आरोग्यम् सुख सम्पदा

13th ANNUAL REPORT

2024-25



ALL INDIA INSTITUTE OF MEDICAL SCIENCES, RAIPUR

(AN AUTONOMOUS INSTITUTE UNDER THE MINISTRY OF HEALTH AND FAMILY WELFARE, GoI)

सत्यमेव जयते



श्री जगत प्रकाश नड्डा
SHRI JAGAT PRAKASH NADDA
माननीय केंद्रीय मंत्री
Hon'ble Union Minister
स्वास्थ्य एवं परिवार कल्याण व रसायन एवं उर्वरक, भारत सरकार
Health & Family Welfare and Chemicals & Fertilizers, Government of India



श्री प्रतापराव जाधव
Shri Prataprao Jadhav
माननीय राज्य मंत्री (स्वतंत्र प्रभार)
आयुष मंत्रालय
Hon'ble Minister of State (Independent Charge)
Ministry of Ayush
व
and
माननीय राज्य मंत्री
स्वास्थ्य एवं परिवार कल्याण मंत्रालय, भारत सरकार
Hon'ble Minister of State
Ministry of Health & Family Welfare, Government of India



श्रीमती अनुप्रिया पटेल
Smt. Anupriya Patel
माननीय राज्य मंत्री
Hon'ble Minister of State
स्वास्थ्य एवं परिवार कल्याण व रसायन एवं
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(AN AUTONOMOUS INSTITUTE UNDER THE MINISTRY OF HEALTH AND FAMILY WELFARE, GOVERNMENT OF INDIA)



13th ANNUAL REPORT 2024-25

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AIIMS RAIPUR AT A GLANCE- 2024-25

Academic Details

(a) AIIMS Strength

1.	Teaching Departments	40
2.	Faculty Members (a) Medical (b) Nursing	198 (a) 192 (b) 06
3.	Non- Faculty Staff	3378

(b) Students Intake (FY 2024-25)

Medical Students	125
Nursing Students	75

Hospital Services

Hospital/ Centre	Outpatients (including Casualty)	Admissions	Surgery (Operations/ Procedures)	Bed General
Main Hospital	9,64,671	50,459	Major 12,717 Minor 8,578	960

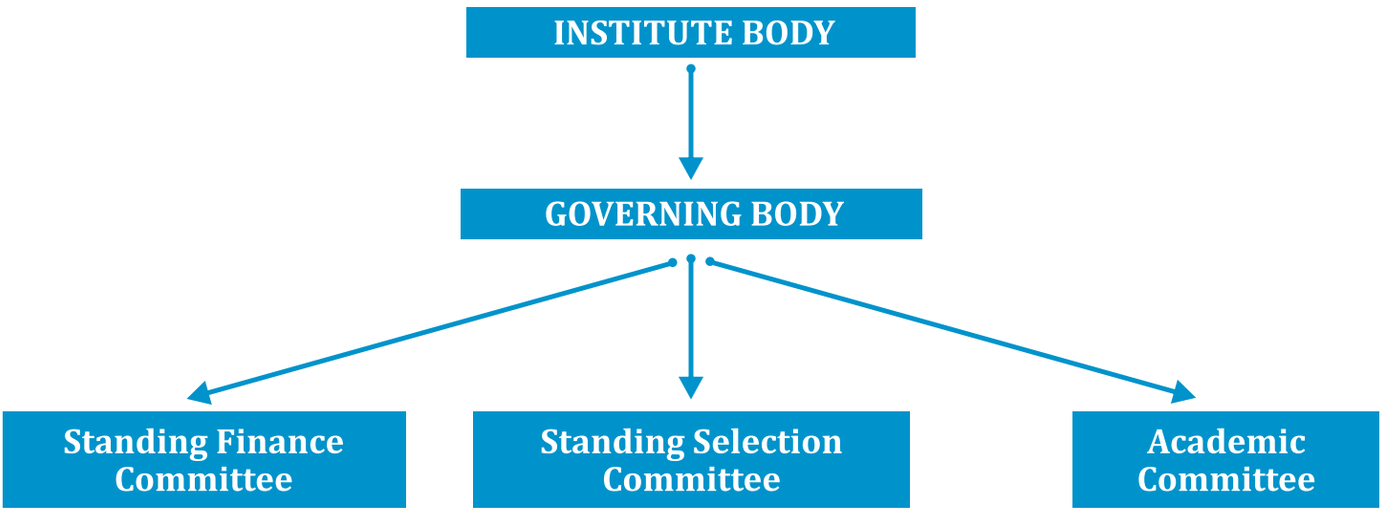
CONTENTS

1.	Director's Review	7
2.	The Institute and its Committees	10
3.	Academic and Examination Section	15
4.	Administration	23
	a. Public Relations	24
	b. Recruitment Cell	24
	c. Rajbhasha Cell	25
	d. Security	28
5.	Finance & Accounts	30
6.	Engineering Section	31
7.	Hospital and Department of Central Medical Records	35
8.	Department of Medical Education Unit	38
9.	College of Nursing	41
10.	Department of Anatomy	71
11.	Department of Anesthesiology	75
12.	AYUSH	91
13.	Department of Biochemistry	100
14.	Department of Burns and Plastic Surgery	113
15.	Department of Cardiology	116
16.	Department of Cardiovascular and Thoracic Surgery	120
17.	Department of Clinical Haematology	124
18.	Department of Community & Family Medicine	126
19.	Department of Dentistry	142
20.	Department of Dermatology	155
21.	Department of Endocrinology & Metabolism	165
22.	Department of ENT & Head Neck Surgery	174
23.	Department of Forensic Medicine & Toxicology	186
24.	Department of Surgical Gastroenterology	194

25.	Department of General Medicine	197
26.	Department of General Surgery	221
27.	Department of Medical Oncology	230
28.	Department of Microbiology	233
29.	Department of Neonatology	252
30.	Department of Neurology	257
31.	Department of Neurosurgery	261
32.	Department of Nephrology	269
33.	Department of Nuclear Medicine	281
34.	Department of Obstetrics & Gynaecology	287
35.	Department of Ophthalmology	298
36.	Department of Orthopedics	309
37.	Department of Paediatric Medicine	321
38.	Department of Pediatric Surgery	338
39.	Department of Pathology and Lab Medicine	343
40.	Department of Pharmacology	359
41.	Department of Physical Medicine & Rehabilitation	381
42.	Department of Physiology	386
43.	Department of Psychiatry	401
44.	Department of Pulmonary, Critical Care & Sleep Medicine	412
45.	Department of Radiodiagnosis	422
46.	Department of Radiation Oncology	437
47.	Department of Transfusion Medicine & Blood Bank	443
48.	Department of Trauma & Emergency	449
49.	Department of Urology & Renal Transplant	460
50.	Central Library	465
51.	Institute Ethics Committee	466
52.	Institute Research Cell	473
53.	Internal Complaints Committee (ICC)	478
54.	School of Public Health	479
55.	Anti-Tagging Committee	484
56.	Annual Accounts and Audit Report for the FY 2024-25	487

आरोग्यम् सुख सम्पदा

AIIMS - ORGANISATIONAL STRUCTURE



DIRECTOR'S REVIEW



It gives me immense pleasure to present the Annual Report of the All India Institute of Medical Sciences, Raipur, for the year 2024–25. This year has been a testament to our unwavering commitment to excellence in patient care, medical education, and research innovation.

AIIMS Raipur has made significant strides in expanding and enhancing its infrastructure, clinical services, and academic programs. Our dedicated faculty, staff, and students have worked tirelessly to uphold the institute's mission of delivering holistic, affordable, and high-quality healthcare to the people of Chhattisgarh and neighboring districts of Odisha, Maharashtra, Madhya Pradesh, Jharkhand and Uttar Pradesh.

We have continued to strengthen our academic framework by adopting competency-based medical education, introducing new postgraduate and super-specialty programs, and fostering a culture of continuous learning. Currently, the Institute admits 125 MBBS and 75 B.Sc (Hons.) Nursing students per year, MD/MS/MDS in 28 disciplines have intake of 161 seats, including 4 sponsored seats, Super Specialty courses DM/MCh in 23 disciplines have intake of 69 seats, including 22 sponsored seats, PDCC courses in 19 disciplines have intake of 51 seats including 11 sponsored seats, PhD courses in 10 disciplines have intake of 20 seats, MPH has intake of 10 seats including 4 sponsored seats from Chhattisgarh state Government, M. Sc (Nursing) has intake of 10 seats and Allied Health Courses have intake of 37 seats per year. We are the first Institute in India to offer a DM course in Medical and Forensic Toxicology and Paediatric Emergency Medicine.

On the clinical front, AIIMS Raipur has seen a notable increase in patient footfall, indicating the growing trust in our healthcare services. The Institute has been providing all the designated OPD services and IPD care with 960 beds in various specialty and super-specialty departments. Online services for patient registration, billing, discharge and record-keeping are in place. The Institute is among the first Institutes of National Importance to start the facility of Ayushman Bharat. 34333 patients have been benefitted under the Ayushman Bharat in the year 2024. The Institute is ranked 2nd among the top Government facility in linking health records with Ayushman Bharat Health Account (ABHA) and 3rd Top facility in generating Scan and Share

tokens.

Various specialty and super specialty departments are equipped with high-end machinery. The Institute has state-of-art Simulation Lab which imparts training to the undergraduate and postgraduates. In house diagnostics facilities are available for patients. High end surgeries including organ transplants are being performed. The Cardiology department has extended their services by starting Second Cath Lab. The Institute has also conducted the first narcoanalysis test in the state of Chhattisgarh.

It is a matter of great pride that the Department of Biochemistry in AIIMS Raipur has become the 1st government laboratory in Chhattisgarh to receive NABL accredetition under ISO 15189:2022 standards. It is also only the second Institute amongst all other AIIMS, including AIIMS, New Delhi to achieve this feat.

AIIMS Raipur is conducting Special Clinics of various departments and AYUSH services. Sickle cell Specialty Clinic was started in AIIMS Raipur on 23 November 2017. Sickle cell disease patients receive a Sickle cell card in AIIMS Raipur. Public awareness, screening, and CME programs are being conducted by the sickle cell committee regularly. Till now, 1143 Adults and 682 Paediatric patients with sickle cell disease have been enrolled in the sickle cell clinic of AIIMS Raipur.

The State Centre of Excellence for patients with severe acute malnutrition has been established in AIIMS Raipur by the Department of Paediatrics with the support of State Government and UNICEF. It gives me immense pleasure to inform that our efforts have helped in bringing down malnutrition rate (under nutrition) from 31% (NFHS-5) to 12.9% (Poshan Tracker Sept 2024). We have supported the enrollment of more than 1,20,000 children with SAM and MAM in the programme. Tele-monitoring and tele-mentoring of 466 NRCs have resulted in improvement of cure rate from 68% to 80% in last one year.

