as per the roster of undergraduate students and postgraduate students also during ward rounds.
- ÷ Regular UG & PG Assessment, theory + practical
- ÷ PG Thesis Review- every 3 months.

CMEs/Workshops/Symposia/National and International Conferences

CME'S:

Interdepartmental- 3:

- a) Neonatal resuscitation –Dr. Atul Jindal
- b) Cardiac disease in pregnancy- Dr. Satyajeet
- c) Intestinal injuries- Gen Surgery

Invited faculties:

- a) Dr, Ravi Chaube- hands on USG OBGY
- b) Dr. D' Panker Banerjii- Ovulation Induction
- c) Dr. Tarun Mishra-Thyroid Dysfunction in pregnancy
- d) Dr. Manisha- Male infertility.

Lectures delivered at CMEs, National and International conferences

Name of faculty member: Dr. Sarita Agarwal

S. No.	Title of Talk	Name of the CME/conference	Date	City
1.	Video presentation- congenital fused labia- a novel approach for M/M	AAGL- IAGE Conf on MIS	1-6 June 2017	MUMBAI
2.	PANEL DISCUSSION- HTN in pregnancy	Fogsi High Risk Pregnancy	23-25 June 2017	PUNE
3.	Lecture -Tackling difficulties in delivery of head during caesarian section	AOGCG State Conference	19 Oct 2017	Raipur
4.	Poster-SIS "Indispensable Tool" Or "Superfluous Trinket" In Diagnosis AUB	46 th Global Conf. on Minimal Invasive Gynec Surgery	12-16 Nov 2017	Washington DC
5.	Lecture -HIV in PREGNANCY- AN UPDATE	Orissa State Annual Conference	24 Nov 2017	BBS
6.	Lecture - infections in pregnancy	Aicog	18 Jan 2018	BBS

Name of faculty member: Dr. Vinita Singh

S. No.	Title of Talk	Name of the CME/conference	Date	City
1.	Role of saline infusion sonography in infertility", Retrospective observational study	5 th International Congress of Gynecology and Obstetrics (ICGO-2017).	26 May 2017	Prague, Czech Republic
2.	Comparing The Efficacy Of Visual Inspection Of Cervix With Acetic Acid (Via) And Lugol's Iodine (Vili) With Pap Smear Cytology In Screening For Pre-Malignant And Malignant Lesion Of Cervix": Systemic Review	61 st AICOG -2018	19 January 2018	Bhubaneswar

S. No.	Title of Talk	Name of the CME/conference	Date	City
3.	Effectiveness of awareness programme on KAP for early detection and prevention of cervical cancer in educated women.	61 st AICOG -2018	19 January 2018	Bhubaneswar

Name of faculty member: Dr. Prasanta Kumar Nayak

S. No.	Title of Talk	Name of the CME/conference	Venue	City
1.	Sepsis in Obstetrics and Gynecology	13th AO-GCG 2017, 28th -29th Oct-2017	Hotel Babylon Inn	Raipur
2.	Violence against doctors-Time for action(Panelist)	61st AICOG-2018, Bhubaneswar, 21.01.2018	Janata Maidan	Bhubaneswar

Name of faculty member: Dr. Pushpawati

S. No.	Title of Talk	Name of the CME/conference	Date	Venue	City
1.	Medical Education (Panelist)	61st AICOG-2018, Bhubaneswar	21 January 2018	Janata Maidan	Bhubaneswar
2.	Effectiveness of awareness programme on KAP for early detection and prevention of cervical cancer in educated women.	61 st AICOG -2018	19 January 2018	Janata Maidan	Bhubaneswar

RESEARCH

Funded projects

Ongoing

Name of Principal Investigator: Prof. Dr. Sarita Agrawal

S. No.	Title of the Project	Funded by (Name of funding agency)	Duration (years)	Start Year –End Year	Total funds sanctioned (Rs)
1.	Evaluation of prevalence, regional phenotypic variation, comorbidities, risk factors and the variations in response to different therapeutic modalities among Indian women with polycystic ovary syndrome (PCOS): A Multicenter study across India	ICMR	3 years	April 2018	

Completed

Name of Principal Investigator: Prof. Dr. Sarita Agrawal

S. No.	Title of the Project	Funded by (Name of funding agency)	Duration (years)	Start Year –End Year	Total funds sanctioned (Rs)
1.	Prevalence of thyroid dysfunction in pregnancy	Non funded	2 years	2016-2018	NIL

S. No.	Title of the Project	Name of Principal Investigator	Funded by (Name of funding agency)	Duration (years)	Start Year –End Year	Total funds sanctioned (Rs)
1.	Prevalence of thyroid dysfunction in pregnancy	Prof. Dr. Sarita Agrawal	Non funded	2 years	2016-2018	NIL
2.	Serum testosterone level and semen quality in males patients with sickle cell disease attending Aiims Raipur OPD	Dr. Vinita Singh	AIIMS Raipur	1 year	Ongoing	5 lakhs
3.	The immunohistochemical biomarker BCL2 expression in malignant and premalignant lesions of uterine cervix and their correlation with human	Dr. Prasanta Kumar Nayak	AIIMS Raipur	1 year	2018-2019	5 lakhs

Non funded Completed

S. No.	Title of the Project	Name of Principal Investigator	Funded by (Name of funding agency)	Duration (years)	Start Year –End Year	Total funds sanctioned (Rs)
1.	Association of hypothyroidism with obesity in patients with polycystic ovary syndrome	Dr Prasanta Kumar Nayak	Self	2 years	Sep. 2015 to August 2017	NIL
2.	The Role of Hysteroscopy in the Diagnosis of Endometrial Hyperplasia	Dr Prasanta Kumar Nayak	Self	2 years	Sep. 2015 to August 2017	NIL
3.	Comparison of the diagnostic value of Pap smear, visual inspection methods and colposcopy in detection of preinvasive lesions of the cervix	Dr. Prasanta Kumar Nayak	Self	2 years	Sep. 2015 to August 2017	NIL
4.	Role of saline infusion sonography in infertility", Retrospective observational study :	Dr. Vinita Singh	Self	1 year	March 2016 till April 2017	NIL
5.	Effectiveness of awareness programme on KAP for early detection and prevention of cervical cancer in educated women.	Dr. Pushpawati	Self	1 year	2017 to 2018	NIL

Completed:

STS ICMR Project:

Student: Ms. Chandrima Mukherjee,

Guide: Dr Prasanta Kumar Nayak

PUBLICATIONS

1. 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.
2. **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.
3. **Pushpawati, Vinita Singh**, Snehil Sinha, Amrita Singh, Labial Agglutination in a Pubertal Girl, Journal of Clinical and Diagnostic Research. 2018 Jan, Vol-12(1): QD01-QD02.

4. **Byasdev Mishra, Vinita Singh**, Mahaija Sahu, Snehil Sinha. Comparative 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.

PATIENT CARE

- ÷ Total footfall of OPD patients - 21382
- ÷ Total OPD procedure - 3787
- ÷ Total deliveries (LSCS/Vaginal) - 339
- ÷ Total admissions in labor room - 552
- ÷ Total OT surgeries - 443
- ÷ Total departmental ultrasound done - 3538

Conferences, CME'S, Trainings, Screening & awareness programmes



OPHTHALMOLOGY

Professor and HOD

Dr. Somen Misra
(w.e.f 09/10/2017)

Additional Professor

Dr. Neeta Misra
(w.e.f 13/11/2017)
Dr. Lubna Khan
(w.e.f. 11/09/2017)

Associate Professor

Dr. Ankur K Shrivastava
Dr. Vijaya Sahu
(w.e.f. 05/10/2017)

Assistant Professor

Dr. Lipi Chakraborty
(w.e.f. 01/03/2018)

HIGHLIGHTS

- a) Creation of separate Ophthalmic wards (1 clean having 12 beds) and (1 septic having 4 beds).
b) Acquired basic dressing essentials for patients like trolley and drum in both wards.
- Standard operating procedure(SOP) for eye OThas been adopted as per National guidelines.
- Creation of UG teaching room cum perimetry room near Ophthalmic OPD.
- Induction of biweekly ophthalmic discussion as journal club and case presentation between 4 to 5 p.m.
- World Glaucoma week was celebrated from 11th to 17th March, 2018.

WORLD GLAUCOMA WEEK CELEBRATION



Skit on Glaucoma for patient awareness Pamphlet distribution for patient education

Poster Display



CMES / Workshops/Symposia/National and International Conferences

S.No.	Name of Event	Date	City
1.	Students' Seminar on Glaucoma during World Glaucoma Week	16/03/18	AIIMS, Raipur



Lectures Delivered at CMES, National and International Conferences

Name of faculty member – Dr.AnkurShrivastava.

S.No.	Title of talk	Name of the CME/conference	Date	Venue	City
1	Suboptimal vision after cataract surgery	Phaco CME	29 Oct 2017	Hotel V/W Canyon	Raipur
2	Next generation hydrophobic ozonated IOLs	17th Annual Conference of Chhattisgarh state ophthalmological society	Dec. 2017	Hotel Anand imperial	Bilaspur
3	Smart phone apps in Ophthalmology	17th Annual Conference of Chhattisgarh state ophthalmological society	Dec. 2017	Hotel Anand imperial	Bilaspur

Oral Papers/Posters presented

Name of faculty member – Dr.Ankur Shrivastava

S.No	Authors	Title of presentation	Name of the conference	Date	Venue	City
1	Dr. Ankur Shrivastava, Dr. Jayshree	Glaucoma awareness in patients attending OPD of tertiary careCentre	Annual conference of ACOIN	7-9 Sept. 2017	Bogmallo Resort	Goa
2	Dr. Shrikant Kaushik, Dr. Ankur Shrivastava	Preoperative viral screening in cataract surgery; is it worthwhile?	17th Annual Conference of Chhattisgarh state ophthalmological society	16/12/17 to 17/12/17	Bogmallo Hotel Anand Imperial	Bilaspur

Name of faculty member – Dr. Vijaya Sahu

S.No	Authors	Title of presentation	Name of the conference	Date	Venue	City
1.	Paper – Dr. S. karol, Dr. VijayaSahu Dr. N. Pandey	Evaluation of early macular changes in diabetic patient by using 10 – 2 Programme of Automated perimeter.	Annual Conference of Chhattisgarh State Ophthalmological Society	16/12/17 to 17/12/17	Hotel Ananda Imperial	Bilaspur (C.G.)
2.	Poster – Dr.N. Pandey Dr. M.L. Garg Dr. Vijaya Sahu	Poster – Topical Ophthalmic medication – A Comparative Economic Analysis	Annual Conference of All India Ophthalmological Society	22/02/18 to 25/02/18	Codissia Hall	Coimbatore

RESEARCH

Departmental Projects

Ongoing -

S. No.	Title of the project
1.	Efficacy of Nepafenac versus flurbiprofen in maintaining intraoperative mydriasis during phacoemulsification: A comparative study.

S. No.	Title of the project
1.	Comparing the accuracy of different IOL power calculation formulae in patients with short axial length.

PUBLICATIONS

Name of faculty member – Dr. Lubna Khan.

The following publications have been accepted after joining AIIMS, Raipur.

- **Khan L**, Malukani K, Saxena A. Conjunctival Lesions: When should we perform biopsy? Nepal J Ophthalmol. 2017; 9:160-169. PubMed PMID: 29634706.
- **Khan L**, Sharma B, Gupta H, Rana R. Accuracy of biometry using automated and manual keratometry for intraocular lens power calculation. Taiwan J Ophthalmol. 2018; 8:93-98. PMID number awaited.

AWARDS, HONOURS AND SIGNIFICANT EVENTS

Name of Faculty Member – Prof. Dr. Somen Misra.

1. Dr. Somen Misra, Professor and Head, Department of Ophthalmology, AIIMS, Raipur, was conferred with INSA Teachers Award for 2017, on 29th December 2017 at its Annual Meet hosted by Indian Institute of Science, Education and Research (IISER), Pune.

ORTHOPAEDICS

Professor & Head
Dr. Alok Chandra Agrawal

Additional Professor
Dr. Ajit Singh
(relieved on 29/11/2017)

Assistant Professor
Dr. Harshal Sakale
Dr. Avinash Kumar

Associate Professor
Dr. Bikram Keshari Kar
(w.e.f 01/02/2018)

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 research activities. The department conducted a National symposium on musculo-skeletal tuberculosis in the month of July 2017 which was well attended by more than 200 Orthopaedic surgeons from all over the country and medical students.

÷ The department conducted a National symposium on musculo-skeletal tuberculosis as well as a saw bone training for total hip replacement.

EDUCATION

- ÷ The students have been attending clinical meetings along with Raipur Orthopaedic Society.
- ÷ The department has started M S Orthopaedic course from this year and 2 postgraduates have joined this year 1 each in July and January session.

CMEs/Workshops/Symposia/National and International Conferences

1. National symposium on Musculoskeletal Tuberculosis- 30th July 2017- AIIMS Raipur.
2. Saw bone workshop for THR- Depuy- Johnson and Johnson – September 2017- AIIMS Raipur. Indian Orthopaedic Association Post-Graduate Teaching Course- 16-17 September 2017, Jabalpur.

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	Venue	City
1.	Whole Body Donation	Transplant Co-coordinators Training Programme	2 nd -6 th February 2018	B R Ambedkar Medical College	Raipur Chhattisgarh

S. No.	Title of Talk	Name of the CME/conference	Date	Venue	City
2.	Recurrence in GCT-Our experience	CGIOACON 2018	20-21 January 2018	Chitrakot	Jagdapur, CG
3.	Avoidable complications in Limb Salvage for bone Tumours	CGIOACON 2018	20-21 January 2018	Chitrakot	Jagdapur, CG
4.	Acute Management of Pelvic Fractures	CEZCON	3-9-2017	Varanasi	U.P.
5.	Neglected lateral condylar fracture with cubitus valgus.2	K T Dholakia National CME IOACON 2017	26 th to 31 st December, 2017	Briliant conventio n center	Indore, India
6.	Management of Tuberculosis of the Elbow Joint-,	National Symposium on Musculoskeletal Tuberculosis	30 th July 2017	AIIMS	Raipur CG
7.	Recurrence in Giant cell tumour- Causes and Management	MPIOACON 2017	3 rd to 5 th November	Pachmari	MP
8.	Bone Tumours	IOA PG Teaching Course	16-17 September 2017	Jabalpur	MP
9.	Clubfoot Management by Ponseti Method-	IOAPG Teaching Course	16-17 September 2017	Jabalpur	MP
10.	Compilation and dissemination of data relating to common orthopaedic conditions	World Orthopaedic Concern Session IOACON 2017	26 th to 31 st December 2017	Indore	MP
11.	REPLACEMENT V/S FIXATION IN TROCHANTRIC FRACTURES	Debate (For) IOACON 2017	26 th to 31 st December 2017	Indore	MP
12.	Damage Control Orthopaedics	OOACON 2018	13-14 January 2018	Puri	Odissa
13.	Paediatric fracture neck of femur, Management and outcome	OOACON 2018	13-14 January 2018	Puri	Odissa

Oral and Poster Presentations

S. No.	Title of Talk	Name of the CME/conference	Date	Venue	City
1.	Can Syndromic Clubfoot be corrected by Ponseti's Method?,	IOACON 2017	26 th to 31 st December 2017	Brilliant convention center	Indore
2.	Recurrence in Giant Cell Tumours.	IOACON 2017	26 th to 31 st December 2017	Brilliant convention center	Indore
3.	Our experience in treating Syndromic clubfoot by Ponseti;s Method	38 th SICOT OWC	30 November to 2 December 2017	Capetown convention center	South Africa
4.	Hypovitaminosis D is a major factor for Persistent Nonspecific Musculoskeletal Pains.	38 th SICOT OWC	30 November to 2 December 2017	Capetown convention center	South Africa
5.	Avoidable complications in Limb Salvage for Malignant Bone Tumours,	IOACON 2017	26 th to 31 st December 2017	S S Yadav Gold Medal Competiti	Indore
6.	Management of Recurrence in Giant Cell Tumours. South Africa.	38 th SICOT OWC	30 November to 2 December 2017	Brilliant convention center	Capetown South Africa

Dr. Harshal Sakale

S. No.	Title of Talk	Name of the CME/conference	Date	Venue	City
1.	Management of CTEV by Ponseti's Method- A Critical Appraisal	CGIOACON 2018 – In Rural orthopaedics CME	20 th Jan 2018	Jagdapur	Jagdapur

Senior Residents

S. No.	Authors	Title of Presentation	Name of Conference	Date	Venue	City
1.	Abhishekh Jain, H Sakale, AC Agrawal	Treatment of Idiopathic club foot by Ponseti method	CGIOACON 2018	21 ST jan 2018	Jagdapur	Jagdapur
2.	Sameer Mittal, H Sakale, AC Agrawal	Effectiveness of Caudal epidural steroid injection in chronic lumbar disc and degenerative	CGIOACON 2018	21 ST jan 2018	Jagdapur	Jagdapur

RESEARCH

Funded projects

Ongoing

S. No.	Title of the Project	Name of Principal Investigator	Funded by (Name of funding agency)	Duration (years)	Start Year –End Year	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 Lakhs

S. No.	Title of the Project	Name of Principal Investigator	Funded by (Name of funding agency)	Duration (years)	Start Year –End Year	Total funds sanctioned (Rs)
1.	Role of intrarticular PRP injection in early stage of OA knee	Harshal Sakale	-NA	1 year	Submitted to research cell	NA

Departmental Projects (including thesis/dissertations)

Ongoing

S. No.	Title of the Project
1.	Characteristics 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.
2.	Comparative study between suprascapular nerve block versus platelet rich plasma injection in the treatment of adhesive capsulitis of shoulder joint.

Collaborative projects

S. No.	Title of the Project	Collaborating department/institution
1.	Comparative study between dexmedetomidine and dexamethasone adjuvant to levobupivacaine in ultrasound guided supraclavicular brachial plexus block scheduled for upper limb surgery	Anaesthesiology
2.	Prevalence, diagnosis and treatment of Non-tuberculous Mycobacteria in India: A Multicentric project".	Microbiology/Orthopaedics/Medicine

PUBLICATIONS

1. **Agrawal A. C.**(2018) Editorial: Why should we publish our work? Journal of Orthopaedics, The. 5:1;5.
2. **Agrawal A. C.**(2017) Proximal Femur Segmental Resection for the Management of Prosthetic Tip Fracture: An Innovative Procedure. JOTR. 9:2; 115-119.
3. **Agrawal A. C.**(2017) Single Bone Forearm for Chronic Osteomyelitis of Lower Third Radius. JOTR.9:2;124-126.
4. **Agrawal A. C.** (2017) recurrent giant cell tumour of the phalynx: A rare occurrence. JOTR .9: 59-61.
5. Agrawal A. C. (2018) Minimising complications in limb salvage for malignant bone tumours. Chikitsak .3:1; 2-6.
6. **Agrawal A. C, Sakale H.**(2017) Common Misconceptions and realities in the management of clubfoot. Chikitsak. 2:2; 25-28.
7. Akhtar M N, Barman R, Keshkar S, **Agrawal A C**, Dey N. (2017) Assessment of hip nutritional status in hip fracture patients. Indian Medical Gazette (Accepted).
8. Deshmukh G, Jadhav S, **Agrawal A C**, Raza H K T. (2018) Quadriceps v-y plasty in 28 year old male with congenital bilateral quadriceps contracture. Journal of Orthopaedics, The. 5:1;22-25.
9. **Sakale H, Agrawal A C**, Kumar A, Sahoo B, Jain A.(2018) Effectiveness of caudal Epidural steroid, injections in patients with chronic lumbar disc disease or degenerative spine. Journal of Orthopaedics, The. 5:1;58-62.
10. Keshkar S, Dalmia D, Lal S, Akhtar M N, Kisku L, **Agrawal A C.** (2018) Arthroscopic Assisted ACL reconstruction, 63 through trans - tibial tunnel using bone - patellar tendon - bone graft : Single incision technique. Journal of Orthopaedics, The.5:1; 63-65.
11. Akhtar M N, **Agrawal A C**, Keshkar S. (2018) Hypovitaminosis D in Fragility Hip Fracture Patients. Journal of Orthopaedics, The. 5:1;73-82.
12. **Sakale H. Agrawal AC, Singh A**, Sahoo B, Jain A.(2-17) Treatment of idiopathic clubfoot by Ponseti's method. JOTR. 9:1;25-28.
13. **H.Sakale, AC Agrawal , Bikram.KAR** Management of infected Non-union of Tibia by Ilizarov technique Accepted for Publication JOTR.
14. **Bikram KAR, AC Agrawal , H Sakale** Single stage quadruple osteotomy and fixation in Knee O deformity Accepted for Publication JOTR.

PATIENT CARE

ANNUAL REPORT FOR THE YEAR 2017-18 FROM APRIL 2017 – MARCH 2018

Month	OPD	Special Clinic	IPD (Admissions)	Major OT	Minor OT
April - 2017	1943	19	54	26	6
May- 2017	2280	20	41	25	6
June- 2017	2287	45	45	25	11
July- 2017	2829	63	49	32	1
August- 2017	2702	46	42	25	7
September- 2017	2354	42	48	29	
October- 2017	2386	24	44	26	2
November- 2017	2375	18	45	31	4
December- 2017	2207	7	32	23	
January- 2018	2038	7	32	25	1
February- 2018	2055	15	35	30	
March- 2018	2286	17	49	34	
Total-	27742	323	516	331	38

AWARDS, HONOURS AND SIGNIFICANT EVENTS

Awards

Name of Faculty Member: Dr. Alok C Agrawal

1. Indian Orthopaedic Association Special Appreciation Award for eminence as a medical teacher at National and International level-2017.
2. President's Gold Medal and Appreciation Award from Chhattisgarh Chapter of Indian Orthopaedic Association- January 2018 for excellence in Orthopaedic Education and exemplary work in the field of disability correction.

External Examiner:

- a. MBBS: AIIMS Patna
- b. M S Orthopaedics: N S C B Medical College, Jabalpur MP
- c. M S Orthopaedics: GMC Indore

Posts of responsibility:

1. Hon Secretary CGIOA
2. Chairman Oncology Section of IOA
3. Chairman IOA PG Quiz Committee
4. Quiz Master MPIOACON 2017 3rd to 5th November 2017 Pachmari, MP

Name of Faculty Member:

 Dr. Harshal S Sakale

1. Selected for BIOS-UK [British India orthopaedic society -2018 fellowships from Chhattisgarh State.
2. Completed fellowship in Arthroscopy and sport medicine from Sancheti hospital Pune Jan. 2018.



PAEDIATRICS

Additional Prof. & Head

Dr. Anil K. Goel
(w.e.f 14/10/2017)

Additional Professors

Dr. Tushar Jagzape

Associate Professors

Dr. Atul Jindal

Assistant Professor

Dr. Tripty Naik
(Joined on 27-06-2016)
Dr. Sunil Jondhale
(w.e.f 09/10/2017)
Dr. Phalguni Padhi

HIGHLIGHTS

Three new faculties has joined the existing department and presently the total strength is six including one neonatologist. The department has achieved the following goals in last one year

1. Organized a National level Paediatric Emergency Conference in March 17th and 18th 2018 at AIIMS, Raipur.
2. Introduced zero waiting time for newborn and late neonates.
3. Weekly academic activity on every Thursday {3-4 PM} [including JC] beside CPC with PGI Chandigarh every Monday morning.
4. Successfully started special clinics like Sickle Cell /adolescent/ Endocrine clinic in the afternoon hours in the OPD block.

EDUCATION

1. The department has successfully participated in internship induction programme and delivered lectures on “how to recognise a sick child in emergency” and hands on demonstration on Pediatric BLS course.
2. UG students were encouraged to undertake research projects under STS [ICMR] and one student`s project has been selected by ICMR for STS. Bedside teaching of common Paediatrics 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.	Workshop on Evidence Based Medicine,	AIIMS, Raipur	9th and 10th April, 2017
2.	Bronchoscopy workshop	AIIMS, Raipur	9th and 10th April, 2017
4.	ORS week celebration	AIIMS, Raipur	23rd July – 29 July, 2017
5.	Breast feeding week celebration	AIIMS, Raipur	1st Aug. – 7thAug, 2017
3.	Basic Life Support for interns	AIIMS, Raipur	23rd and 24th Jan, 2018
6.	National Conference on Paediatrics Emergency	AIIMS, Raipur	17th & 18th March, 2018

Patient Care

- The department is dedicatedly serving the patients both in OPD, IPD and emergency.
- The PICU and NICU has effectively discharged their responsibility and treated a sizable number of sick 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.