The Cochlear Implant program, in collaboration with the State Government under the scheme of Mukhya Mantri Bal Shravan Yojna, is being provided free of cost for needy and eligible children below the age of 5 years.

Under the 100 days NIKSHAY NIRAMAYA Campaign, 23867 NIKSHAY enrollment were done.

AIIMS Raipur received special commendation from the Chhattisgarh State Government for its work on Chronic Kidney Disease of Unknown Origin a problem largely prevalent in the State..

It is very satisfying to see that we have been able to perform 24 Corneal Transplant, 06 Kidney Transplant and 02 Skin Allograft Transplants till date. The first swap renal transplant has been carried out in the Institute successfully. The Institute has also been granted approval by SOTTO to conduct heart transplants.

The Institute is at 38th position in the NIRF ranking of top Medical Colleges in India. AIIMS Raipur has been consistently recognized for its excellence in cleanliness and infection control, earning commendation under the Kayakalp Scheme seven times.

We have also emphasized community outreach, with health camps, awareness programs, and public health initiatives designed to address regional health challenges and promote preventive

care. The Institute supports the Prime Minister's National Dialysis Program (Jeevandhara) by organizing tele-dialysis clinics, auditing dialysis units and providing treatment to patients across 16 districts through telemedicine. The Institute is providing training to the ITBP and CRPF personnel. Various medical camps have also been held in remote areas in the State. As part of the Viksit Bharat Sankalp Yatra, the Institute participated in 13 urban health camps as part of its outreach services.

Our research ecosystem has seen remarkable growth, with increased intramural and extramural research projects, publications in reputed journals, and collaborative endeavors with national and international institutions. In the current financial year 17 intramural and 72 extramural projects have been sanctioned. ICMR has awarded a Bio Safety Level 3 Lab to AIIMS Raipur. This BSL-3 would be first of its kind in Chhattisgarh and enable to handle any viral outbreak by providing prompt diagnostic and research facilities with state-of-the-art equipment. The Institute has established a Metabolic and Newborn Screening Lab, which currently caters to 8 metabolic disorders and has performed over 5,000 screening tests to date.

It was moment of great pride for all of us in AIIMS Raipur when the Second Convocation of AIIMS Raipur was held on 25th October 2024 in the gracious presence of Smt. Droupadi Murmu, Hon'ble President of India as the Chief Guest. This prestigious event marked another milestone in the Institute's journey towards excellence in medical education and research.

One of the new and upcoming initiatives of AIIMS Raipur is the SMART-ER project in collaboration with IIT Bhilai. The objective of the project is to develop AI Powered Clinical Decision Support System (CDSS) for Emergency Patients. Extramural grant of 1,18,75,800/- from IBITF has been received to support technology development for this project.

We are working towards further expansion of hospital services. 150 bed Critical Care Hospital Block and BSL-III lab under Microbiology Department is being constructed in the AIIMS Raipur campus. We also intend to start cardiac transplant, robotic surgery and IVF facility in near future.

As we move forward, AIIMS Raipur remains committed to its vision of becoming a global center of excellence in healthcare, education, and research. I extend my heartfelt gratitude to the Ministry of Health and Family Welfare, Government of India, State Government of Chhattisgarh, our faculty, staff, students, and all stakeholders for their continued support and dedication.

Jai Hind.



Lt Gen Ashok Jindal (Retd)
Executive Director and CEO
AIIMS Raipur

The Institute and it's Committees

INSTITUTE BODY (IB)		
S. No.	**Name**	**Designation**
1.	**Prof. (Dr.) George A D'Souza** Dean St. John's Medical College, Bengaluru	President
2.	**Shri Vijay Baghel** Hon'ble Member of Parliament Lok Sabha	Member
3.	**Smt. Jyotsna Charandas Mahant** Hon'ble Member of Parliament Lok Sabha	Member
4.	**Shri Devendra Pratap Singh** Member of Parliament Rajya Sabha	Member
5.	**Ms. Punya Salila Srivastava, IAS** Secretary Ministry of Health and Family Welfare Nirman Bhawan, New Delhi or his/ her nominee	Member
6.	**Dr. Atul Goel** Director General of Health Services Ministry of Health & Family Welfare Nirman Bhawan, New Delhi	Member (Ex-Officio)
7.	**Dr. Jaideep Kumar Mishra, ICAS** Additional Secretary and Financial Advisor (AS&FA) Ministry of Health & Family Welfare Nirman Bhawan, New Delhi	Member
8.	**Dr. Purnendu Saxena** Director Visharad Hospital, Raipur- Chhattisgarh	Member
9.	**Chief Secretary** Government of Chhattisgarh Sachivalaya, Naya Raipur, Chhattisgarh or his/ her nominee	Member
10.	**Prof. Alok Kumar Chakrawal** Vice-Chancellor Guru Ghasidas Vishwavidyalaya (Central University)- Bilaspur-Chhattisgarh	Member
11.	**Dr. Surjit Singh** Professor & HOD Department of Paediatrics PGIMER, Chandigarh	Member

INSTITUTE BODY (IB)		
S. No.	**Name**	**Designation**
12.	**Prof. Gangadhar** Former General Secretary Indian Science Congress Association, Bengaluru	Member
13.	**Director** Indian Institute of Management Atal Nagar, P. O. - Kurru (Abhanpur) Raipur (C.G.) 493 661	Member
14.	**Dr. Shipra Sharma** Director Professor Medical Superintendent & Academic Incharge D K Superspeciality Hospital and PG Institute Raipur, Chhattisgarh	Member
15.	**Dr. Pradeep Kumar Patra** Vice-Chancellor Pt. Deendayal Upadhyay Memorial Health Sciences and Ayush University of Chhattisgarh	Member
16.	**Dr. Vijayendra Kumar** Professor & HOD Department of Paediatric Surgery Indira Gandhi Institute of Medical Sciences Patna, Bihar	Member
17.	**Lt Gen Ashok Jindal,** PVSM, AVSM, YSM (Retd) Executive Director and CEO All India Institute of Medical Sciences, Raipur	Member Secretary
18.	**Additional Secretary (Health),** MoHFW, Government of India, New Delhi	Permanent Special Invitee
19.	**Joint Secretary (PMSSY), MoHFW** Government of India, New Delhi	Permanent Special Invitee

GOVERNING BODY (GB)		
S. No.	**Name**	**Designation**
1.	**Prof. (Dr.) George A D'Souza** Dean St. John's Medical College, Bengaluru	Chairman
2.	**Shri Vijay Baghel** Hon'ble Member of Parliament Lok Sabha	Member
3.	**Ms. Punya Salila Srivastava, IAS** Secretary Ministry of Health and Family Welfare Government of India, New Delhior his/ her nominee.	Member
4.	**Dr. Atul Goel** Director General of Health Services (DGHS) Ministry of Health & Family Welfare Government of India, New Delhi	Member
5.	**Dr. Jaideep Kumar Mishra, ICAS** Additional Secretary and Financial Advisor (AS&FA) Ministry of Health & Family Welfare Government of India, New Delhi	Member
6.	**Shri Amitabh Jain** Chief Secretary Government of Chhattisgarhor his/ her nominee	Member
7.	**Prof. Alok Kumar Chakrawal** Vice-Chancellor Guru Ghasidas Vishwavidyalaya (Central University) Bilaspur	Member
8.	**Prof. Ram Kumar Kakani** Director Indian Institute of Management (IIM) Atal Nagar, Raipur, Chhattisgarh	Member (Ex-Officio)
9.	**Dr. Pradeep Kumar Patra** Vice-Chancellor Pt. Deendayal Upadhyay Memorial Health Sciences and Ayush University of Chhattisgarh	Member
10.	**Dr. Surjit Singh** Professor & HOD, Department of Paediatrics PGIMER, Chandigarh	Member
11.	**Lt Gen Ashok Jindal,** PVSM, AVSM, YSM (Retd) Executive Director and CEO All India Institute of Medical Sciences, Raipur	Member Secretary

Permanent Special Invitees:	
(i)	Additional Secretary (Health), MoHFW, Government of India, New Delhi
(ii)	Joint Secretary (PMSSY), MoHFW, Government of India, New Delhi
(iii)	Dean (Academics), AIIMS Raipur
(iv)	Deputy Director (Administration), AIIMS Raipur
(v)	Financial Advisor, AIIMS Raipur

Standing Finance Committee (SFC)		
S. No.	**Name**	**Designation**
1.	**Ms Punya Salila Srivastava, IAS** Secretary Ministry of Health and Family Welfare Government of India, New Delhior his/ her nominee.	Chairman
2.	**Dr. Vijayendra Kumar** Professor & HOD Department of Paediatric Surgery Indira Gandhi Institute of Medical Sciences Patna, Bihar	Vice-Chairman
3.	**Shri Devendra Pratap Singh** Member of Parliament Rajya Sabha	Member
4.	**Dr. Atul Goel** Director General of Health Services (DGHS) Ministry of Health & Family Welfare Government of India, New Delhi	Member
5.	**Dr. Jaideep Kumar Mishra, ICAS** Additional Secretary and Financial Advisor (AS&FA) Ministry of Health & Family Welfare Government of India, New Delhi	Member
6.	**Shri Amitabh Jain** Chief Secretary Government of Chhattisgarhor his/ her nominee	Member
7.	**Lt Gen Ashok Jindal,** PVSM, AVSM, YSM (Retd), Executive Director and CEO All India Institute of Medical Sciences Raipur-Chhattisgarh	Member Secretary

ACADEMIC AND EXAMINATION SECTION

Dr. Alok C. Agrawal
Dean (Academics)
Professor & Head
Department of Orthopaedics

Dr. Eli Mohapatra
Dean (Examination)
Professor & Head
Department of Biochemistry

Dr. Vinay R. Pandit
Associate Dean (Academics)
Professor & Head
Department of General Medicine

Dr. Avinash S. Ingle
Associate Dean (Examination)
Professor
Department of Physiology

Dr. Atul Jindal
Registrar
Professor
Department of Pediatrics
(28.12.2022 to 17.10.2024)

Mr. Milind Mujumdar
Registrar
(18.10.2024 onwards)

The Academic-cum-Examination Section was set up in April 2013. The Section has been entrusted with the responsibility of all Academic matters pertaining to the students and faculty of the institute and also examination work of the students admitted to the institute.