Lectures Delivered At CMES, National And International Conferences:

All faculty members were involved in different modules of RMA Training programmes throughout the year.

Name of Faculty Member : - Dr. Anil K. Goel

S.No.	Title of talk	Name of the CME/conference	Date	Venue	City
1.	Welcome address as organizing secretary	National Conference Pediatrics Emergency 2018	17th & 18th March 2018	AIIMS, Raipur	Raipur

Name of Faculty Member : - Dr. Tushar Jagzape

S.No.	Title of talk	Name of the CME/conference	Date	Venue	City
1	Role of Prebiotics and Probiotics in the management of diarrhoea, respiratory and other allergic disorders	5th National conference of Pediatric Association of India	16th December 2017	Hotel Grand Imperia, VIP Road	Raipur
2	Good Clinical Practices	Workshop on Good clinical Practices and Ethical Issues in Research Involving Human Subjects.	17th Feb 2018	Organized by Institute Ethics Committee, AIIMS,	Raipur
3	Benefit- Risk Assessment	Workshop on Good clinical Practices and Ethical Issues In Research Involving Human Subjects.	17th Feb 2018	Organized by Institute Ethics Committee, AIIMS,	Raipur

List of Oral Papers/Posters Presented

S.No	Authors	Title of presentation	Name of the conference	Date	Venue	City
1.	Tushar Jagzape, Vandana Kumari.	Bronchial asthma:Prevalence and risk factors among children in Urban population from Raipur, Chhattisgarh Bronchial asthma: Prevalence and risk factors among children in Urban population from Raipur, Chhattisgarh*-	55th National conference of IAP-Nagpur -PEDICON	5th January 2018	Suresh Bhat Auditorium,	Nagpur

Name of Faculty Member : - Dr. Atul Jindal

S.No.	Title of talk	Name of the CME/conference	Date	Venue	City
1.	Point of Care ECHO in Pediatrics	EMPART-2017 2017	5th June, Bhubhaneshwar	KIMS, Korba	Bhubhaneshwar
2.	Childhood Diarrhoea Respiratory disorders in Children Poisoning and Envenomation	AMO Training July, 2017	11-12th Korba	District Hospital,	
3.	Childhood Diarrhoea Respiratory disorders in Children Poisoning and Envenomation First Aid Basic Life Support Fever in Children	AMO Training August, 2017	24-26th Korba	District Hospital,	Korba
4.	Point of Care USG – RUSH Protocol	World Congress on Academics in Emergency Medicine 2017	13th National October, Hospital	Colombo, University	Sri Lanka
5.	Approach to comatose child in Pediatric Emergency	19th National Conference of Pediatric Intensive Care Chapter of India (NCPIC - 2017)	2nd–5th November	PGIMER Chandigarh	
6.	EEG Monitoring in PICU	19th National Conference of Pediatric Intensive Care Chapter of India (NCPIC - 2017)	2nd – 5th November	PGIMER	Chandigarh
7.	Clinical case Scenarios : HIE and Stroke	19th National Conference of Pediatric Intensive Care Chapter of India (NCPIC - 2017)	2nd – 5th November	PGIMER	Chandigarh
8.	Shared decision making in PICU involving families in therapy	19th National Conference of Pediatric Intensive Care Chapter of India (NCPIC - 2017)	2nd – 5th November	PGIMER	Chandigarh
9.	Shock in Emergency – Utilize the golden hour	SCOPE	2nd – 3rd December, 2017	AIIMS	Jodhpur
10.	Physics of Ultrasound And Knobology	SCOPE	2nd – 3rd December, 2017	AIIMS	Jodhpur

11.	USG Guided Central Lines	SCOPE	2nd – 3rd December, 2017	AIIMS	Jodhpur
12.	ABC and FAST by USG	SCOPE	2nd – 3rd December, 2017	AIIMS	Jodhpur
13.	Panel Discussion on Medicolegal Cases	SCOPE	2nd – 3rd December, 2017	AIIMS	Jodhpur
14.	Panel Discussion on Medicolegal Cases	SCOPE	2nd – 3rd December, 2017	AIIMS	Jodhpur
15.	POCQI Model QI Workshop		26th-27th December, 2018	AIIMS	Delhi
16.	ARDS	Advanced Ventilation Workshop, PEDICON 2018	3rd January, 2018		Nagpur
17.	PAPAYA Extracts in Dengue fever	PEDICON 2018	5th January, 2018		Nagpur
18.	Pump Evaluation by Point of Care USG	EPICON, 2018	14th February, 2018	Rainbow Children Hospital	Hyderabad, Telangana
19.	POCQI Model	Leadership Role in Quality Improvement and capacity Building in QI Skills	27th -28th March, 2018	AIIMS	Delhi

List of Oral Papers/Posters Presented

S.No	Authors	Title of presentation	Name of the conference	Date	Venue	City
1.	Jindal A, Shivpuri D, Nayak S	Clinical Profile and Complications of Scrub typhus in children admitted to PICU in a tertiary care hospital	4th SG-ANZICS	20-24th April, 2017	Suntec Singapore Exhibition and convention centre	Singapore
2.	Jindal A, Singhi S, Singhi P, Muralidharan J	Prospective Exploratory study of Amplitude Integrated Changes in Comatose Children with Acute CNS Infection	4th SG-ANZICS	20-24th April, 2017	Suntec Singapore Exhibition and convention centre	Singapore

Name of faculty member: - Dr. Tripty Naik

S.No.	Title of talk	Name of the CME/conference	Date	Venue	City
1.	RMA Training Module	RMA Training	22nd – 27th January, 2018	AIIMS	Raipur, Chhattisgarh

Name of faculty member: - Dr. Sunil Jondhale

S.No.	Title of talk	Name of the CME/conference	Date	Venue	City
1.	Triage in Paediatrics emergency	Post graduates - Guest lecture	06/10/2017	Topiwala National medical college	Mumbai
2.	Physiological changes during transition to adulthood	Invited talk at Refresher course in Education	02/01/2018	Pt Ravishanker Shukla University	Raipur

Name of faculty member: - Dr. Phalguni Padhi

S.No.	Title of talk	Name of the CME/conference	Date	Venue	City
1.	Neonatal Emergencies	PEMCON 2018 17th -18th	AIIMS, Raipur March, 2018	Raipur	
2.	Importance of thermo regulation in Neonates	Pediatrics Emergency Inauguration Chhattisgarh Chapter	17th March	Conference Hall 2018	Raipur M.L. Raipur

RESEARCH

Departmental Projects

Ongoing -

Name of faculty member: - Dr. Atul Jindal

S. No.	Title of the project
1.	Level of Fractional exhaled nitric oxide in children with asthma and obesity.
2.	Quality Improvement project to reduce thrombophlebitis in a tertiary care hospital.

Funded projects

Name of faculty member: -Dr. Tushar Jagzape

S.No.	Title of the project	Name of Principal Investigator	Funded by (Name of funding agency)	Duration (years)	Start year– End year	Total funds sanctioned (Rs)
1.	“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 AIIMS, Raipur.”	Dr. Tushar Jagzape	Intramural Grant by AIIMS, Raipur	1 year	Mar 2018	Rs 2,05,380/-.

Funded Project – Dr. Atul Jindal

S.No.	Title of the project	Name of Principal Investigator	Funded by (Name of funding agency)	Duration (years)	Start year– End year	Total funds sanctioned (Rs)
1.	Lung functions in Sickle cell disease patients. (PI)	Dr. Atul Jindal	SHRC	1 years	July 2017	5 lacs
2.	Association of fractional exhaled nitric oxide measurements with asthma in obese school - going children. (PI)	Dr. Atul Jindal	NIL	1 years	July 2017	
3.	A community based follow -up study of SNCU graduates	Dr. Atul Jindal	UNICEF	5 years	July 2017	2 Crore
4.	Design and evaluate interventions for early diagnosis of pediatric TB under RNTCP –	Dr Atul Jindal as Co-PI	ICMR			

Collaborative projects

Ongoing

Name of the faculty member – Dr. Tushar Jagzape

S. No.	Title of the project	Collaborating department/institution
1.	Prevalence of scrub Typhus and Leptospirosis in cases of Acute Febrile illness in a tertiary. Care institute in Central India: A Pilot study.	Microbiology

Name of the faculty – Dr. Tripty Naik

S. No.	Title of the project	Collaborating department/institution
1	Newborn Hearing Screening: A Hospital Based Project at AIIMS Raipur	ENT
2	Prevalence of Congenital Hypothyroidism and G6PD Deficiency in Newborns – APilot Study in a Tertiary Hospital in Chhattisgarh	Biochemistry

PUBLICATIONS

A. Name of the faculty member : - Dr. Anil K. Goel

1. Diffuse Neonatal hemangiomas presenting as congestive heart failure; Accepted for publication in Indian Journal of Child health.
List of abstracts published in journals.
▶ Recognition of sick child in emergency in Abstract of PEMCON 2018.

B. Name of the faculty member : - Dr. Tushar Jagzape

1. Jagzape A, **Jagzape T**, Deshpande V. Simple Visual Reaction Time in Sickle cell disease patients of Pediatric age group. National Journal of Physiology, Pharmacy and Pharmacology. 2017; 7(12): 1368-1370
2. Jagzape A T, Taksande A, Kulsange S, **Jagzape T**. Early Patient Contact: Exploring the horizons in Physiology. International Journal of Medical Science and Public Health. 2017; 6(7): 1220-1226
3. Jagzape A T, **Jagzape T**, Rawekar A. Patient-based Integrated teaching program with the inclusion of

psychomotor and affective domains. National Journal of Physiology, Pharmacy and Pharmacology. 2017; 7(8): 788-792


4. Jagzape A, **Jagzape T**, Pathak S. Medical Education Terminologies: Do they really percolate to the level of Medical Students? A survey. Journal of Clinical and Diagnostic Research. 2017; 11(9): JC01-JC05

C. Name of the faculty member : - Dr. Atul Jindal

1. Kashyap NK, **Jindal A**, Borkar NK, Wasnik M (2017) Primary Tuberculous Osteomyelitis of Rib in a child. J Clin Diagn Res 11(7): PD08-PD09.
2. Gade N, Negi SS, **Jindal A**, Gaikwad U, Das P, Bhargava A (2016). Dual Lower Respiratory Tract Infection by Burkholderia cepacia and Acinetobacter baumannii in a neonate: A case report. J Clin Diagn Res 10(10): DD01-DD03.
3. Borkar NK, Meshram R, **Jindal A**, Kashyap N, Mohanty D (2018). Spontaneous Rupture of a Congenital Diaphragmatic Eventration in an Infant. APSP J Case Rep:9(1);4.

Chapter in book

A. Dr. Tripty Naik -

S No.	Author(s) of chapter	Chapter title	Name of editor	Name of the book	Edition of publication	City	Publisher	Year of publication	First-Last page
1	Tripty Naik, second author	Sec 32.11. Strongyloidiasis	Gupta Piyush	PG Textbook of Pediatrics	Second	New Delhi	Jaypee Brothers medical Publishers Pvt. Ltd.	2017	

AWARDS, HONOURS AND SIGNIFICANT EVENTS

Name of the faculty member : - A. Dr. Tushar Jagzape

1. "Bronchial asthma: Prevalence and risk factors among children in Urban population from Raipur, Chhattisgarh." E-poster presented at PEDICON 2018 4-7th Jan 2018. Received 1st prize in Respiratory section.
2. Won trophy of Allergy Wizard in a quiz conducted at 2nd National level CME on Childhood Allergies organized at Sir Gangaram Hospital, New Delhi on 24th and 25th March 2018 by Division of Pediatric Emergency, Critical care, Pulmonology and Allergic Disorders, Institute of Child Health, Sir Gangaram Hospital, New Delhi.

List of Oral Papers/Posters Presented

S.No.	Title of work copyrighted	Name	Diary number & Year of awarding copyright
1.	Questionnaire for assessment of Awareness & Knowledge of the students regarding the terminologies in Medical Education	Dr. Arunita Tushar Jagzape, Dr. Tushar B Jagzape Date of Receipt: 25/02/2017	Diary no: 3912/2017-CO/L Reg no: L-68112/2017
2.	Module on Early Clinical Exposure in Physiology for Cardiovascular and Respiratory system.	Dr. Arunita Tushar Jagzape, Dr. Tushar B Jagzape Date of Receipt: 30/05/2017	Diary no: 8640/2017-CO/L Reg no: L-69529/2017
3.	Script of role play for history taking in Pediatrics in a case of congenital a cyanotic heart disease (CHD)	Dr. Tushar Jagzape, Dr. Arunita Jagzape Date of Receipt: 30/05/2017	Diary no: 8639/2017-CO/L Reg no: L-69168/2017

PAEDIATRIC SURGERY

Associate Professor
 Dr. Nitinkumar B Borkar
 Dr. Sunita Singh
 (w.e.f. 15/09/2017)

Name of faculty member: Dr Nitin Borkar

S.No.	Title of talk	Name of the CME/conference	Date	Venue	City
1.	Pediatric Emergency Ultrasound Workshop, Talk on IVC and E FAST	EMPART 2017	4 June 2017	Bhuvneshwar	
2.	Pediatric Emergency Ultrasound Workshop, Talk on IVC and E FAST	WACEM 2017	12 October 2017		Colombo Srilanka
3.	Pediatric Emergency Ultrasound Workshop, talk on Emergency USG of Liver, Kidney, Appendix	PEMCON 2018	2018,17-18 March	AIIMS	Raipur, C.G.

PUBLICATIONS

- Tambe SV, Rana KK, Kakar A, Aggarwal S, Aggrawal A, Kakar S, **Borkar N**. Clinical importance of duodenal recesses with special reference to internal hernias. Arch Med Sci. 2017 Feb 1;13(1):148-156.
- Nanda R, Patel S, Sahoo S, KashyapN, **Borkar N**, Mohapatra E. Can High Density Lipoprotein (HDL) Serve As A Marker Of Recovery Time In Cellulitis? International Journal of Recent Scientific Research Vol. 8, Issue, 6, pp. 17429-17433, June, 2017.
- Mohanty D, **Borkar N** Acceptance of Fibrin Glue Fixation in Lichtenstein Hernia Repair: a Faraway Dream. Indian J Surg. 2017 Apr; 79(2):178-179.
- Kashyap NK, Jindal A, **Borkar N** K, Wasnik M. Primary Tuberculous Osteomyelitis of Rib in a Child. J Clin Diagn Res. 2017 Jul; 11(7):PD08-PD09.
- Borkar N** B, Sahoo M, Kashyap N, Mohanty D. Hyperkeratotic plaque over the ankle. Indian Dermatol Online J 2017; 8:365-6.
- Borkar N** B, Meshram R, Jindal A, Kashyap N, Mohanty D. Spontaneous Rupture of a Congenital Diaphragmatic Eventration in an Infant. APSP J Case Rep. 2018. Jan - March.

Name of faculty member:- Dr Sunita Singh

Resource person

S.No.	Title of talk	Name of the CME/conference	Date	Venue	City
1.	Breast Cancer awareness program	Indian society of refrigerating and Air conditions engineers (ISHRAE)	May 2017	Community level (Harshit harmony, Tatibandh)	Raipur

RESEARCH

Completed in last year (2016-2017)

S.No.	Title of the project	Name of Principal Investigator	Funded by (Name of funding agency)	Duration (years)	Start year– End year	Total funds sanctioned (Rs)
1	Effectiveness of Breast and Cervical Cancer Awareness Program in changing the Knowledge, Attitude and Practice of Educated Women in Raipur	Dr Sunita Singh	None	One year	Started on Feb 2017- finished 25-4-17	Nil

PUBLICATIONS

1. **Singh S**, Wakhlu A, Ahmad I, Srivastava NK. The Laparoscopic Assisted Duhamel Pull through Procedure for Hirschsprung's Disease: Our Technique and Short Term Results. J Pediatr Neonatal Care. J Pediatr Neonatal Care 2017, 7: 00281-85.
2. Ahmed I, **Singh S**, Arora RK. Hydrocephalous recurrence and intestinal obstruction due to giant CSF Pseudocyst. Doi: 10.1007/s00381-018-3722-0 Child Nervous System 2018.
3. Abraham J, **Singh S**, Joshi S. Liquid biopsy - emergence of a new era in personalized cancer care. Applied Cancer Research. 2018; 38:4.
4. Srivastava NK, **Singh S**, Mohanty D, Hussain N. Pelvic mass with pulmonary metastasis: A rare differential with newer trends in their management. Indian J Case Reports. 2017; 3:169-170.

PATIENT CARE

The Department is providing superspeciality services at out door clinics (3000 patients/ in last year) and approximately 100 pediatric/ neonatal patients underwent surgical procedure.

PATHOLOGY AND LABORATORY MEDICINE

Additional Professor & Head

Dr Nighat Hussain

Associate Professor

Dr Amit Bugalia

Assistant Professors

Dr Vandita Yogendra Singh

Dr Hemlata Panwar

(relieved on 28/07/2017)

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 Immunohistochemistry, Flow cytometry, HPLC, Coagulation and Frozen section were started.

EDUCATION

An exhaustive under-graduate curriculum has been designed for 2nd year MBBS and MD students. 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. A comprehensive Practical manual book including Hematology/ Clinical Pathology & Histopathology practicals for MBBS students was published.

Lectures Delivered At CMES, National And International Conferences

List of oral papers/posters presented

S. No.	Authors	Title of Presentation	Name of Conference	Date	Venue	City
1.	Dr Vandita Singh	“Thyroid FNACs- Blind spots in various categorization system” (Oral Paper)	APCON-2017	6 th to 9 th Dec 2017	Gandhi Medical College, Bhopal.	Bhopal

Departmental Projects (Including Thesis/Dissertations)

Ongoing

S. No.	Title of the project
1.	Clinicopathological profile of Thyroid Swellings at a Tertiary Care Centre in Central India.
2.	Clinicopathological profile of Salivary gland Swellings at a Tertiary Care Centre in Central India.
3.	Clinicopathological profile of oral squamous cell carcinoma at a Tertiary Care Centre in Central India.
4.	Study of the pattern of breast malignancies with the help of immunohistochemical staining for estrogen receptor, progesterone receptor, Her-2-neu, p53 and Ki-67.
5.	Spectrum of Haemoglobin disorders in Antenatal care patients at a Tertiary Care Centre in Chhattisgarh, India.

Completed

S. No.	Title of the project
1.	Spectrum of Haemoglobin disorders by HPLC and Haematological Profile of Sickle Cell Disease in Paediatric Patients at a Tertiary Care Centre in Chhattisgarh, India. – paper submitted for publication.

Collaborative projects

Ongoing

S. No.	Title of the project	Collaborating department/institution
1.	Comparison of the diagnostic value of PAP smear, visual inspection methods and colposcopy in detection of preinvasive lesions of the cervix.	Obstetrics and gynaecology
2.	The role of hysteroscopy in the diagnosis of endometrial hyperplasia.	Obstetrics and gynaecology
3.	Study of Sperm DNA Fragmentation by Simple Sperm Chromatin Dispersion Test in Semen of Male Partner of Infertile Couples.	Anatomy
4.	Prevalence of MTHFR polymorphism and its importance in patients of Sickle Cell Disease and trait in Chhattisgarh: A pilot study.	Biochemistry
5.	Assessment of clinico-histological profile of breast lumps.	Gen. Surgery
6.	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.	Microbiology
7.	To Analyse the complete blood count and high performance liquid chromatography of the sickle cell disease patient for estimation of irreversibly sickled red blood cells.	Transfusion Medicine
8.	Evaluation of prevalence of HPV in Head and Neck malignancies.	Otorhinolaryngology
9.	The role of Bcl2 as the prognostic marker of Premalignant lesions of cervix.	Obstetrics and gynaecology

RESEARCH

Ongoing

S. No.	Title of the project
1.	“Rapid On Site Evaluation (ROSE) –role, significance and applicability in Fine Needle Aspiration Cytology from various sites and amongst difference competency groups.
2.	Development of manual peripheral blood smear review criteria for complete blood counts on an automated hematology analyser.
3.	Correlation of reticulocyte count on flow cytometer with reticulocyte count on an haematology analyser using fluorescence method.
4.	Role of breast ultrasonography in predicting the accurate tumor dimension and its impact on staging and management of breast carcinoma- A recent concept.

Completed

S. No.	Title of the project
1.	Diagnostic utility of Fine Needle Aspiration Cytology in the evaluation of palpable breast lesion at a tertiary care center in central India with IAC standardised reporting system.

PUBLICATIONS

Williams, J., Nagarkar, N.M., Metha, R., Sutpute, S., **Bugalia A.** et al. A Rare Presentation of Rhinosporidiosis. Indian J Otolaryngol Head Neck Surg. 2017

Gupta Y, Gahine R, **Hussain N**, Memon MJ. Clinico-Pathological Spectrum of Ophthalmic Lesions: An Experience in Tertiary Care Hospital of Central India. J Clin Diagn Res 2017 Jan; 11(1):EC09-EC13.

Memon MJ, Gahine R, **Hussain N**, Gupta Y. Influence of glucose-6 phosphate dehydrogenase (G6-PD) deficiency upon clinico-haematological and biochemical expression of patients with sickle cell disease. Int J Adv Med. 2017 Apr;4(2):573-580.

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(1):38-40.

Srivastava NK, Singh S, Mohanty D, **Hussain N**. Pelvic mass with pulmonary metastasis: A rare differential with newer trends in their management. Indian J Case Reports. 2017;3(3):169-170.

Santosh T, **HemlataPanwar**, NeerajShrivastava, **Vandita Singh** and **Nighat Hussain**. *World Journal of Pathology* 2017, 6:12

Santosh T, **Panwar H**, **Bugalia A**, **Singh VY**, **Hussain N**. Incidental cytodiagnosis of microfilaria from subcutaneous nodule. Natl Med J India 2017; 30:241.

Srivastava NK, Singh S, Kashyap N, **Singh VY**, Mohanty D. Thoracic wall tumor: A rare presentation of common disease. Indian J Case Reports. 2017.

Prabha N, Arora R, Chhabra N, Joseph W, **Singh VY**, Satpute SS, Nagarkar NM. Disseminated Cutaneous Rhinosporidiosis. *Skinmed*16 (1):63-65 • February 2018

PATIENT CARE

Specialised investigations like immunohistochemistry, flow cytometry, HPLC and frozen section facility were started.

Periodical clinicopathological correlation (CPC) meetings with other clinical departments are being organised which helps in better work up of cases further benefitting patient care.

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

Departments	No. of investigations/ cases during this period
Haematology	64,863
Clinical Pathology	16,484
Cytopathology	4,301
Histopathology	2,430

PHARMACOLOGY

Professor and Head

Dr. S. P. Dhaneria

Additional Professor

Dr. Nitin Rewaram Gaikwad

Assistant Professor

Dr. Yogendra Narayanrao Keche

HIGHLIGHTS

- ÷ Department of Pharmacology organized a CME on Research Methodology on 01.04.2017 for faculty and senior residents.
- ÷ Organized a Research Methodology Course for Post Graduate Students (PG- Junior Resident – July Session 2017) of the institution Saturday, 11.11.2017 and 20.01.2018.
- ÷ Organized Workshop on Good Clinical Practices and Ethical issues in Research involving Human Volunteers at AIIMS, Raipur and Balaji Hospital, Raipur.
- ÷ Prepared a Module (Bilingual – English and Hindi) on ADR Profile of Albendazole and its Management [अल्बेंडाजोल के प्रतिकूल प्रभावों (ए.डी. आर.) की जानकारी एवं उनका प्रबंधन] for National Deworming Day observed on 10th February 2018 and this module was circulated to all Mission Directors, National Health Mission, Govt. of India and to 250 ADR Monitoring Centres across the Country.
- ÷ Sensitized 637 participants like Nursing Staff, Pharmacists, Doctors and General Public in 12 different training workshops conducted on Pharmacovigilance.

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.

Fourteen (14) Second MBBS students and six (06) Second Year B. Sc. (Hons) Nursing students secured distinction in Pharmacology in their respective final examination.