MBBS and B.Sc. (Hons) Nursing courses are running since 2012 and 2013 respectively. The postgraduate courses (MD/MS) have been started from July 2017 with annual intake of 35 seats. The seats intake has enhanced gradually. Currently, 161 seats (including 2 seats of MCh CTVS-6 Years and 4 sponsored seats) are available in the MD/MS/MDS Courses at AIIMS Raipur.

Currently, following courses are available at AIIMS Raipur:

DM/MCh Courses			
Course	Annual Intake		Student's admitted
	Non-Sponsored Seats	Sponsored Seats	
DM Cardiac Anaesthesia	2	1	1
DM Critical Care	2	1	2
DM Cardiology	2	1	2
DM Clinical Infectious Diseases	2	1	0
DM Endocrinology	2	1	2
DM Clinical Pharmacology	2	1	1
DM Medical and Forensic Toxicology	2	1	1
DM Neonatology	2	1	1

DM Nephrology	2	1	2
DM Paediatric Critical Care	2	1	2
DM Paediatric Emergency Medicine	2	1	2
DM Pulmonary Medicine	4	2	2
MCh Cardiovascular and Thoracic Surgery	2	1	0
MCh Head-Neck Surgery & Oncology	2	1	2
MCh Joint Replacement and Reconstruction	2	1	2
MCh Neurosurgery	3	1	4
MCh Paediatric Surgery	2	1	1
MCh Plastic Surgery and Reconstructive Surgery	2	1	2
MCh Urology	2	1	2
DM Medical Oncology	2	1	0
DM Trauma Anaesthesia and Intensive Care	2	1	0
MCh Surgical Gastroenterology and Hepatobiliary Surgery	1	0	0
DM Neurology	1	0	0
Total	**47**	**22**	**31**

Ph.D. Courses		
Course	**Annual Intake**	**Students admitted in 2024-25**
Biochemistry	2	1
Community & Family Medicine	2	2
Forensic Medicine & Toxicology	2	0
Nuclear Medicine	2	0
Orthopaedics	2	0
Pathology & Lab Medicine	2	1
Physiology	2	2
Anatomy	2	0
General Medicine	2	0
Microbiology	2	2
Total no. of PhD seats	**20**	**08**

MD/MS/MDS Courses

Sr. No.	Department	Approved PG seats per annum	Sponsored Seats	Students admitted in 2024-25
1	MD in Anaesthesiology	14	1	14
2	MD in Anatomy	3	0	1
3	MD in Biochemistry	4	0	3
4	MD in Community Medicine	8	0	8
5	MD in Dermatology	4	0	4
6	MS in ENT	5	0	5
7	MD in Emergency Medicine	8	1	9
8	MD in Family Medicine	2	0	1
9	MD in Forensic Medicine and Toxicology	2	0	2
10	MD in General Medicine	14	1	13
11	MS in General Surgery	10	0	10
12	MD in Microbiology	6	0	6
13	MD in Nuclear Medicine	2	0	2
14	MS in Obstetrics and Gynaecology	10	0	10
15	MS in Ophthalmology	8	0	8
16	MS in Orthopaedics	6	0	6
17	MD in Paediatrics	8	1	9
18	MD in Pathology	9	0	8
19	MD in Pharmacology	4	0	4
20	MD in Physical Medicine and Rehabilitation	2	0	1
21	MD in Physiology	3	0	1
22	MD in Psychiatry	5	0	5
23	MD in Radiodiagnosis	6	0	6
24	MD in Radiotherapy	2	0	2
25	MD in Transfusion Medicine	5	0	3
26	MDS in Oral and Maxillofacial Surgery	3	0	3
27	MDS in Paediatric and Preventive Dentistry	2	0	2
28	MCh (CTVS) - 6 years program	2	0	2
	Total	**157**	**4**	**148**

PDCC Courses			
Course	Annual Intake		Student's admitted
	Non-Sponsored Seats	Sponsored Seats	
PDCC in Cardiac Anaesthesia	1	3	1
PDCC in Critical Care	1	4	1
PDCC in Neurosurgical Anaesthesia	3	0	2
PDCC in Pain and Palliative Care	2	0	1
PDCC in Obstetric Anaesthesia	2	0	0
PDCC in Paediatric Anaesthesia	1	0	1
PDCC in Onco-Anaesthesia	2	0	0
PDCC in Cardiac Critical Care Medicine	2	0	0
PDCC in Breast Surgery	2	0	2
PDCC in Hospital Infection Control	2	0	1
PDCC in High-Risk Pregnancy	2	0	2
PDCC in Gynaecological Endoscopy	2	0	2
PDCC in Neonatology	4	4	2
PDCC in Paediatric Cardiac Critical Care	2	0	1
PDCC in Paediatric Haematology and Oncology	1	0	1
PDCC in Medical Retina	1	0	1
PDCC in Cardiothoracic and Vascular Imaging & Interventional Radiology	2	0	2
PDCC in Emergency Cardiac Care	4	0	0
PDCC in Emergency Medicine - Critical Care	4	0	0
Total	**40**	**11**	**20**

Course	Annual Intake	Students admitted in 2023-24
MBBS	125	125
B.Sc. (Hons.) Nursing	75	75
Master of Public Health (MPH)	10 (including 4 sponsored seats of Govt. of Chhattisgarh)	06
M.Sc. Nursing-Psychiatric Nursing	04	04

M.Sc. Nursing (Medical Surgical Nursing - Cardiovascular and Thoracic Nursing)	02	02
M.Sc. Nursing (Pediatric Nursing)	02	02
M.Sc. Nursing (Obstetrical and Gynaecological Nursing)	02	02

Paramedical Courses

Course	Annual Intake	Students admitted in 2024-25
Bachelor in Audiology & Speech Language Pathology	4	On hold
B.Sc. in Operation Theatre Technology	8	On hold
B.Sc. In Medical Technology In Radiography	5	5
B.Sc. In Medical Laboratory Technology	8	4
Advanced Diploma in Radiotherapy Technology (ADRT)	2	On hold
Pre-Hospital Trauma Technician (PTT)	10	Stopped

As on 31.03.2025, the number of Undergraduate students/PG Students/Ph.D. Scholars pursuing the various courses are as under:

Course	No. of students pursuing the course
MBBS	633
B.Sc. (Hons.) Nursing	261
MD/MS/MDS	391+5 (sponsored)
DM/MCh	83
PDCC	19
M.Sc. Nursing	10
Ph.D.	29+4 (in-house)
Master of Public Health	10
Paramedical courses	31

MBBS

Batch	Annual Intake	Students admitted	Studying in	Exam scheduled in	Remark
2012	50	50	----	----	Completed the course.
2019	100	100	----	----	Completed the course.
2020	125	125	Internship	----	Posted for one year compulsory rotational internship from January 2025.
2021	125	125	3rd Professional Part II	November/ December 2025	----
2022	125	125	3rd Professional Part I	December 2025/ January 2026	----
2023	125	125	2nd Professional	December 2025/ January 2026	----
2024	125	125	1st Professional	August/ September 2025	----

The MBBS and B.Sc. (Hons.) Nursing students of AIIMS Raipur are pursuing postgraduate courses at various esteemed central, state medical colleges in India and also in foreign universities. The postgraduate students of AIIMS Raipur are also pursuing the Superspeciality Courses in reputed Institutes.

B.Sc. (Hons.) Nursing

Batch	Annual Intake	Students admitted	Studying in	Exam scheduled in	Remark
2013	60	60	----	----	Completed the course.
2020	75	75	----	----	Completed the course.
2021	75	75	4th Year	February 2026	----
2022	75	42	3rd Year	September 2025	----
2023	75	75	2nd Year	July 2025	----
2024	75	75	1st Year	July 2025	----

MD/MS/MDS Courses

Session	Annual Intake	Students admitted	Studying in	Exam scheduled in
July - 2017	35	09	----	Completed the course
Jan - 2018		25	----	Completed the course
July - 2019	92	48	----	Completed the course
Jan - 2020		51	----	Completed the course
July - 2020	127	44	----	Completed the course
Jan - 2021		75	----	Completed the course
July - 2021	148	54	----	Completed the course
Jan - 2022		81	----	Completed the course
July - 2022	157	24	3rd year	July 2025
Jan - 2023		112	3rd year	December 2025
July - 2023	157	76	2nd Year	July 2026
Jan - 2024		70	2nd Year	December 2026
July - 2024	155	64	1st Year	July 2027
Jan - 2025		89	1st Year	December 2027

M.Sc. Nursing

Session	Annual Intake	Students admitted	Studying in	Exam scheduled in
July - 2018	02	02	----	Completed the course
July - 2020	04	04	----	Completed the course
July - 2021	04	04	----	Completed the course
July - 2022	04	04	----	Completed the course
July - 2023	04	04	2nd Year	October - 2024
July - 2024	10	10	1st Year	July - 2025

Performance of students in examination 2024-25

Name of Exam	No. of Students Appeared	No. of Students passed	Passing Percentage
B.Sc. (Hons) Nursing 1st Year	74	74	100
B.Sc. (Hons) Nursing 2nd Year	43	42	97.67
B.Sc. (Hons) Nursing 3rd Year	72	68	94.44
B.Sc. (Hons) Nursing 4th Year	74	74	100
M.Sc. Nursing-Psychiatric Nursing 1st year	1	1	100

M.Sc. Nursing-Psychiatric Nursing 2nd year	4	4	100
MBBS 1st Prof (2023 Batch)	129	117	90.70
MBBS 2nd Prof (2022 Batch)	128	122	95.31
MBBS 3rd Prof Part-1 (2021 Batch)	119	114	95.80
MBBS 3rd Prof Part-2 (2020 Batch)	105	99	94.29
MD/MS (July 2021 Batch)	37	37	100
MD/MS (Jan 2022 Batch)	63	63	100
DM/MCh (July 2020 Batch)	7	7	100
DM/MCh (July 2021 Batch)	17	17	100
PDCC (July 2022 Batch)	20	20	100
Master of Public Health (2022 Batch)	6	6	100
BSc OTT 1st year (2023 Batch)	5	5	100
BSc MTR 1st year (2023 Batch)	1	1	100
BSc MTR 2nd year (2022 Batch)	2	2	100
BSc MTR 3rd year (2021 Batch)	3	3	100
BSc MLT 1st year (2023 Batch)	6	4	66.67
BSc MLT 2nd year (2022 Batch)	3	3	100
BASLP 4th Semester	3	3	100
BASLP 5th Semester	3	3	100
ADRT (2022 Batch)	2	2	100

Account of Recruitment of Senior Resident (Non Acad) and Junior Resident (Non Acad) at AIIMS Raipur during 2024-25:

Post	No. of post advertised	No. of selected candidates	No. of filled post
Senior Residents (Non Acad)	220	106	95
Junior Residents (Non Acad)	51	43	34

Other Activities

- 2nd Convocation was conducted on 25th October 2024 at the Auditorium of AIIMS Raipur, in the esteemed presence of the Hon'ble President of India, Smt. Droupadi Murmu.
- This year, AIIMS Raipur ranked #38 in 2024 by the NIRF.
- AIIMS Raipur has won first prize in Anti-Ragging National Contest 2024.
- AIIMS Raipur ranked #23 in 2024 by The Week Hansa Research Ranking.
- AIIMS Raipur ranked #33 in 2024 by the News Week (World Best Hospital).
- AIIMS Raipur ranked #39 in 2024 by the India Today – MDRA Ranking.
- AIIMS Raipur ranked #7 in 2024 by the India Today – MDRA University Ranking.