Department of Pharmacology also started Post Graduate Course (MD-Pharmacology) with a grant of three (03) PG seats intake per annum. One PG students joined MD-Pharmacology course in July 2017 session and two students joined this course in January 2018 session.

Orientation programme on Pharmacovigilance for Doctors (3 occasions), Nursing Officers (9 occasions), and Pharmacists (3 occasions) and school children (1 occasion) were conducted by the department.

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	Venue	City
1.	Experimental Studies: Randomized and non-randomized controlled trials	CME on Research Methodology	01.04.2017	AIIMS, Raipur	Raipur
2	Legal and Ethical issues in studies involving human subjects	CME on Research Methodology	01.04.2017	AIIMS, Raipur	Raipur
3.	÷ Basic principles of modern pharmacology ÷ Pharmacovigilance ÷ Drug interaction	National CME for Teachers of Dravyaguna	June 2017	Government Ayurved College, Raipur	Raipur
4	Need of Rational use of Antibiotic (Symposium on Where does antibiotics stand today?)	1 st Annual National Conference of Association for Medical Updates	02.09.2017	Gitanjali Medical College and Hospital, Udaipur, Rajasthan	Udaipur
5	Experimental Studies: Randomized and non-randomized controlled trials	Research Methodology Course for Post Graduate Students (July 2017 Session)	11.11.2017	AIIMS, Raipur	Raipur
6	Pharmacovigilance in special populations	Advance Level Training on Pharmacovigilance cum Coordinators meeting for the state M.P. & C.G.	17.11.2017	AIIMS Bhopal	Bhopal
7	Ethical and Legal aspect of Clinical Trials	9 th Annual Conference of Indian Society for Rational Pharmacotherapeutics (ISRPT)	19.11.2017	Jawaharlal Nehru Medical College, Aligarh Muslim University	Aligarh
8	Legal and Ethical issues in studies involving human subjects	Research Methodology Course for Post Graduate Students (July 2017 Session)	20.01.2018	AIIMS, Raipur	Raipur
9	Study Designs (including clinical trial phases)	Workshop on Good Clinical Practices and Ethical issues in Research involving Human Volunteers	20.01.2018	Balaji Hospital, Mowa Raipur	Raipur

10	Ethical and Legal Issues	Workshop on Good Clinical Practices and Ethical issues in Research involving Human Volunteers	03.02.2018	Balaji Hospital, Mowa Raipur	Raipur
11	Study Designs (including clinical trial phases)	Workshop on Good Clinical Practices and Ethical issues in Research involving Human Volunteers	17.02.2018	AIIMS, Raipur	Raipur
12	Ethical and Legal Issues	Workshop on Good Clinical Practices and Ethical issues in Research involving Human Volunteers	17.02.2018	AIIMS, Raipur	Raipur
13	Rational Pharmacotherapeutics	35 th National Workshop on Clinical Pharmacology (NWCP)	14.03.2018	PGIMER, Chandigarh	Chandigarh

Name of faculty member: Dr. Nitin Rewaram Gaikwad

S. No.	Title of Talk	Name of the CME/conference	Date	Venue	City
1.	Analytical studies: Case-control, Cohort, Cross-sectional studies	CME on Research Methodology	01.04.2017	AIIMS, Raipur	Raipur
2	How to design Informed Consent Document (ICD)	CME on Research Methodology	01.04.2017	AIIMS, Raipur	Raipur
3	Analytical studies: Case-control, Cohort, Cross-sectional studies	Research Methodology Course for Post Graduate Students (July 2017 Session)	11.11.2017	AIIMS, Raipur	Raipur
4	Informed Consent Document	9 th Annual Conference of Indian Society for Rational Pharmacotherapeutics (ISRPT)	19.11.2017	Jawaharlal Nehru Medical College, Aligarh Muslim	Aligarh
5	How to design Informed Consent Document (ICD)	Research Methodology Course for Post Graduate Students (July 2017 Session)	20.01.2018	AIIMS, Raipur	Raipur
7	Ethics Committee: Roles and Responsibilities	Workshop on Good Clinical Practices and Ethical issues in Research involving Human Volunteers	03.02.2018	Balaji Hospital, Mowa Raipur	Raipur
	Informed Consent Document	Workshop on Good Clinical Practices and Ethical issues in Research involving Human Volunteers	03.02.2018	Balaji Hospital, Mowa Raipur	Raipur

7	Ethics Committee: Roles and Responsibilities	Workshop on Good Clinical Practices and Ethical issues in Research involving Human Volunteers	17.02.2018	AIIMS, Raipur	Raipur
	Informed Consent Document	Workshop on Good Clinical Practices and Ethical issues in Research involving Human Volunteers	17.02.2018	AIIMS, Raipur	Raipur

Name of faculty member: Dr. Yogendra Narayanrao Keche

S. No.	Title of Talk	Name of the CME/conference	Date	Venue	City
1	Descriptive Studies: Case Report, Case Series, Surveillance	CME on Research Methodology	01.04.2017	AIIMS, Raipur	Raipur
	How to design a Case Record/Report Form (CRF)	CME on Research Methodology	01.04.2017	AIIMS, Raipur	Raipur
2	Descriptive Studies: Case Report, Case Series, Surveillance	Research Methodology Course for Post Graduate Students (July 2017 Session)	11.11.2017	AIIMS, Raipur	Raipur
	How to design a Case Record/Report Form (CRF)	Research Methodology Course for Post Graduate Students (July 2017 Session)	11.11.2017	AIIMS, Raipur	Raipur
3	Good Clinical Practices	Workshop on Good Clinical Practices and Ethical issues in Research involving Human Volunteers.	03.02.2018	Balaji Hospital, Mowa Raipur	Raipur

List of oral papers/posters presented

Name of faculty member: Dr. Yogendra Narayanrao Keche

S. No.	Authors	Title of Presentation	Name of Conference	Date	Venue	City
1.	Dr. Y. N. Keche Dr. N. R. Gaikwad Dr. S. P. Dhaneria	Paper – Preventability, Predictability severity and casualty assessment of Adverse Drug Reactions reported from teaching hospital in Chhattisgarh	Indian Pharmacological Society's conference, IPSCON 2017	14.02.2018 to 17.02.2018	NMIMS University Mumbai Maharashtra	Mumbai

RESEARCH

Funded projects

Ongoing

S. No.	Title of the Project	Name of Principal Investigator	Funded by (Name of 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)	1 year	2017-18	

PUBLICATIONS

Dr. S. P. Dhaneria

- ÷ Clinical Practice Audit of Perioperative Antimicrobial Prophylaxis in a Tertiary Care Hospital: Do Routine Academic Activities Improve Adherence to Practice Guidelines? Reviews on Recent Clinical Trials, 2017,12,59-64
- ÷ Assessment of nonsteroidal anti-inflammatory drug use pattern using World Health Organization indicators: A cross-sectional study in a tertiary care teaching hospital of Chhattisgarh. Indian J Pharmacol 2017;49:445-50.

Dr. N. R. Gaikwad

- ÷ Assessment of nonsteroidal anti-inflammatory drug use pattern using World Health Organization indicators: A cross-sectional study in a tertiary care teaching hospital of Chhattisgarh. Indian J Pharmacol 2017;49:445-50.
- ÷ Modalities to monitor the treatment response in tuberculosis. Indian J Tuberculosis. 2018; 65:109-117.

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 center to National Coordinating Center (April 2017 to March 2018): 102.
- ÷ Dr. Nitin Gaikwad under guidance of Dr. S. P. Dhaneria prepared a Module (Bilingual – English and Hindi) on ADR Profile of Albendazole and its Management [vYcsaMktsky ds izfrdqyizHkkoksa ¼,-Mh- vkj-½ dh tkudkj ,oamudkizca/ku] for National Deworming Day.
- ÷ Dr. S. P. Dhaneria (Coordinator, ADR Monitoring Centre) and Dr. Nitin Gaikwad (Co-coordinator, ADR Monitoring Centre) conducted 12 training programmes on Pharmacovigilance for Health Care Professionals and general public.

AWARDS, HONOURS AND SIGNIFICANT EVENTS

- ÷ Dr. S. P. Dhaneria was invited as Mentor in Department of Pharmacology at Shri B. M. Medical College under B.L.D.E. University Vijayapura, Karnataka on 10.04.2017 and 04.11.2017.
- ÷ Dr. S. P. Dhaneria was awarded Certificate of Excellence for his contribution in the field of Excellence in Medical Teaching by Times of India on 04.08.2017.
- ÷ Dr. S. P. Dhaneria was invited as Guest of Honour in 1st National Conference of Association for Medical Updates held on 02nd and 03rd September 2017 at Gitanjali Medical College and Hospital, Udaipur, Rajasthan.
- ÷ Dr. S. P. Dhaneria was invited as expert for meeting on Medical Education at IIT, New Delhi on 17.09.2017.
- ÷ Dr. Nitin Gaikwad promoted as Additional Professor in Pharmacology.
- ÷ Dr. Nitin Gaikwad elected as “Chhattisgarh State Representative” of Indian Society for Rational Pharmacotherapeutics.
- ÷ Dr. Yogendra Keche elected as “Executive Member” of Indian Society for Rational Pharmacotherapeutics.

OTHER ACADEMIC ACTIVITIES

- ÷ Dr. S. P. Dhaneria chaired a scientific session on Oral Paper Presentation at 9th Annual Conference of Indian Society for Rational Pharmacotherapeutics (ISRPT) at Jawaharlal Nehru Medical College, Aligarh Muslim University, Aligarh.
- ÷ Dr. S. P. Dhaneria attended state conference of Chhattisgarh Association of Medical Microbiologist CGMICROCON 2017 at AIIMS Raipur from 16.09.2017 to 17.09.2017.
- ÷ Dr. Nitin Gaikwad attended workshop on How to practice Evidence Based Medicine at AIIMS Raipur from 09.04.2017 to 10.04.2017.
- ÷ Dr. Nitin Gaikwad attended workshop on Basic Methods in Biostatistics at AIIMS Raipur on 28.06.2017.
- ÷ Dr. Nitin Gaikwad attended state conference of Chhattisgarh Association of Medical Microbiologist CGMICROCON 2017 at AIIMS Raipur from 16.09.2017 to 17.09.2017.
- ÷ Dr. Nitin Gaikwad attended training programme on Implementation of NABH Accreditation Clinical Trial (Ethics Committees) at Bangalore from 22.09.2017 to 23.09.2017.
- ÷ Dr. Yogendra Keche attended workshop on How to practice Evidence Based Medicine at AIIMS Raipur from 09.04.2017 to 10.04.2017.
- ÷ Dr. Yogendra Keche attended workshop on Basic Methods in Biostatistics at AIIMS Raipur on 28.06.2017.
- ÷ Dr. Yogendra Keche attended state conference of Chhattisgarh Association of Medical Microbiologist CGMICROCON 2017 at AIIMS Raipur from 16.09.2017 to 17.09.2017.

PHYSIOLOGY

Professor & Head
Dr. Ramanjan Sinha

Additional Professors
Dr. Meenakshi Sinha
Dr. Avinash Ingle

Associate Professor
Dr. Ekta Khandelwal
Dr. Jayshri Ghate

HIGHLIGHTS

Post-graduate course (MD-Physiology) started. The department since inception has registered the maximum number of MBBS student projects including five in the 2017-18 by faculties including ICMR-STs, culminating in paper publications while formulating PG thesis protocols utilising latest equipments. Faculties are engaged in research with several ongoing Intramural and extramural projects which addresses the thrust areas of Chhattisgarh health including collaboration with local universities. Besides, they have lent their expertise towards training students of NIT Raipur & faculties from other Medical colleges through organising National CME & workshop and also, acted as advisors to set up latest

research facilities in local universities. Patient care was addressed effectively by the functioning Autonomic & Vascular Function Clinic, while the Clinical Exercise Physiology Laboratory is being set up in hospital premises to address to patient care and research in collaboration with clinical departments. Besides, faculty expertise on Nerve-conduction and EMG is being extended to clinical departments on requested referrals. The faculty also contributed towards social/institutional causes through Swacchata Pakhwara, holding yoga & lifestyle activities, etc. Besides, our faculty was selected to represent Chhattisgarh in National Veterans Table-Tennis Championship and remains committed to various sporting activities.