- Mr. Nitin Rambhau Vanjari, JAO, Academic Section, AIIMS Raipur, secured the top position on the Leadership Board during the Orientation on Good Examination Practices (OGEP 4.0): Seat Allocation and Admission Process for UG/PG Courses quiz, held on 11 July 2024 at Dr. Ramalingaswami Board Room, AIIMS, New Delhi.

ADMINISTRATION

Deputy Director (Administration)
Lt. Col. Kunal Sharma (Till 29.11.2024)
Lt. Col. Abhijit Sarkar (From 30.11.2024)

Senior Administrative Officer
Shri V. Sitaramu - 09.07.2021 to 20.07.2024
Shri Shiv Shankar Sharma (AddI Charge from 21.07.2024)

Administrative Officer
Shri A Venkat Ramana (02.02.2022 to 18.10.2024)
Shri Piyush Ujawane (from 18.10.2024)

Stores Officer (Central Stores)
Shri Ankit Kumar Mishra (from 01.07.2023)

HIGHLIGHTS

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

Responsibilities of Establishment Section and General Administration include appointments, arranging meeting of the statutory committees, management of estate and property, purchase of equipment, materials and consumables, security arrangements, employees' welfare, handling matters pertaining to RTI, Hindi Cell, PG Portal, Sexual Harassment, etc.

The total sanctioned staff of the Institute is 4189 which includes staff of all Centers/Main Hospital/D.O. The number of group-wise sanctioned strength and staff in-position as on 31.03.2025 is mentioned below:

S. No	Category/Group	Sanctioned Strength	In-position
1.	Faculty members	305	192
2.	'A'	1030	743
3.	'B'	2228	1744
4.	'C'	626	891
	Total	4189	3570

HINDI CELL		CPGRAMS PORTAL	
Letters Received	Letters Disposed of	Grievance Received	Grievance Disposed of
4270	4034	154	152
RTI CELL		**Sexual Harassment Complaints**	
Received	Disposed of	Received	Disposed of
821	802	9	9

Public Relations

Public Relations Officer

Shiv Shankar Sharma, Ph.D.

The Public Relations Office is actively engaged in Public Outreach activity through internal and external communication activities. It is regularly disseminating information about AIIMS, Raipur through Print, Electronic, social Media and in the form of Publicity Material. During the Financial Year 2024-25, PR Office has released more than 277 press release in English and Hindi. They were published in more than 9 Newspapers in Chhattisgarh. The Office is also working as a Nodal Office for Social Media including Facebook, Twitter (now known as X) handle of the Institute. All Social Media accounts are updated on regular basis. PR Office has also coordinated with more than 50 different Departments of AIIMS Raipur for timely preparation and submission of the Annual Reports to the Ministry. Department of Public Relations actively involved in compiling of data for NIRF ranking of AIIMS Raipur.

The department has been co-ordinating and making proper arrangements for the VIP visitors. The Department is releasing different Advertisement, working as nodal office for Monthly Progress Reports, Achievement Report, PwD Report to the MoHFW, PMSSY Dashboard Data, Public Grievances, NORCET and Vehicle Management.

Recruitment Cell

Assistant Controller of Examination

Dr. Ashish Kumar Gupta

AIIMS Raipur strives to attract and recruit best talent across country to meet the need and aspirations of citizens for world-class tertiary healthcare services and to attain self-sufficiency in medical education, training and research of global standards. In alignment with the aim, AIIMS Raipur has a dedicated Recruitment Cell to attract and recruit best talent across country in a transparent and fair manner.

The Recruitment Cell is entrusted with the responsibility of carrying out recruitment to all Faculty and Non-faculty posts at the Institute as per the Government of India rules and decisions of the Central Institute Body (CIB), Institute Body and Governing Body of AIIMS Raipur issued from time to time. For wide publicity and increasing competition recruitment advertisements are published in national dailies in both Hindi and English, local newspapers, Employment News, and on the website of AIIMS Raipur and PMSSY, MoHFW.

Rajbhasha Cell

Lt. Gen Ashok Jindal (Retd)
Executive Director and CEO, AIIMS, Raipur

Chairman
Departmental Official Language Implementation Committee

Deputy-Director (Administration)
Lt Col. Kunal Sharma (Till 29.11.2024)
Lt Col. Abhijit Sarkar (From 30.11.2024)

Sr. Hindi Officer
Shri Madhuragi Shrivastava (Till 16.01.2025)

Junior Hindi Translator
Ms. Nidhi Jaiswal
Shri Vinay Kumar (Till 23.09.2024)

Members
All HODs and Officers
AIIMS Raipur

Activities and Programmes organized by Rajbhasha Cell during financial year 2024-25

1. Quarterly meeting of Departmental Official Language Implementation Committee was organized on 22nd June, 26th September, 26th December, 2024 and 24th March, 2025. Lt Gen Ashok Jindal (Retd), Executive Director and CEO, AIIMS, Raipur and Chairman, Departmental Official Language Implementation Committee reviewed the progress done under the official language act and directed all the HODs to follow the instructions given by Rajbhasha Department, Ministry of Home Affairs, Govt. of India.

2. Hindi-Pakhwara was organized in AIIMS, Raipur from 16-30 September, 2024. Different competitions like Medical Terminology, Administrative Terminology, Dictation, Essay writing, Self-Written Poetry Recitation, Debate, Quiz were organized. In these competitions, 130 students and 141 officers/employees and faculty members participated enthusiastically. A prize amount of ₹ 2,25,000/- was distributed among winners. On 10th January, 2025 on the occasion of 'World Hindi Day' a special discussion was organized in the office on the topic "Importance of e- technology in the progress of Hindi".

3. During 8-14th May, 2024, a Hindi training workshop was organized for students and faculty members in the nursing college in which 30 nursing students and faculty members were trained. On 31st July, 2024 on the occasion of birth anniversary of Munshi Premchand, a workshop was organized in the institute, in which 51 employees, officers and faculty members were trained. In this workshop a discussion was held related to invaluable contributions to Hindi Literature Munshi Premchand. In this workshop valuable quotes compiled in the works of Munshi Premchand were also discussed, which can act as foundation of pregressive Society. From 16-20th December, 2024 a five days Hindi Typing workshop was

organized , 11 officers and employees were trained. On 10th January , 2025 on the occasion of World Hindi Day a workshop was organized in which " The importance of e-technology in the progress of Hindi" topic was discussed, 23 officers and employees were trained. During the financial year 2024-25 total no. of 115 officers and employees were trained in the Hindi Typing Workshop and Hindi Workshop organized by Rajbhasha Cell.

4. AIIMS Raipur is an important member of Town Official Language Implementation Committee. First Half-yearly meeting of the committee was organized on 29th May, 2024 which was attended by Lt Gen Ashok Jindal (Retd), Executive Director and CEO, AIIMS, Raipur and Shri Madhuragi Shrivastava, Senior Hindi Officer. In this sequence, second Half-yearly meeting of the committee was organized on 30th October, 2024. In which Shri. Madhuragi Shrivastava, Senior Hindi Officer participated in the meeting.
5. Annual Report of financial year 2024-25 was completely translated by Rajbhasha Cell, AIIMS, Raipur. In addition to it, Rajbhasha Cell translated documents, letters, circulars, reports, thesis, consent forms, Scientific Articles and other documents received time to time from various departments.

Rajbhasha Cell, AIIMS, Raipur ensures that section 3(3) of the Official Language Act 1963 is being followed in letter & spirit and various mandatory provisions related to it are also being followed. Following steps were taken to encourage & promote the use of hindi:-

1. New editions of Half-yearly Hindi Magazine 'SPANDAN' of AIIMS, Raipur was prepared. twelfth edition of (April– September, 2024) and thirteenth edition (October-March, 2024-25) were circulated among various departments through online mode.
2. In order to promote official work in hindi, AIIMS, Raipur awarded 10 Rajbhasha Protsahan Puraskar worth Rs. 29,000/- on 1 October, 2024 to the officers and employees who have worked maximum in Hindi.
3. For giving Hindi Dictation by HODs and Officers, 09 HODs received a sum of Rs. 1,50,000/-under "Hindi Dictation Yojana".
4. Employees and Officers of AIIMS, Raipur are being given regular training in Hindi typing.

1. Documents issued during 2024-25 under Section 3(3) of Official Language Act, 1963

1.	Total no. of documents issued	6,056
2.	Total no. of documents issued bilingually	6,056
3.	No. of documents issued only in English	0

2. Letters received in Hindi during 2024-25 (Rule 5 of Official Language Rules, 1976)

1.	Total no. of letters received	4,270
2.	Out of these, no. of letters replied in Hindi?	4,034
3.	No. of letters replied in English?	0
4.	No. of letters not to be replied to?	236

3. No. of letters received in English but replied in Hindi during 2024-25

	No. of letters received in English	Out of these, no. of letters replied to in Hindi?	Out of these, no. of letters replied to in English?	No. of letters not to be replied to?	Percentage of letters replied in Hindi
	1	2	3	4	5
From region 'A'	13,192	12,038	775	379	91.25%
From region 'B'	174	156	7	11	89.66%

4. Details of total letters issued during 2024-25

	In Hindi	In English	Total no. of letters issued	Percentage of letters issued in Hindi
	1	2	3	4
To region 'A'	12,377	1,336	13,713	90.26%
To region 'B'	154	21	175	88%
To region 'C'	58	40	98	59.18%

5. Noting in Hindi on files/documents during 2024-25

No. of pages of Hindi noting	86,712
No. of pages of English noting	10,018
Total No. of pages of noting	96,730
Percentage of Noting in Hindi with respect to English	89.64%

Hindi Pakhwada- 2024
was organized grandly under the aegis of Rajbhasha Cell in AIIMS, Raipur





Security

Security Officer

Ms. Upasona Khound Singh

The Security Office at AIIMS Raipur is entrusted with safeguarding the campus—including the main medical complex, annexes, and residential areas. Operating round the clock, the department plays a critical role in securing infrastructure, regulating public and patient access, ensuring VIP security, and managing emergency preparedness.