EDUCATION

Innovative teaching & Assessment methods <i>(most are only being held at AIIMS, Raipur among all the central Indian Institutes)</i>	Framing and implementation of Continuous Assessment tools for MBBS and MD Student Seminars and PG practicals. Innovative teaching using Ultrasonography as a tool. Framing four types of MCQ (Single response, Multiple Response, Reason-Assertion, Problem based), maintaining Question Bank with Item analysis, Framing and conduction of Objective Structured Practical Examination (OSPE)
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Lectures Delivered At CMES, National and International Conferences

Name of faculty member: Prof. R. Sinha

S. No.	Title of Talk	Name of the CME/conference	Date	Venue	City
1.	Resource faculty on EEG: Acquisition & Analysis	National CME cum Workshop "Basic Neurophysiological	July 7, 2017	AIIMS, Raipur	Raipur

Name of faculty member: Dr. Meenakshi Sinha

S. No.	Title of Talk	Name of the CME/conference	Date	Venue	City
1.	Invited lecture on 'Applied Physiology of Occupational Respiratory Disorders'	National Conference on Occupational Respiratory Disorders at Dept of Physiology,	April, 2017	RIMS, Raipur	Raipur
2.	Resource faculty and CME lecture on 'EEG: Acquisition & Analysis'	National CME cum Workshop "Basic Neurophysiological Techniques	July 2017	AIIMS, Raipur	Raipur
3.	Expert talk on 'Electroencephalography'	CME cum Workshop on Neurophysiology	September 2017	IGGMC, Nagpur	Nagpur
4.	Invited speaker on 'Chronobesity : Rhythm disturbances in Energy imbalance'	International Conference of FIPSPHYSIICON	November, 2017	University of Delhi	Delhi
5.	Resource faculty and lecture on 'Simulation based learning.	Workshop on Simulation based learning.	28 - 29 November, 2017	AIIMS, Raipur	Raipur
6.	Lecture on 'Motor development in different stages of growth'	Refresher course in education for teachers program	02 January, 2018	Human Resource Development centre Pt. R.S.S. University	Raipur
7.	Resource faculty and invited lecture on 'Structural & functional enigma of Pineal Gland'	National Workshop – Trends and Techniques in Chronobiology”	March, 2018	School of Life Sciences, PRSU	Raipur
8.	i) Small & Large group teaching' ii) 'Educational Taxonomy'	2nd Faculty sensitization workshop of MEU	March, 2018	AIIMS, Raipur	Raipur

Name of faculty member: Dr. Avinash S. Ingle

S. No.	Title of Talk	Name of the CME/conference	Date	Venue	City
1.	Microteaching & co-scholastic abilities	1 st MEU workshop session	June 2017	AIIMS, Raipur	Raipur

Name of faculty member: Dr. Ekta Khandelwal

S. No.	Title of Talk	Name of the CME/conference	Date	Venue	City
1.	Resource faculty and CME lecture on Neural aspects of meditation	State level yoga seminar	21 June, 2017	AIIMS, Raipur	Raipur
2.	CME Lecture: Autonomic function testing & advances	CME cum Workshop on Basic Neurophysiological techniques	7 July 2017	AIIMS, Raipur	Raipur
3.	Guest Lecture: Cardiovascular autonomic recovery response to metaboreflex	Workshop on new horizons in exercise in health	04 – 05 August, 2017	Shri Venkateswara University	Tirupati
4.	Invited Lecture: An insight to metaboreflex	FIPSPHYCIOCON-2017	05 – 07 November, 2017	DIPAS	New Delhi

Name of faculty member: Dr. Jayshri R. Ghate

S. No.	Title of Talk	Name of the CME/conference	Date	Venue	City
1.	Nerve conduction studies & Electromyography	CME cum Workshop on Basic Neurophysiological techniques	7 July 2017	AIIMS, Raipur	Raipur

RESEARCH

Funded Projects

Ongoing

S. No.	Title of the Project	Name of Principal Investigator	Funded by (Name of 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 Lakhs
2.	Association of serum vitamin D status with somatic and autonomic neuropathy in Prediabetics'	Dr. Jayshri Ghate	AIIMS Raipur (Intramural)	1 year	2018-2019	5 Lakhs
3.	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 Lakhs

**Departmental Projects (Including Thesis/Dissertations)
Ongoing**

S. 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.
2	Neurocognitive correlates of Polycystic Ovarian Syndrome.
3	Alteration in Neural and cognitive status in Asthmatic patients.
4	Influence of body composition parameters on exercise performance in obese adult males; a cross sectional study.
5	Effect of hyperoxia and hypoxia on Heart Rate Variability in adult obese individuals.

Completed

S. No.	Title of the project
1	Correlation of Body Mass Index with the neuropsychiatric changes in young adult individuals
2	Alteration of Heart Rate Variability during post exercise recovery and its correlation with physical fitness in young healthy individuals
3	Cardiovascular Autonomic Response to Graded Activation of Metaboreflex
4	Physiological effects of lateral passive oscillatory movements of lower limbs in raised supine position in obese adults.

**Collaborative projects
Ongoing**

S. No.	Title of the Project	Collaborating department/institution
1.	Predictors of Cardiovascular risk in Chronic Obstructive Pulmonary Disease (COPD) Patients (Extramural)	Deptt. of Pulmonary Medicine, AIIMS, Raipur and Deptt of Anthropology & Regional Studies, PRSU, Raipur.
2.	Effect of psychological intervention on psychological and physiological status of type 2 diabetic patients (Ph.D.thesis)	Deptt 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)	Deptt 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	Differential modulation of cardiac autonomic rhythm during different yogic posture	Department of Anatomy, AIIMS Raipur
6	Assessment of baseline autonomic functions in cancer patients.	Department o Radiation Oncology, AIIMS Raipur.

PUBLICATIONS

1. Papers Published In Journals

- ÷ RVMV P, **Sinha M, Ghate J & Sinha R**. Resting and post exercise Heart Rate Variability in preobese individuals: a comparative study. Sent for publication in Asian Journal of Medical Sciences, March 2018.
- ÷ **Khandelwal E**, Khandalwal O. Short term Heart rate variability in healthy Neonates. Perinatology 2017; 18:56-61.
- ÷ **Khandelwal E**. An insight to orthostatic hypotension Physiological Perspective. Chikitsak 2017; 2:2-8.
- ÷ **Khandelwal E**. A Deeper insight into metaboreflex. Chikitsak 2018; 3:16-18.

2. List of Abstracts Published In Journals

- ÷ **Khandelwal E**. Roll of heart rate variability & pulse wave analysis quantify subclinical autonomic dysfunction in cancer patient. Proceedings of 28th International symposium on autonomic nervous system. 01 – 04 November, 2017, Florida.
- ÷ RVMV Prasad, **Sinha M, Ghate J & Sinha R**. Effect of increased Body Mass Index on resting and post exercise Heart Rate Variability. Connaissance April 21, 2018 at JIPMER, Puducherry.
- ÷ 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 April 21, 2018 at JIPMER, Puducherry.

PATIENT CARE

÷Autonomic and Vascular Function Testing Clinic Faculty In-Charge: Dr Ekta Khandelwal: Total No of Patients tested = 183.



PSYCHIATRY

Associate Professor
Dr. Lokesh Kumar Singh

Assistant Professor
Dr. SucharitaMandal

HIGHLIGHTS

Dr. Lokesh Kumar Singh worked as principal investigator cum nodal officer for the state of Chhattisgarh in the National Mental Health Survey (NMHS), MoHFW, Govt. of India (GOI) funded project conducted in 12 states of India. He chaired 2 scientific sessions at the 70th Annual National Conference of Indian Psychiatric Society held in Ranchi, Jharkhand from 4th to 8th February, 2018. He was an invited attendee at two Workshops conducted by State Planning Commission, Chhattisgarh for the formulation of the state policy for disabled persons as per RPWD ACT-2016 held on 14.11.2017 and 13.12.2017. He was the master trainer for the state of Chhattisgarh in Regional Training of Trainers in survey funded by Ministry of Social justice and Empowerment, govt. of India titled , 'National Survey on extent and pattern of substance use in India' conducted by AIIMS, New Delhi from 31.10.2017 to 4.11.2017.

Dr. SucharitaMandal conducted a symposium on 'Emergence of Psychiatry as Science of Mind' at the National conference for Social Psychiatry, Guwahati between 17.11.17 and 19.11.17. She chaired 2 scientific sessions in the National conference. She

conducted a community awareness programme on 'Mental health at work place' at Krishna Public School, Raipur on 14.03.2018. The department organized awareness activity on occasion of world health day from 5th to 7th April 2017 including a "Flashmob" by medical students, radio show on topic of 'Depression, let's talk'. We organized series of Workshop in IIM, Raipur, AIIMS, Raipur & Pt. Ravishankar University, Raipur on topic of "Mental Health at Workplace" on the occasion of World Mental Health Day, 2017. We also participated in web sessions of virtual knowledge network weekly programme organized by National Institute of Mental Health and Neuroscience, Bengaluru.

EDUCATION

- The department conducts clinical teaching activities in Psychiatry as part of MBBS/ BSc Nursing academic curriculum, where emphasis is laid on establishing rapport with patients and guardian during their interactions and to be able to empathize with the state of mind of patients.
- Proposal to start MD course in Psychiatry is under consideration.

Lectures Delivered At CMES, National and International Conferences as Invited Speaker

S.No	Name of Faculty	Title of talk presentation	Name of the conference	Date	Venue	City
1.	Dr.Sucharita Mandal	Mental health and Yoga	State level yoga seminar	21.06.17	AIIMS	Raipur
2.	Dr. Lokesh Kumar Singh Dr.Sucharita Mandal Dr. Sharda Singh Dr. Supriya Mahant	Mental health at work place	World Mental Health Week celebration	25.09.2017	IIM	Raipur
3.	Dr. Lokesh Kumar Singh	Mental health at work place	World Mental Health Week celebration	07.10.17	Pt. Ravishankar Shukla University	Raipur
4.	Dr. Lokesh Kumar Singh Dr.Sucharita Mandal Dr. Sharda Singh Dr.Supriya Mahant	Mental health at work place	World Mental Health Week celebration	10.10.2017	AIIMS	Raipur
5.	Dr.Sucharita Mandal	Emergence of Psychiatry as Science of Mind	National conference for Social Psychiatry	17.11.17 19.11.17	Guwahati medical college	Guwahati-
6.	Dr. Lokesh Kumar Singh	Psychological wellbeing in college going students	'1st Professional Development Training' for faculty members of TEQIP-III	14.12.17 to 18.12.17	IIM	Raipur
7.	Dr.Sucharita Mandal	Mental health at work place	Community awareness program	14.3.18	Krishna Public School	Raipur

RESEARCH

On-going projects

S.No.	Title of the project	Name of Principal Investigator	Duration	Start year–End year
1.	Sexual dysfunction in alcohol dependant individuals	Dr. Sucharita Mandal	6 months	2018

PUBLICATIONS

1. **Singh LK**, Nizamie SH, Tikka SK. Sleep architecture and EEG power spectra in recently detoxified alcohol dependent patients. *Asian J Psychiatry* 2018 Feb; 32:126-136. doi: 10.1016/j.ajp.2017.12.005. Epub 2017 Dec 9.
2. Sahu MK, **Singh LK**, Singh S. Follow-up pattern of psychiatry patients in tertiary care centre of Central India. *Journal of evolution of medical and dental science*. 2017;6(37):2987-2989, DOI: 10.14260/Jemds/2017/644.

PATIENT CARE

In patient care/supportive activities include information regarding:

(a) Facilities available in the department

- Management of major psychiatric disorders including adult psychiatry, child psychiatry, geriatric psychiatry, substance use disorders, psychosexual disorders- In-patient/ Out-patient basis
- Consultation –liaison psychiatry
- 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.