Manpower and Organizational Setup

- Personnel Strength: 450 outsourced security personnel
- Operational Mode: 24x7x365 rotational shifts
- Deployment Areas:
    - Main entry and exit gates
    - Wards and corridors
    - Emergency and outpatient areas
    - Residential and annex buildings
    - Parking areas
    - Hostels
    - OPDs and IPDs
    - Medical College
    - Nursing College
- **Key Roles:**
    - Crowd management
    - Routine security screening
    - Route lining for special events
    - Gate pass issuance and material verification
    - Vehicle access control and parking management
    - Escorting and bandobast duties for VIPs and dignitaries

Security Infrastructure and Technological Advancements CCTV Surveillance System

- Extensive CCTV coverage in high-sensitivity zones
- Two dedicated control rooms for 24/7 monitoring
- Standard Operating Procedures (SOPs) in place for ethical and legal surveillance
- Inclusion of women operators in CCTV control and monitoring duties

Fire Safety Infrastructure

- Dedicated fire fighting team trained in hazard mitigation
- Regular:
    - Mock drills
    - Evacuation exercises
    - Coordination sessions with the Engineering team
- Strict adherence to documentation and record-keeping best practices

Cyber and Physical Security Initiatives

- Cyber Awareness Program:
    - Conducted in collaboration with Chhattisgarh State Police
    - Educated citizens and staff on contemporary cyber threats and safety practices
- Coordination with Law Enforcement:
    - Continuous liaison with police and local authorities
    - Prompt bandobast support for events, dignitary visits, and emergencies

Administrative and Operational Highlights

- Pass Management System:
  - Issuance of gate passes for:
    - Visitors
    - Commercial vehicles
    - Material movement
  - Inventory and personnel tracking enabled
- **Parking Management:**
  - Parking stickers issued to AIIMS officials
  - Vehicle movement streamlined across designated zones
- **Training & Capacity Building:**
  - Skill enhancement through regular workshops and training modules
  - Hands-on training in emergency response and crowd management

Women Empowerment and Inclusive Participation

- Strategic deployment of women personnel in:
  - Field duties
  - Office operations
  - CCTV monitoring units
- Active role in public interface and regulatory tasks





FINANCE & ACCOUNTS

Financial Advisor (Officiating)

Shri Vinod G (02.04.2024 – 06.12.2024)

Shri J Sajit Nair (From 07.12.2024)

Finance and Chief Accounts Officer

Shri Vinod. G

Accounts Officers

Shri J. Sajit Nair

Shri Rajesh Singh

Shri Debasish Bhadra

Shri Vishal Kumar

Shri Abhishek Kumar Rai

HIGHLIGHTS

The Finance & Accounts Wing of AIIMS Raipur is headed by the Financial Advisor who is assisted by 01 FC&AO, 5 Accounts Officers and a number of Junior Accounts Officer and Account Assistants. Each branch is headed by an Accounts Officer with supporting staffs. Broadly, the Finance & Accounts Wing looks after the Budget Management, Cash Flow, Expenditure Control, Financial Vetting & Concurrence of procurement proposals as per GFR, Payments including Salary, third party payments like vendor bills related to procurements, payments of bills related to Project Work, Payments to HITES/HLL, HEFA Loan Managements, Preparation of Annual Accounts & Financial Statements, CAG & Internal Audit compliances etc. A brief description of duties & responsibilities assigned to Finance & Accounts Wing are as below:

- Preparation of Annual Budget of the Institute.
- Receiving Grant-in-Aid for Salary, General and Capital expenditure from the Administrative Ministry.
- Budget Management, Cash Flow Management and Expenditure Control.
- Management of Hospital Receipts.
- To accord financial concurrence as per the provisions of GFR on matters related to procurement of the Institute.
- To ensure that proper maintenance of books of accounts and schedules as per the provisions of Central Accounting Manual (CAM) and directions issued by Comptroller Auditor General (CAG)/ Chief Controller of Accounts (CCA)
- To prepare pay bill of employees & other necessary records as per the provisions of income tax, sales tax, service tax & other statues.
- To prepare the financial statements (receipts & payments accounts, income & expenditure account and balance sheet).
- To get the various Audits done like CCA audit, CAG audit and to submit compliance/ATN.
- Handling of New Pension Schemes, GPF and PFMS.
- Scrutiny of project related works and other bills.
- Submission of requisite receipt and expenditure details to PMSSY division of Ministry of Health & Family Welfare.

ENGINEERING SECTION

Superintending Engineer
Col Susanta Sekher Bose

HIGHLIGHTS

All India Institute of Medical Sciences, Raipur has been established under PMSSY. To complete the project, 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.

As per master plan, Institute is housed in a 100 Acres campus with the requisite facilities as per Medical Council of India norms. The campus, besides the built up area of the hospital, hostels, residential areas etc. also have landscape open areas, parking spaces, areas of recreational activity. The facilities are being used by the economically weaker section of the Chhattisgarh State and whole country.

The Engineering Department (Project Cell) of AIIMS, Raipur is mainly dealing with construction activities of DPR, Non DPR Projects and New Civil, Electrical, HVAC and Firefighting works as per requirement including operation & maintenance of various services. The details of major works are mentioned below:

BRIEF OF ALL PACKAGES

Status of construction in AIIMS Raipur (As on 31.03.2025) is mentioned below:

AIIMS PC	Package	Agency	Approved Contract Value (Rs.cr)	Physical Progress of construction (%)	Actual payment till date	Date of Completion/ EDC
HSCC (INDIA) LIMITED	Pkg - I Medical College	M/s Punj Lloyd Ltd.	115.21	100	128.30	28.02.2020
	Pkg - II Hospital Complex	M/s B.L. Kashyap & Sons ltd.	262.40	100	331.68	22.09.2022
	Pkg - III Electrical Services	M/s Ahluwalia (Contratcs) India Ltd.	35.86	100	36.59	28.02.2020
	Pkg - IV Estate Services	M/s B.L. Kashyap & Sons ltd.	63.33	100	61.96	21.03.2022

STATUS OF CIVIL (Non DPR Works) as 31/03/2025
Including the work assigned to CPWD
Academic Block & Administrative Block

Month	Cumulative Physical Progress (%)	Cumulative Financial Progress (%)	Current Month Expenditure	Remark
31/03/2025	100%	98%	—	Sanction Amount Rs. 199.60 Cr. Tendered Amount Rs. 159.43 Cr. Total expenditure Rs. 183.92 Cr. Total Release till date Rs. 196.96 Cr. Handing Taking over of the building is under process Work completed on 15.04.2024 Final bill is under progress.

Academic Block & Administrative Block



Construction of Critical Care Hospital Building

Month	Cumulative Physical Progress (%)	Cumulative Financial Progress (%)	Current Month Expenditure	Remark
31/03/2025	35%	32.2%	—	Project Starting Date: 16.03.2024 Foundation, Basement and water proofing completed, reinforcement laying for balance portion of 3rd floor level slab is in progress Finishing activities such as block work electrical conduit work etc are in progress in basement, ground and first floor level. Target date of completion is 30.05.2026 (revised PDC)

Critical Care Hospital Building



Furniture for Academic Block & Administrative Block

Month	Cumulative Physical Progress (%)	Cumulative Financial Progress (%)	Current Month Expenditure	Remark
31/03/2025	—	—	—	Furniture layout for placement of Furniture has been sent to CPWD. Samples have been approved by AIIMS Raipur with necessary comments. Material is being arrived at site and installation is in progress. Target dated of completion is 30.05.2025

Construction of Residential Complex Phase – II

Month	Cumulative Physical Progress (%)	Cumulative Financial Progress (%)	Current Month Expenditure	Remark
31/03/2025	—	—	—	Drawings of Hostel have approved. Submission drawing for local body approval is under preparation.

Construction of Boundary wall of School of Public Health at Nava Raipur

Month	Cumulative Physical Progress (%)	Cumulative Financial Progress (%)	Current Month Expenditure	Remark
31/03/2025	99%	96%	—	Works in progress.

Construction of Boundary wall of Rural Health Training Centre at Kurud

Month	Cumulative Physical Progress (%)	Cumulative Financial Progress (%)	Current Month Expenditure	Remark
31/03/2025	100%	95%	—	Work completed 11.07.2024.

Hospital and Department of Central Medical Records

Medical Superintendent
Dr. Renu Rajguru
Additional Medical Superintendent
Dr. Nitin Kumar Bhajandas Borkar
Deputy Medical Superintendent
Dr. Nitin Kumar Kashyap
Dr. Ramesh Chandrakar
Dr. Dibakar Sahu
Assistant Professor, Faculty In-Charge for MRD
Dr. Joydeep Samanta
Medical Record Officer Cum Sub- Registrar (Birth & Death)
Shri Kalleshwara. I.T

About the Department of Central Medical Records

Key functions of the Department of Central Medical Records:-

- Electronic Medical Record (EMR)/ Electronic Health Record (EHR).
- Digitalization of Medical Records.
- State-of-the-art Electronic Motorized Compactor for Medical Records.
- Issue and correction of Birth and Death Certificates.
- Maintenance of all records/Medico-Legal Cases as per norms.
- Medical Audit and Statistical Studies.
- Online facilitation for Registration, Billing etc.
- Death review meeting /COVID-19 death review meeting, facilitating all types of Insurance Claims.

The Department has extended the following services/facilities in the Financial Year 2024-25:

- 2324 Birth Certificate issued.
- 2259 Death Certificate issued through physical and online.
- 595 corrections in Birth Certificate and 691 Corrections in the Death Certificate are done.
- 695 Insurance Claim facilitated.
- 45 replies given to various RTI questions.
- Developed various formats in HMIS software.

Hospital Statistics

S.No.	Particular	Numbers
1	Outpatients attendance	9,64,671
2	New Cases	5,25,344
3	Old Cases	4,393,27
4	COVID -19 OPD	12
5	Daily Average No. of Outpatient attendance	3,259
6	Outpatient attendance in Casualties	55,478
7	Daily Average No. of Outpatient attendance in casualties	152
8	Admissions (Day Care-16431)	50,459
9	Discharges (Day Care-16181)	50,218
10	Daily Average Bed Occupancy Rate	78%
11	Deliveries conducted	2,324
12	Live Births	2,290
13	Still Births	34
14	Deliveries (Full Term Normal Delivery)	993
15	Deliveries LSCS	1331
16	Investigations in Biochemistry (Including OPD& IPD)	36,70,657
17	Investigations in Microbiology (Including OPD& IPD)	1,89,500
18	Investigations in Pathology (Including OPD& IPD)	5,25,752
19	Investigations in Radiology (Including OPD& IPD)	2,68,395
20	Operations performed	21,295
21	Major Surgeries	12,717
22	Minor Surgeries	8,578
23	Death (Including Brought Dead-437 & Casualty Death-565)	2,426
24	Death below 48 Hours	343
25	Death above 48 Hours	1,081
26	Gross Death Rate	4.18
27	Net Death Rate	3.17
28	Brought dead	437

S.No.	Particular		Numbers
29	Total No. of Outpatients attendance		9,64,671
30	No. of Insurance claims		355
31	Mortality Cases Review		2,259
32	ORS (Online Registration System)		2,57,241
33	The Ayushman Bharat Digital Mission (ABDM) Total number of registered cases		34,333
34	**Organ Donation**	Liver donation	01
		Kidney	06
		Total no of Eye Donation	
		Eye donation	20
		Eye collection	40
		Cornea Transplantation	24
35	Mission Indradhanush (Immunization)		33,776
36	Pradhan Mantri National Dialysis Programme (PMNDP)		8,199

Bed Occupancy

Month	Days of the Month	No.of Beds	Total Admission	Total no. of patients stayed during the month	Bed Occupancy %	Average patients admitted per day
Apr-24	30	960	3429	22940	78%	114
May-24	31	987	3697	21586	73%	119
Jun-24	30	987	3837	21786	74%	128
Jul-24	31	993	3988	25209	82%	129
Aug-24	31	1001	4036	24301	78%	130
Sep-24	30	1003	3878	24584	82%	129
Oct-24	31	1003	4060	24233	78%	131
Nov-24	30	1003	3686	23587	79%	123
Dec-24	31	1003	3719	24418	79%	120
Jan-25	31	1003	3859	24505	79%	124
Feb-25	28	1003	3812	23297	83%	136
Mar-25	31	987	3748	23854	77%	121

Department of Medical Education Unit

Prof (Dr.) Alok C. Agrawal
Chairperson, Medical Education Unit
HOD, Dept of Orthopedics
Prof (Dr.) Amit Kumar Chowhan
Member Secretary, Medical Education Unit
HOD, Dept of Pathology
Prof (Dr.) Sarita Agrawal
Member, MEU
HOD, Dept of OBG
Prof (Dr.) Eli Mohapatra
Member, MEU
Dean (Academics), HOD, Dept of Biochemistry
Prof (Dr.) Nitin Gaikwad
Member, MEU
HOD, Dept of Pharmacology
Prof (Dr.) Meenakshi Sinha
Member, MEU
Dept of Physiology
Prof (Dr.) Padma Das
Member, MEU
Dept of Microbiology
Prof (Dr.) Rachita Nanda
Member, MEU
Dept of Biochemistry
Prof (Dr.) Avinash S. Ingle
Member, MEU
Associate Dean (Examination), Dept of Physiology
Prof (Dr.) Ekta Khandelwal
Member, MEU
Dept of Physiology
Prof (Dr.) Rupa Mehta
Member, MEU
HOD, Dept of ENT
Prof (Dr.)Nakul Uppal
Member, MEU
Dept of Dentistry
Prof (Dr.)Santosh Rao
Member, MEU
Dept of Dentistry
Prof (Dr.) Manisha B. Sinha
Member, MEU
Dept of Physiology
Dr. Sarita Ramchandani
Member, MEU
Additional Prof, Dept of Anaesthesiology
Dr. Seema Shah
Member, MEU
Additional Prof, Dept of Biochemistry
Dr. Chetan Anand
Member, MEU
Associate Prof, Dept of General Surgery
Dr. Amritava Ghosh
Member, MEU
Associate Prof, Dept of Endocrinology

HIGHLIGHTS

A simulation lab comprises part of MEU located at 2nd floor A Block, Hospital Building. Simulation lab is equipped with high fidelity Mannequins for the simulation based medical education of UGs, PGs, SRs and faculties.

EDUCATION

Regular Language classes comprising Hindi, English and Chhattisgarhi language classes are being conducted for first year MBBS students, which is very helpful for students coming from various parts of the country, who are not well versed with Hindi and Chhattisgarhi. Various workshops and trainings are conducted throughout the year under 'Teaching the Teachers' and 'Training the Trainers' theme. Various departments like Physiology, Anesthesia, Pediatrics, Pediatric Emergency Medicine and General surgery conducted Simulation based classes for the training of Nursing students, MBBS students, JRs, SRs, DM students and faculties, throughout the year.

CMEs/WORKSHOP/SYMPOSIA/NATIONAL & INTERNATIONAL CONFERENCES

Dr. Ghosh Amritava

S. No.	Title	CME/Conference	Date	Organized by
1.	Efficacy of Antithyroid Drug Therapy Among Patients with Graves' Disease in a Tertiary Care Hospital in Chhattisgarh	Annual conference of Indian Thyroid Society (ITSCON 2024)	09.08.2024 – 11.08.2024	Indian Thyroid Society

Activities at Simulation Lab, AIIMS Raipur

The simulation lab AIIMS Raipur has been established in June 2022 at, 2nd floor A Block.

Lab In-charges :Dr Jayshri R Ghate,
Professor, Department of Physiology, AIIMS Raipur
:Dr Sarita Ramchandani,
Additional Professor,
Department of Anesthesiology,
AIIMS Raipur

Simulation lab is equipped with high fidelity Mannequins for the simulation based medical education. It is being used for skill development training of Nursing, MBBS UG, PG, DM students and faculty members. It is also being used for assessments of postgraduate and DM students as well as for conducting workshops.
Following simulators are functional in this lab.

1. Adult male Computer based Mannequin-Apollo
2. Pediatric Computer based Mannequin
3. All-purpose care simulator
4. Ultrasound Mannequin with Transthoracic echocardiography and Transesophagial echocardiography probes

Classes conducted at Simulation lab

Various departments like Physiology, Anesthesia, Pediatrics, Pediatric Emergency Medicine, Trauma Emergency, General surgeryand Nursing college conducted Simulation based classes for the training of MBBS students, Nursing students, JRs, SRs, DM students and faculties, throughout the year.

Total no of classes conducted at Simulation Lab: 50 (from April 2024 to March 2025).

High Fidelity Mannequins are used by learners to gain experience in a wide range of emergency or patient care scenarios. Simulation based learning help them to practice clinical interventions, improve communication skills and working in a team.

Workshops conducted at Simulation lab:

1. Workshop onHemodynamic monitoring using Tran esophageal Echocardiography in Ultrasound Mannequin (Vimedix) ; organized by Department of Anesthesiology on 31st January 2025.
2. Workshop on Transesophagial Echocardiographyand Transthoracic Echocardiography, ACE 25, using Ultrasound Mannequin (Vimedix) ; organized byDepartment of Trauma & Emergency department on 7th March 2025.

These workshops were focused on fundamental skills like planning and preparation of Scenarios along with hands on practice.

Nation of lifesavers: AHA-AIIMS Raipur Community HOCPR training Program

A MOU was signed between AIIMS Raipur and American Heart Association (AHA) in 2022 for conducting the awareness programs on cardiovascular disease in the communities to build a nation of lifesavers. The same MOU has been renewed in December 2024.

The AHA-AIIMS Raipur community Hands-Only Cardiopulmonary Resuscitation (HOCPR) training program is one of the activity under this MOU, with a goal of training 30,000 people in one year,to create awareness about the importance of CPR in cases of Out-of Hospital Cardiac Arrest.

Nation of lifesavers program has been planned under the guidance of Convener Dr T.S. Ravikumar, President AIIMS Mangalgiri, Co-convener Lt Gen Ashok Jindal (Retd), Executive Director, AIIMS Raipur and AHA consultant Divay Trikha. This program is being implemented by program lead Dr Jayshri R. Ghate, In-charge Simulation Lab, AIIMS Raipur. A committee of twenty-six members from different departments has been constituted under the leadership of Dr Alok Chandra Agrawal, Chairperson MEU, AIIMS Raipur for smooth functioning of this program.

We have received 245 Mini Anne Mannequin as In-kind donation in 2022 and second monetary grant of US $ 3500 (Rs 2,94,993/-) in December 2024, from AHA.

Till March 2024 we had conducted training of total 6,300 participants and from April 2024 to March 2025 we have conducted training of 4,100 participants making a total of 10,400 participants including school students, college students of medical, nursing, engineering, pharmacy, science, arts, polytechnic fields, NCC cadets, security guards, housekeeping staff, police personnel, teaching, non-teaching staff, nursing officers and faculties. The training was conducted in different sites like AIIM Raipur, various schools, nursing colleges, pharmacy colleges, SP office, CBI office etc.

Thus AHA-AIIMS Raipur Community HOCPR training program is definitely helping in creating awareness about CPR in community members.



Workshop at Simulation Lab

College of Nursing

Professor Cum Principal
Dr. Binu Mathew
Assistant Professor
Dr. J. Jeayareka
Lecturers
Mrs. Vahitha S
Mrs. Veena Verma
Mrs. Joyce Joseph
Mrs. Suganya P.

Tutors/ C.I.

Mrs. Chetna Sahu
Mr. Rohit Kumar
Mrs. Chandramani
Mrs. Bhoomika
Mr. Rajendar Singh
Mrs. Vetrichelvi
Mrs. Suman Shinde
Ms. Mitta Rama Devi
Mrs. Chitrekha Sippy
Mrs. SonuYadav

Mrs. Bagavathi R.
Ms. Cuny Hung
Mr. P.D. Deepak
Mr. Unnikrishanan Puliyakkauth
Major Ramya R.
Mrs. Seema Maheswari A.
Mr. Harish Kumar
Mr. Prem Chander
Mrs. Rohisha I. K.

Ms. Ritika Rocque
Mrs. Renu Rekha Korkora
Ms. Annamreddi Leelavati
Mrs. Nirupam Nisha Sahu
Ms. Jissa Donel
Ms. Chhameshwari Verma
Dr. Solomon James M
Mr. Jayavel
Dr. Hitesh Choudhary
Mr. Abdul Munaf Mujawr

HIGHLIGHTS

Department of Community Health Nursing

- **5th International Day of Clean Air for Blue Skies- 7th September 2024:** Observance of the 5th International Day of Clean Air for Blue Skies, 7th September 2024 was done through a school health awareness campaign as part of the National Programme for Climate Change and Human Health on the. The campaign included a role play and emphasized the causes and ill effects of air pollution.
- **Swachhata Pakhwada – 21st September 2024:** During the Swachhata Pakhwada celebration, the College of Nursing took part in an outreach initiative in the village of Guma in the Raipur district on 21/09/2024. The main objective of the activity was to educate the local community about the proper segregation of waste into wet and dry categories, emphasizing the significance of recycling waste in an

environmentally friendly manner. Furthermore, the initiative involved the distribution of cloth bags to promote their use over single-use plastic bags. In addition, a role play focusing on personal hygiene was performed at the anganwadi to raise awareness among preschool children, incorporating action songs and other audiovisual aids. These interactive activities ensured the active participation of the public, and the community responded positively to the initiative.