Department Statistics: (from April 1st 2017 to March 31st 2018)

Total Psychiatry OPD	10064
Total Clinical Psychology OPD	402
Total Child Psychology OPD	242
Special Clinic (Every Monday, Thursday)	2295
Total	13003

Total Psychiatry IPD	373
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PULMONARY MEDICINE AND TUBERCULOSIS

Associate Professor

Dr. Ajoy Behera

Assistant Professor

Dr. Ranganath.T.G

(w.e.f. 16/03/2018)

Dr Dibakar Sahu

(w.e.f 25/09/2017)

HIGHLIGHTS

- The Department of Pulmonary Medicine is running daily OPD along with Indoor and Emergency services round the clock.
- Special clinic that is Asthma and Allergy clinic is running by the department in which Computerized Lung Function Test (Spirometry) with Inhalation Device Demonstration & Nebulization therapy was given to the patients.
- The department also organized World COPD Week, World TB Week to sensitize regarding newer guidelines among all students (MBBS, B.Sc. Nursing), Staff, Residents, Faculties and also organized mega health camp for the benefit of patients.
- 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 core committee meeting is also conducted regularly.
- The department also giving special counseling to MDR & XDR TB patients & sleep disorders like OSA (Obstructive Sleep Apnea) patients.
- Regular clinical and theory classes for MBBS & B.Sc. Nursing Students are also running.
- The department also organize special health camp for poor and high risk population those who are exposed to environmental pollution.

EDUCATION

- Teaching: Theory & clinical classes of MBBS & B.Sc. Nursing students periodically posted in the department.
- For MBBS students 20 theory classes and 106 hours clinical training was given.
- For B.Sc. Nursing Students 119 hours clinical training was given.
- 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/Symposia/National and International Conferences

Lectures Delivered at CMEs, National and International Conferences

Name of faculty member : Dr. Ajoy Kumar Behera

S.No.	Title of talk	Name of the CME/conference	Date	Venue	City
1	Integrated Management of Lung Diseases	Management of Lung Diseases with SHRC(State Health Resource Centre)	8.04.17 to 9.04.17	AIIMS	Raipur
2	CME on Research Methodology	Research Methodology	1.04.17	AIIMS	Raipur
3	Occupational Respiratory Disorders	National Conference on Occupational Respiratory Disorders	21.04.17 To 22.04.17	RIMS	Raipur
4	Basic Bronchoscopy	Workshop on Basic Bronchoscopy	27.07.17	Kolkata	Kolkata
5	Skeletomuscular Tuberculosis	Symposium on Skeletomuscular Tuberculosis	30.04.17	AIIMS	Raipur
6	Interventional Pulmonology with Hands on Workshop	VIP SUMMIT	6.08.17	KRIMS Hospital	Nagpur
7	CG MICRON-2017	CG MICRON-2017	16.09.17 to 17.09.17	AIIMS	Raipur
8	Advanced Sleep Disorders	Advanced Sleep Medicine-2017	1.09.17 to 2.09.17	Ahmadabad	Ahmadabad
9	Environmental Pollution Control	Workshop on Occupational Lung Diseases	20.09.17	Ministry of Environment Govt. of India, New Delhi	New Delhi
10	Strengthening TB Programme	Health care Summit	23.10.17	Raipur	Raipur
11	Newer guidelines of RNTCP (Daily Regimen)	Zonal Task Force Workshop	7.12.17 to 8.12.17	Patna	Patna
12	Brnchocon-2018	Brnchocon-2018 23rd National Conference	9.02.18 to 11.02.18	Coimbatore	Coimbatore
13	RNTCP -Daily regimen DOTS	RNTCP Workshop	26.03.18	AIIMS	Raipur
14	Sleepcon-2018	Sleepcon-2018	31.03.18 to 01.04.18		Puri, Odissa

List of Oral Papers/Posters Presented

S.No	Authors	Title of presentation	Name of the conference	Date	Venue	City
1	Dr. Ranganath T.Gangaet all	Role of Omalizumab in ABPA not responding to systemic steroids	51th ICAAICON 2018	15th-18th March 2018	KGMU	Lucknow

RESEARCH

- Predictors of cardio vascular risk in Chronic Obstructive Pulmonary Disease(COPD) patients.
- Development of automated Lung sound-based system for diagnosis of COPD (Chronic Obstructive Pulmonary Disease)

PUBLICATIONS

- **Behera A.K.**, Narayan Mishra(2016)
Interesting case of Iatrogenic Haemothorax
JEMDS.Vol.5/Issue-54/Page no:3700-3701/July 2016

PATIENT CARE

A. Facilities available in the department.

1. OPD Services – Daily OPD
Total no of patients- 11813
2. IPD Services - Admitted patients
Total no of patients- 211
3. Special clinic - Asthma and Allergic clinic
Total no of patients- 19
4. Total PFT (Pulmonary function Test)-1269
5. Nebulization - 431
6. Special Health Camp on
 - a. Occupational Respiratory Diseases at Jamul (28/05/2017)-100
 - b. Swine Flu Screening Camp (5/08/2017) – 11
 - c. World COPD Day (15-11-17)-220
7. RNTCP – Total no of slide examined-967
Total no of positive cases – 106
Total no of patients put on DOTS15th November 2017- 93
1. Special counselling and screening for sleep disorder patients -29.

B. Community Services/Camps etc.

1. A Special screening and awareness camp for Swine Flu was organized on dated 5th August 2017 in Raipur Airport among CISF jawans by the department of Pulmonary Medicine.
2. A Special screening and awareness camp was organized among high risk population i.e. occupational exposure to Cement factory in Durg district i.e. Jamul cement factory on dated 28th May 2017.
3. A special COPD Mega Health Camp was organized on the occasion of World COPD Week with high risk exposure group i.e. Raipur Nagar Nigam safaikarmachari on dated 15th November 2017 in the department of Pulmonary Medicine.

AWARDS, HONOURS AND SIGNIFICANT EVENTS

1. Organized special mega health camp on occasion of World COPD day.
2. Organized special mega health camp for screening of occupational lung diseases in remote areas like Jamul for poor patients.
3. Committee member of National Environmental health profile study in state of C.G.

WORLD COPD DAY-2017



RADIODIAGNOSIS

Professor & Head

Dr Narendra Kuber Bodhey

Assistant Professor

Dr Saroj Kumar Pati

(*w.e.f.* 04/10/2017)

Dr Naveen Kumar

(*w.e.f.* 13/09/2017)

HIGHLIGHTS

The department finished the installation of its equipments by March 2017 and was inaugurated by the honourable Director Dr Nitin M Nagarkar on 20.3.2018. It started functioning in its full capacity in April 2017 in the new block B and B1. All the equipments were installed and started functioning. The state of the art equipments that started functioning in addition to the existing ones in the trauma building were

1. Doppler USGs
2. Biplane Digital Subtraction Angiogram
3. 256 slice MDCT (in addition to previously installed 128 slice CT)
4. 3 Tesla MRI system
5. Digital Radiography (1000 mAs)
6. Digital Mammography system
7. Digital OPG

With the addition of the Digital subtraction unit, the Interventional Radiology suite has become functional during this year. Catheter based procedures for vascular interventions are now made available.

The major units of Interventional Radiology Suite (Biplane DSA) and 256 slice CT were dedicated to the public by **Honorable Cabinet Minister of Health & Family Welfare, Govt of India Shri J P Nadda on 28th of August 2017**. He inspected all the installations and admired the state of the art installations. He also went through the interventional radiology – angioplasty and tumor embolisation cases in the DSA lab.

Two faculties also joined in September and October 2017.

The first candidate of MD radiology joined in the January 2018 session.

EDUCATION

Undergraduate

23 hours teaching is done for MBBS students.

CMEs/Workshops/Symposia/National and International Conferences

Roentgen Day celebration with 4th anniversary celebrations of rendering of departmental services – in LT-4, of AIIMS Raipur on 8th November 2017.

Lectures delivered at CMEs, National and International conferences

Name of Faculty Member: **Prof Dr Narendra Bodhey**

S. No.	Title of Talk	Name of the CME/conference	Date	Venue	City
1.	Guest Lecture & Inaugural Address as a Medical Expert on Medical Image Processing	STTP on Medical Image and Signal Processing – III, organised by, dept of Electrical Engineering and dept of Computer Applications of NIT	22-27 th May 2017	National Institute of Technology	Raipur
2.	Judge of the Preferred Paper session for Residents	Annual Conference of the Chhattisgarh Chapter of Indian Radiology and Imaging Association December 2017, Raipur	December 2017	Hotel Ambrosia, Raipur	Raipur
3.	Key Note Address: Recent Research Areas Of Computer Technology In Medical Practices	National Conference of BIT CON 2018, Organised by Bhilai Institute of Technology, Durg.	15 th February 2018	Bhilai Institute of Technology	Durg

Dr Naveen Kumar attended the following conferences

1. Annual Conference of Chhattisgarh Chapter of Indian Radiology and Imaging Association, in december 2017 at Raipur
2. 17th Asian Oceanian Congress of Radiology and 71st National Conferenc of the Indian Radiological and Imaging Association.

Dr Saroj Kumar attended the following conferences

1. Annual Conference of Chhattisgarh Chapter of Indian Radiology and Imaging Association, in December 2017 at Raipur.

PATIENT CARE

In addition to the previous patient care services through the equipment in the trauma building, further the essential patient care services were rolled out by the department of Radiodiagnosis in this financial year. Intially the services were provided by the only faculty available in the department and later joined by two more assistant professors.

The total numbers of investigations done are as under:

1. Xrays – 22360
2. MRI - 445
3. Mammography – 54
4. USG with Doppler - 3052

5. DSA – 82
6. Digital OPG – 1008
7. Portable Xrays – 1442
8. Procedures with image guidance -95

The hall mark of the department was the **introduction of interventional radiology services** through its Interventional radiology suite equipped with the state of the art Biplane Digital subtraction angiography unit.

The department performed 82 DSA procedures and 95 image guided procedures with a total of 131 opd registrations under the department of Radiology.

AWARDS, HONOURS AND SIGNIFICANT EVENTS

Dr Narendra Bodhey

1. Editor: Cardiovascular Imaging Section of the journal “Frontiers in Medicine”
2. Reviewer on the American Journal of Roentgenology
3. Reviewer on the Indian Journal of Radiology and Imaging
4. Reviewer on the Annals of Indian Academy of Neurology.
5. Reviewer on the Annals of Cardiac Anaesthesia
6. Co-editor of the News letter of Indian Society of Cardiac Imaging (ISCI)



RADIO THERAPY

Associate Professor
Dr. Siddhartha Nanda

EDUCATION

- Senior Resident: Hands on training of Senior Resident regarding management of Oncology patients which includes OPD management, in patient management and clinical training.
- 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.

RESEARCH

Collaborative projects

Ongoing

S. No.	Title of the project	Collaborating department/institution
1	"PROFILE OF CARDIOVASCULAR AUTONOMIC DYSFUNCTION IN BREAST CANCER PATIENTS"	Department of Radiotherapy and Department of Physiology

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

PATIENT CARE

Day Care facility

- We treated a total of 1693 patients in the current year.
- 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.
- We also provide supportive care.
- Pain management is also done for terminally ill patient.

AWARDS, HONOURS AND SIGNIFICANT EVENTS

- 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
- Invited Faculty for Chairing a session on Palliative Radiotherapy at Conference on Perils and Practice of Reirradiation at MGCH& RI held at Vizag.
- Member of Vibhagiya Rashtrabhasha Karyasamiti of AIIMS, Raipur.

TRANSFUSION MEDICINE & BLOOD BANK

Associate Professors

Dr. Sankalp Sharma
Dr Ramesh Chandrakar
(w.e.f.17/10/2017)

Assistant Professor

Dr Minal Wasnik
(w.e.f. 01/09/2017)

HIGHLIGHTS

- a. The Department revised its array of Standard Operating Procedures and Blood Bank requisition forms for the impending Blood Bank inspection for Blood Components, Plasma-Apheresis and Peripheral Blood Stem Cells.
- b. Hospital Transfusion Committee meetings with recommendations involving approval of mandatory nucleic acid testing for the ELISA indeterminate Blood donor.
- c. Voluntary Blood Donation Camps for Blood Bank,
- d. Increase the panel of testing at Blood Bank with Platelet Rich Plasma and Platelet Rich fibrin to the list of Blood Bank Investigations.

protocol/curriculum for post-graduate course in Department of Transfusion Medicine and Blood Bank to the academic section.

(b) Attended conferences and Training Programs

1. Internal Auditor Training Program for International ISO Standard 15189-2012,
2. Annual Pre-conference workshop and conference (International Society of Transfusion Medicine) ISTM,
3. Pre-conference workshop on Meta-analysis and GIS Mapping,
4. Work-shop in Biostatistics,
5. Infection Control Practices(work-shop)
6. Sensitisation towards Revised National Tuberculosis Control Program.
7. Basic Operational Principle Training for Single Donor Platelet (SDP) (Terumopenpol)
8. CME in Organ Donation & Tissue Transplant.