- **Poshan Maah 2024- 30th September & 01st October 2024:** As part of Poshan Maah 2024, the College of Nursing at the All-India Institute of Medical Sciences, Raipur, organized various outreach activities on September 30th and October 1st 2024. An awareness program on the theme "Importance of the first 1000 days for a mother and child" was conducted at the anganwadi in the Khokhopara area of Raipur, benefiting 25 mothers and children. Additionally, screening for anemia was carried out for 120 students at PM Shri Kendriya Vidyalaya No 02, Raipur, along with an awareness session on the importance of Poshan Maah celebration and the prevention of anemia among adolescent girls. A poster competition on the topic of balanced diet was also held for school children, with the top 3 posters being awarded.

  World AIDS Day – 02nd December 2024: An AIDS awareness session was organized by the Nursing Faculty, Mrs. Rohisha I.K. and Mr. Harish Kumar, from the College of Nursing, Aims Raipur, at Kendriya Vidyalaya BMY Bhilai on December 2, 2024. The primary objective of the session was to educate students about HIV/AIDS, its prevention, and to address and dispel common myths associated with the disease. The session was aimed at students from classes 5 to 12, ensuring that the information provided was delivered in a clear, age-appropriate manner. This initiative was part of the school's broader health education program, designed to raise awareness among children about this critical global health issue.

- **In-Service Education on Neonatal Resuscitationalgorism and HOCPR for District nursing officers: (26th& 27th March 2025):**The Department of Community Health Nursing and 4th-Year B.Sc. Nursing Students, in collaboration with the Departments of Neonatology and Physiology, organized an In-Service Education Session on Neonatal Resuscitation Algorithm & Hands-Only CPR (HoCPR) on 26th & 27th March 2025 at the College of Nursing, AIIMS Raipur. Designed for district nursing officers, the session aimed to enhance skills in neonatal resuscitation and emergency response through hands-on training and demonstrations.

Department of Child Health Nursing

- **World Breastfeeding Week Celebration (1-7 August 2024):**State Centre of Excellence for Nutrition Interventions, Department of Pediatrics, along with Child Health Nursing department, College of Nursing, AIIMS, Raipur celebrated World Breastfeeding Week from 1st to 7th August 2024. Various programs like, health talk, group counseling in ANC OPD, PNC ward, Pediatric OPD and immunization room, poster presentation, and lecture for nursing students were organized. The theme was “Closing the gap: Breastfeeding support for all.”
- **Newborn Week Celebration (19.11.2024 - 21.11.2024):**On the theme: “Safety, Quality and Nurturing Care- Birth Right of Every Newborn”, College of Nursing organized various events for creating awareness. The programs included role play, poster display, Capacity building program for ASHA workers & Awareness Program- Urban PHC, Khokhopara, Raipur, C.G, and CNE for nursing students, on Newborn care.

Department of Mental Health Nursing

- **World suicide prevention day, 10.09.2024**: BSc Nursing 3rd year students have conducted a psychodrama, under the theme “Changing the Narrative on Suicide” in the dome area for the public.
- Organized **sensitization program on “Ill effects prevention of substance abuse” on 12.09.2024**.
- **World Mental Health Day observation (10.10.2024):**On this occasion, the students made posters and models that were displayed in the dome area. Conducted a Mind teaser for faculty on the theme of “It is the time to prioritize the mental health in work place”.
- **Departmental CNE on 08.11.2024**, under the theme Foundation of wellbeing: Mental Health promotion in youth

Department of Medical Surgical Nursing

- **World Diabetes Day Observation & CNE - 10th October 2024:** An awareness program and health screening for the general public were conducted, followed by an educational session and a panel discussion for nursing students. The theme of the event was "Diabetes and Well-being."
- **State-Level Conference on World Cancer Day- 14th February 2025:** A state-level conference was organized on the occasion of World Cancer Day, themed "UNITED BY UNIQUE – Nurses' Role in Shaping the Future of Oncology Care." The event witnessed participation from over 700 delegates across Chhattisgarh.
- **World Kidney Day Observation – 13th March 2025:** World Kidney Day was observed with the theme "Are Your Kidneys OK? Detect Early, Protect Kidney Health." The event was organized in collaboration with the Nephrology Department and included a patient education program and a poster competition to raise awareness about kidney health.

Department of Obstetrics and Gynecology Nursing

- **National Safe Motherhood Day– 12thApril 2024:** National Safe Motherhood Day programme was organized on 12.04.2024 by B.Sc. (Hons) Nursing 3rd Year students in the Hospital Block at OBG OPD, Health Education and Role Play was conducted to depict the importance of safe motherhood.
- **Capacity building training programme on Prevention, detection and Management of Breast Cancer and Cervical Cancer:** Department of OBG Nursing, College of Nursing AIIMS Raipur in collaboration with ECHO India has initiated a capacity building training programme for nursing personnel on the topic' Prevention, detection and Management of Breast Cancer and Cervical Cancer'. Almost 100 nursing officers and faculty has registered for the programme. Launch was on March 7th 2025. Total 13 modules covering various aspects of breast and Cervical cancer will be covered in the training programme.5 modules completed as on March 31st 2025.ursing Foundation

Department of Nursing Foundation:

- **Hands on Training for First Aid Module (29 - 31 January 2025):** A Hands-on Training on First Aid Module was organized by Nursing Foundation Department, College of Nursing, AIIMS, Raipur

Academic Development:

CMEs/WORKSHOP/SYMPOSIA/NATIONAL & INTERNATIONAL CONFERENCES

S. No.	Faculty Member	Title	CME/Conference	Date	Organized by
1.	All Faculty Members	Orientation workshop on Research Methodology.	Workshop	28.8.2024	Research Review Committee, College of Nursing, AIIMS Raipur
2.		Ill effects and Prevention of Substance Abuse	Sensitization program	12.09.2024	Student Welfare Committee, College of Nursing
3.		World Diabetes Day	CNE	12.11.2024	Dept of Medical Surgical Nursing, College of Nursing AIIMS Raipur

S. No.	Faculty Member	Title	CME/Conference	Date	Organized by
4.		Foundation of wellbeing: Mental Health promotion in youth	Departmental CNE	08.11.2024	Dept. of Psychiatric Nursing, College of Nursing, AIIMS Raipur
5.		Sexual Harassment of Women at work place	Awareness Programme	12.11.2024	ICC, AIIMS Raipur
6.		World diabetes Day observation	CNE for Nurses on theme diabetes and well being	14.11.2024	Dept of Medical Surgical Nursing, College of Nursing AIIMS Raipur
7.		Newborn Care Week: Safety, Quality & Nurturing care	CNE	21.11.2024	Dept of Child Health Nursing, College of Nursing AIIMS Raipur
8.		Orientation Programme on ECHO	Webinar	07-08.01.2025 & 04.03.2025	College of Nursing, AIIMS Raipur and ECHO India
9.		Hands on training on first aid module	Workshop	29-31.01.2025	College of Nursing AIIMS Raipur
10.		Cervical Cancer Awareness ECHO Programme with AIIMS, Raipur	Online webinar sessions	27.01.2025	College of Nursing, AIIMS Raipur and ECHO India
11.		Fathers' engagement in maternity care	Departmental CNE	03.02.2025	Dept of OBGY, College of Nursing AIIMS Raipur
12.		“United By Unique”- Nurses Role in Shaping the Future of Oncology Care	State level conference on World Cancer Day	14.02.2025	Dept of Medical Surgical Nursing,College of Nursing AIIMS Raipur
13.		The Power of Data: Biostatistics for Nurses	2 days Online Training Workshop	20-21.02.2025	College of Nursing, AIIMS Raipur

S. No.	Faculty Member	Title	CME/Conference	Date	Organized by
14.	Dr. Binu Mathew	AI innovation in nursing education	Online International Digital seminar	05.12.2024	Oman College of Health resources
15.		Simulator on Nursing Care	Simulation week celebration	24.09.2024	College of Nursing Sultan Qaboos University
16.		Research Design and Biostatistics Training	Workshop	31.07-02.08.2024	AIIMS Raipur
17.		POSH Act	CME	December 2024	ICC,AIIMS Raipur
18.		Quality based Procurement	Workshop	31.08. 2024	Central Store Dept AIIMS, Raipur
19.		Cross Country Seminars-Construction of Simulation scenario	Online webinar	20.11.2024	College of Nursing, AIIMS Delhi in collaboration with Danish Universities
20.		World suicide prevention day	Webinar	11.09. 2024	AIIMS Raipur
21.		Prevention, Screening and early detection of cancers	Cancer Mukt Bharat, Webinar series for health care professionals: Bridging gaps:Expanding access to cancer care in India	26.06. 2024	ECHO, INDIA
22.		Preventive care for cancers in women	Cancer Mukt Bharat, Webinar series for health care professionals: Bridging gaps:Expanding access to cancer care in India	24.12 2024	ECHO, INDIA
23.		Palliative care in cancer care	Cancer Mukt Bharat, Webinar series for health care professionals: Bridging gaps:Expanding access to cancer care in India	23.01 2025	ECHO, INDIA

S. No.	Faculty Member	Title	CME/Conference	Date	Organized by
24.	Dr. Binu Mathew	"The impact of lifestyle & nutrition on cancer prevention"	Cancer Mukt Bharat, Webinar series for health care professionals: Bridging gaps: Expanding access to cancer care in India	20.03 2025	ECHO, INDIA
25.		Orientation Research workshop	Orientation program for Nursing Students	28.08 2024	Research Review Committee, CON, AIIMS Raipur
26.	Dr. J. Jeayareka	4TH Annual National Conference of Addiction Psychiatry Society of India (APSI)	Conference of Addiction Psychiatry	17-19.10.2024	SKIMS Medical College Bemina Srinagar, J&K
27.		Chairperson- sexual harassment and moral injury at the workplace	24thISPN Conference	07-09.02.2025	Indian Society of Psychiatric Nurses in collaboration with the College of Nursing, IGMCRI, Puducherry
28.		Chairperson- "Advances in the care of malignant cancer"	State level conference on "United by unique: Nurses' role in shaping the future of oncology care"	14.02 2025	Department of Medical Surgical Nursing, College of nursing, AIIMS RAIPUR
29.	Dr. J. Jeayareka, Mr. Prem Chander, & Mrs. Rohisha. I.K	It is Time to Prioritize Mental Health at the Workplace	National Conference	07-09.02.2025	Indian Society of Psychiatric Nurses in collaboration with the College of Nursing, IGMCRI, Pondicherry
30.	Dr. J. Jeayareka, Ms. Mitta Rama Devi	Library training program-use of clinical key & Scopus	Online training	09.082024	AIIMS Raipur
31.	Mrs. Vahitha S	National conference Obstetrical emergencies	Obstetrical emergencies	17.01 2025	Govt College of Nursing Rajnandgaon