EDUCATION

- (a) The Department has successfully submitted the

CMEs/Workshops/Symposia/National and International Conferences

Name of faculty member: Dr Sankalp Sharma

List of oral papers/posters presented:

S.No	Authors	Title of presentation	Name of the conference	Date	Venue	City
1.	Sankalp Sharma (First Author); K Sahu ; S Lehre	To analyse the complete blood count and high performance liquid chromatography of a sickle cell disease patient for estimation of irreversibly sickled red blood cells.	27th Regional Congress of the ISBT	17th to 21st June 2017	Bella Center	Copenhagen; Denmark

RESEARCH

Departmental projects (including thesis/dissertations)

Ongoing

S. No.	Title of the project
1.	“To formulate a baseline threshold of Hemoglobin /Hematocrit in a population for the intention of prophylactic or a therapeutic intervention in the form of RBC Blood Transfusion”-A Retrospective Observational study. *(Research Committee Approval Pending)

Collaborative projects

Ongoing

S. No.	Title of the project	Collaborating department/institution
1.	“Comparative study between supraclavicular nerve block versus platelet-rich plasma injection in treatment of adhesive capsulitis of shoulder joint.”	Department of Orthopedics AIIMS Raipur.

Completed

S.No.	Authors	Title of Presentation	Name of the Journal	Citation Details
1	Sankalp Sharma (First Author); K Sahu; S Lehre	To analyse the complete blood count and high performance liquid chromatography of a sickle cell disease patient for estimation of irreversibly sickled red blood cells.	Vox Sanguinis	Vox Sanguinis 2017; International Society of Blood Transfusion; Vox Sanguinis (2017) 112 (Suppl1), 5-295

PUBLICATIONS

Protocol Published in PROSPERO

International prospective Register of Systematic Reviews : Dr Sankalp Sharma

S.No.	Author(s) of Protocol	Chapter title	Name of the book	Protocol for of a systematic review	City publication	Publisher	Year of publication	First-Last page
1	Protocol for a systematic review and Meta-analysis	Register ID CRD420170-65456	PROSPERO International prospective Register of systematic reviews	Factors influencing the transmission of infections during the pre-testing phase in high , middle and low income countries	University of York York, UK	National institute of Health Research	2017	Annexure attached

List of Reviewed Journals:

S.No.	Reviewer	Name of the Journal	Edition	Publisher
1.	Nine Review Assignment	Indian Journal of Hematology and Blood Transfusion	ISSN:0971-4502 Journal No.12288	Springer official Journal of Indian Journal of Hematology and Blood Transfusion
2.	Review Assignment only	Annals of Pathology and Laboratory Medicine	Index(IC) Value (ICV2016) 74.20	Pacific Group of e-Journals PaGe)

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 e.t.c.

1. Preparation of inspection of Blood Bank for Blood Components, Plasmapheresis and Peripheral Blood Stem Cells.
2. Submission of Technical specification for the modification (construction) of the Main Blood Bank at AIIMS Raipur; at A-1 Block at AIIMS Raipur to the Project Cell, AIIMS Raipur.(Ref. Letter No.54(8013)SE-AIIMS/RPR/5364; copy attached)
3. Coordinating Blood donation camp activity for the Department of Transfusion Medicine and Blood Bank AIIMS Raipur.
4. Registered with Hemovigilance of India with routine reporting of Donor and Patient Transfusion reactions; Blood Bank registered with EQAS Transfusion Module.
5. Delegate at interdepartmental initiatives such as Infection control practices and RNTCP sensitization program organized at AIIMS Raipur.

AWARDS, HONOURS AND SIGNIFICANT EVENTS

- Dr Sankalp Sharma is a member secretary of Hospital Transfusion Committee and member Sickle Cell Committee. The committee is involved in improving management of Sickle Cell Patients at AIIMS Raipur.



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

Overview -

The Institute has an excellent Central Library spanned over 3 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. We have 30 Computers system at present in e- library section. More than 7000 medical and nursing books and about 500 books on general topics, 54 bound Journals and 40 Magazines are available in the library. The library has been using TLSS (Total Library Solution Software) for Library Automation. OPAC (On-Line Public Access Catalogue) service available for library users. Wi-Fi internet facility is available in all three floors of the library. Library also provides Remote access facility for accessing e-resources inside as well as outside the campus.

Central Library Services

- Bibliographic Services
- Circulation Services
- Reference Services
- New Paper Clipping Services
- Book Reservation Service
- Books Exhibition Service
- User Awareness Programs

OPAC (On-Line Public Access Catalogue)

service -The Central Library Online Public Access Catalogue (OPAC) allows users to search the entire catalogue online, conveniently and quickly, using one or more search criteria. One can search the OPAC by author, title, keywords, class number or one or more of these combined together.

The audio-visual materials are in CD/VCD/CD ROM/DVD formats and are available to the users free of charge.

Books Classification is done according to the 23rd edition of the Dewey Decimal Classification Scheme.

News Paper Clipping Service - The Central Library maintains a collection of press cuttings on Medical subjects of interest and institution related news. Central Library provides press cuttings for the year 2012 to till date.

Celebrate National Library Week - Central Library organized Essay Writing Competition on the occasion of National Library Week on 14th November 2017.

User Training Programme- Central Library organized every year User Training Programme for Library users for using E-Resources, Library services.

Conferences /Seminars/Training Programme attended by Staff :

- Miss. PushpalataBhalla, Librarian Grade-1 attend National Seminar organized by National Medical Library on ERMED Consortia: Role of Medical Librarianship on 7th April 2017 at New Delhi.
- Mrs. Rashmi Sharma, Librarian Grade-1 attend National Seminar organized by National Medical Library on ERMED Consortia: Role of Medical Librarianship on 7th April 2017 at New Delhi.
- Miss. PriyaChhabra, Librarian Grade-3 attend National Seminar on Access & Availability of Medical Literature in Electronic Environment on 8th June 2017 at AIIMS Delhi.
- Miss. PushpalataBhalla, Librarian Grade-1 attend and Present a paper National Seminar on Role of Libraries in Promoting Quality Education and Research at National Institute of Technology, Raipur on 8th – 9th November 2017.
- Mrs. Rashmi Sharma, Librarian Grade-1 attend and Present a paper in National Seminar on Role of Libraries in Promoting Quality Education and Research at National Institute of Technology, Raipur on 8th – 9th November 2017.

INSTITUTE ETHICS COMMITTEE



1. IEC Structure

Sr. 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	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	Associate Professor Department of Obstetrics and Gynaecology AIIMS, Raipur	Add.: 302, Jainam Planet, Block – C, Tatibandh, Raipur M. No.: +91 8518881742 Email: drprasant79@gmail.com	Male
4	Dr. Sabah Siddiqui	M.B.B.S. M.D. (General Medicine)	Member	Associate Professor Department of General Medicine AIIMS Raipur	Add.: Department of General 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	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	Retired District Session Judge Raipur (C.G.)	Add.: Plot No –7/1, Radhika Nagar, Behind Supela Thana, Supela, Bhilai, Distt - Durg (C.G.) M. No.: +919981928050 Email: pradeepkumardave@gmail.com	Male
7	Dr. Bhagwant Singh	M.A. Ph. D. (PGDY)	Member	Professor and Head Department of Philosophy and Yoga Pt. Ravishankar Shukla University, Raipur	Add.: 'Raghukul', 271-B, Sector – 2, Pt. DeenDayal Upadhyay Nagar, Raipur (C.G.) M. No.: +919893410919/ +91 7000599512 Email: profbsingh57@yahoo.com	Male
8	Mrs. Prabha Minj	M.A.B. Ed.	Member	Principal Kendriya Vidyalaya No – 2, DDU Nagar, Sector – IV, Raipur	Principal, Kendriya Vidyalaya No – 2, DDU Nagar, Sector – IV, Raipur Ph. No.: 9424201468 Email: raipur2kv@gmail.com	Female

Sr. No.	Name	Qualification	Designation in IEC	Affiliation to Institute	Address, Phone No. and Email	Gender
9	Mrs. Jyoti Chakraborty	M.Sc. (Chemistry) M. Ed.	Member	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	Sr. Sushila Kerketta	B.A. B.Ed. MSW, MBA (HR)	Member	Director, JMJSSS Society of Jesus Marry Joseph	Add.: Bharatmata Higher Secondary School, G. E. Road, Tatibandh, Raipur (C.G.) M. No.: 9131034484/ 8109541430, LL No.: 0771-4025301(R)/0788-4039140 (O) Email: sushila.jmj@gmail.com	Female
11	Dr. Tushar B. Jagzape	M.D. M. Phil. H.P.E. DAA (CMC-Vellore)	Member Secretary	Associate Professor, Department of Pediatrics, AIIMS, Raipur	Add.: 302, Type 5A, AIIMS Residential Complex, Kabir Nagar, Raipur M. No.: 9421783796 Email: tusharjagzape@aaimsraipur.edu.in	Male

The term of first IEC got over on 31st December 2017. Hence the IEC was reconstituted. The registration of IEC was valid till 27th February 2018.

Application for re-registration has been submitted through SUGAM portal on 28.02.2018 and the application is under review by CDSCO.

2. 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
Total	133	118	00	03	08	-

*05 revised project from year 2016-17 reviewed in year 2017-18.

04 student projects and 01 faculty project.

3. IEC MEETINGS HELD DURING 2017-18

3.1. Total no. of full board meeting held during 2017-18: Four (04) and One (01) Workshop.

3.2. Details of meetings held

Date of Meeting	No. of research projects reviewed	Approved	Rejected	Exemption	Terminated	Sent for revision
11.04.2017	34 (33 new, 01 revised)	26	00	02	05	01
05.08.2017	05 (05 revised)	01	00	00	00	04
01.12.2017	31 (28 new, 03 revised)	30	00	00	00	01
28.03.2018	10 (08 new, 02 revised)	09	00	00	00	01

3.3. IEC decision on projects reviewed during 2017-18 (as on 31.03.2018)

Total no. of project reviewed (New)	69
Total no. of project reviewed (Revised)	11
Total no. of project approved	62
Total no. of project Exempted	02
Total no. of project rejected	00
Total no. of project for revision	03*

3.4. Status (Ongoing/Completed/Terminated) during 01.04.2017 to 31.03.2018

Total no. of ongoing projects (as on 31.03.2018)	83*
Total no. of completed projects	06 (38)
Total no. of Terminated	06 (9)
Total no. of projects sent for revision	01 (3)
Total no. of projects	133

* Including those which were previously approved.
- Number in bracket indicates the cumulative figure.

3.5. Details of approved research projects during 2017-18 (as on 31.03.2018)

Total no. of funded projects (Extramural projects)	04
Total no. of funded projects (Intramural projects)	12
Total no. of academic projects	48

3.5.1. Details of approved Extramural funded projects

Total no. Pharmaceutical industry sponsored projects	00
Total no. Government agency sponsored projects	04

3.5.2. Details of Academic projects

Total no. undergraduate research projects (including ICMR-STs)	28 (7 funded by ICMR)
Total no. Faculty research projects (Investigator initiated)	20

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

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

4. Department-wise research projects approved in the year 2017-18

Sr. No.	Departments	No. of Projects
1	Anaesthesiology	01
2	Anatomy	02
3	Biochemistry	05
4	Community & Family Medicine	02
5	Dermatology	01
6	ENT	03
7	Microbiology	07
8	Obstetrics & Gynaecology	06
9	Ophthalmology	01
10	Pathology & Lab Medicine	01
11	Paediatrics	03
12	Pharmacology	01
13	Physiology	06
14	Psychiatry	03
15	Pulmonary Medicine	02
16	Nursing	12
17	Radiotherapy	01
18	Surgery	02
19	Forensic Medicine & Toxicology	01
20	General Medicine	01
21	Orthopaedics	02
22	Cardiology	01
	Total	64*

*Approval granted during 01.04.2017 to 31.03.2018.

5. IEC Office Address

Institute Ethics Committee, Department of Pharmacology, Room No. 2219, 2nd Floor, South Wing, Medical College Complex, Gate No. 5, All India Institute of Medical Sciences, Tatibandh, GE Road, Raipur-492 099 (CG) Email: iec@aiimsraipur.edu.in