S. No.	Faculty Member	Title	CME/Conference	Date	Organized by
32.	Mrs. Vahitha S	Review to Revolution: SystematicReviews and Meta analysis driven Nursing Interventions	Webinar	January 2025	SSCON, SBV University, Puducherry
33.	Mrs. Vahitha S Ms. Jissa Donel Ms. Bagavathi R Dr. Hitesh Choudhary	CME	POSH Act	December 2024	ICC,AIIMS Raipur
34.	Mrs. Vahitha S Dr Veena Verma Mr. Jayavel Mani Dr. Hitesh Choudhary	World suicide prevention day	Webinar	11.09 2024	AIIMS Raipur
35.	Dr Veena Verma Mr. Rohit Kumar	“Recent advancement in Cardiac Nursing”	Hands on Workshop & Conference	29-30.09.2024	Society of Cardiac Nursing in collaboration with AIIMS Nagpur
36.	Dr Veena Verma Mr P D Deepak	Diabetic Retinopathy Awareness and Care: A Practical Course	Diabetic Retinopathy Awareness and Care:A Practical Course (online mode)	12.08.2024 - 26.09.2024 (Every Monday, Thursday and Friday)	College of nursing, AIIMS New Delhi &Dr.Rajendrapr asad center for ophthalmic science, AIIMS NEW DELHI
37.	Dr Veena Verma Dr Solomon James MrsVetrichelvi Ms. Mitta Ms. Rama Devi Mr. Rohit Kumar Mr. Unnikrishnan Puliyakkuth	Hands only CPR	AHA AIIMS Raipur Community HOCPR training	15.05 2024	AHA AIIMS Raipur
38.	Dr Veena Verma Dr Solomon James Mrs Seema Maheshwari Mrs Vetrichelvi	Difficult airway management	Departmental CNE	29.08. 2024	Department of Medical Surgical Nursing, AIIMS Raipur
39.	Dr Veena Verma Mrs Suman Shinde Mr. Jayavel Mani Mrs Sonu Yadav	Patient safety	CME	Sep-24	AIIMS Raipur

S. No.	Faculty Member	Title	CME/Conference	Date	Organized by
40.	Mrs. Joyce Joseph	EMINDIA	Conference	07.08.2024-11.08.2024	AIIMS, Bhopal
41.		Academy for Clinical Emergency Nursing in India	Fellowship	09.08.2024	ACEN, AIIMS Bhopal
42.		Quality based Procurement	Workshop	31.08 2024	Central Store Dept AIIMS, Raipur
43.		Webinar on World Suicide Prevention Day	Webinar	11.09.2024	DGHS, MoHFW, GoI
44.		Partnership & collaborative work for nursing practitioners: in managing behavioural addiction & substance use disorders	Virtual conference	07.11.2024-08.11.2024	LGBRIMH, Assam
45.	Mrs. Joyce Jospeh, Mrs. Suganya P, Mrs. Chandramani Sahu & Mrs. Suman Shinde	6th National Workshop on Forensic nursing- 'Steps Towards Bright Future: Advancement in Forensic Nursing"	Conference	28.01 2025	Government College of Nursing, Mekhahara, Raipur
46.	Mrs. Suganya P	One-week online workshop on Advanced Statistical Data analysis using SPSS	Workshop	22.06.2024 - 28.06.2024	Resilient Foundation for Academic Innovation & Scientific Research, Registered with NITI Aayog, Govt of India.
47.		Online National Workshop on Systematic Reviews & Meta-Analysis	Workshop	18.10.2024-20.10.2024	Resilient Foundation for Academic Innovation & Scientific Research, Registered with NITI Aayog, Govt of India.
48.	Mrs. Suganya P Mrs. Rohisha I K	BMC Chhattisgarh Cancer Conclave 2024	Conference	20.09.2024 - 22.09.2024	BALCO Medical Centre

S. No.	Faculty Member	Title	CME/Conference	Date	Organized by
49.	Mrs. Chetna Sahu	LACTACON 2024 Procurement for Healthcare Professionals and Non-academic	National Conference	07.08.2024-08.08.2024	Mother Theresa Postgraduate & Research Institute of Health Sciences, Puducherry
50.		Quality based Procurement for Healthcare Professionals and Non-academic	Workshop	31.08 2024	Central Store Dept AIIMS, Raipur
51.		Down's Syndrome: Care, Science & Beyond	Webinar	21.3.2025	National Neonatology Forum, India
52.	Mrs. Suman Shinde	DECON International Diabetes and Endocrinology conference	International conference Hybrid mode	09.08.2024 - 10.08.2024	International Society of Endocrinology &DECON MEDICAL ACADEMY,Tamil Nadu, India.
53.		Weekly Classes on Diabetic Retinopathy	Online course	02.09.2024 - 24.10. 2024	College of Nursing, AIIMS New Delhi
54.		3rd National Conference on 'Nursing Power to change the World"	Conference - Hybrid Mode	01.03 2025	Government College of Nursing, Durg
55.		World Kidney Day- Are your Kidneys OK? Detect early, Protect kidney health.	Day observation events	13.03 2025	Department of nephrology, college of nursing, AIIMS Raipur
56.	Mrs. Chitrekha Sippy	20th International Conference of Telemedicine Society of India (TSI)-TELEMEDICON-2024	Conference	28.11.2024 -30.11.2024	PGI-Chandigarh (UT)
57.		2nd National Level Workshop.	Workshop	01.02. 2025	Govt. College of Nursing, Bilaspur, CG
58.	Ms. Bagavathi R	International conference	Exploring the boundless horizon of mixed method research	02.08.2024 - 03.08.2024	Yenepoya Nursing College, Mangalore

S. No.	Faculty Member	Title	CME/Conference	Date	Organized by
59.		One Week Online Workshop	Qualitative & Quantitative Data Analysis	21.09.2024-27.09. 2024	Resilient foundation for academic innovation and scientific research-New Delhi
60		Hands on workshop series	Systematic review and meta-analysis	16.11 2024 - 01.03.2025	Institute Research Cell,AIIMS Raipur
61.	Mr. P D Deepak	Prevention, Screening and early detection of cancers	Cancer Mukt Bharat, Webinar series for health care professionals: Bridging gaps:Expanding access to cancer care in India	26.06 2024	ECHO, INDIA
62.		Preventive care for cancers in women	Cancer Mukt Bharat, Webinar series for health care professionals: Bridging gaps:Expanding access to cancer care in India	24.12. 2024	ECHO, INDIA
63.		Palliative care in cancer care	Cancer Mukt Bharat, Webinar series for health care professionals: Bridging gaps:Expanding access to cancer care in India	23.012025	ECHO, INDIA
64.		Introduction to cardio metabolic syndrome	Cardio metabolic syndrome (CMS) monthly webinar series for healthcare professionals and public health practitioners	29.01.2025	ECHO, INDIA
65.		“The impact of lifestyle & nutrition on cancer prevention”	Cancer Mukt Bharat, Webinar series for health care professionals: Bridging gaps:Expanding access to cancer care in India	20.03.2025	ECHO, INDIA

S. No.	Faculty Member	Title	CME/Conference	Date	Organized by
66.		"Construction of simulation scenarios & Debriefing strategy & psychological support"	CROSS COUNTRY SEMINAR	20.11. 2024	College of nursing, AIIMS, NEW Delhi & DANISH University
67.	Mrs. Seema Maheshwari	CNE on Relactation	CNE	10.09.2024	CON,AIIMS Raipur
68.	Mrs. Seema Maheshwari & Mrs. A. Leelavathi	International webinar on introduction to Mixed method research	Webinar	11.09.2024	Manipal College of Nursing
69.	Mrs. Rohisha. I.K	Online National Workshop on Systematic Reviews & Meta-Analysis	Workshop	18.10.24-20.10. 2024	Resilient Foundation for Academic Innovation & Scientific Research, Registered with NITI Aayog, Govt of India.
70.		Training	Soft skills for Health care professionals	12.11.2024-14.11.2024	NIHFW, Newdelhi
71.		Webinar	Pressure Injury - Prevention, Assessment and Management ECHO support program	12.11.2024-14.11.2024.	College of Nursing, AIIMS Nagpur, in collaboration with ECHO India
72.		workshop	Research Design and Biostatistics Training	31.07.2024-02.08.2024	AIIMS Raipur
73.		conference	2nd NationalConference	17.01.2025	Government College of Nursing, Rajnandgaon, (C.G.)
74.		Virtual session	CNPD Virtual Session on "From Concept to Publication: A Step-by-Step Guide to Publishing Your Research Paper"	7.10.2024	Kailash Institute of Nursing & Paramedical Sciences and UP state medical faculty
75.		Virtual session	virtual session on patient safety and quality improvement	17.08.2024	MTIN in association with CHARUSAT and NRSI

S. No.	Faculty Member	Title	CME/Conference	Date	Organized by
76.		National Webinar	national webinar on forensic nursing	26.6.2024-27.06.2024	Vibrant college of nursing Surat and NSS
77.		International Webinar	Introduction to mixed method research	11.09. 2024	Manipal College of Nursing
78.		Seminar	strengthening health system in Uraban areas: nursing strategies for national urban health mission	11.03.2025	NHM Raipur District
79.		Quality based Procurement	Workshop	31.08.2024	Central Store Dept AIIMS, Raipur
80.		CME on pharmacovigilance	CME Programme	17.09.2024	Department of Pharmacology AIIMS Raipur
81.	Ms. Ritika Rocque	ChatGPT& AI Hacks with MS office	Online Workshop	08.08.2024	Skill Nation
82.		AI & Google Tools in Education	Online Webinar	18.08.2024	Dynamic Minds Groups
83.		Disaster Nursing- Path Ahead	Online Webinar	24.09.2024	CBS Publishers
84.		Navigating Academic conferences: presentation & paper Publication	Live online webinar	21.09.2024	Research Graduate
85.		Bridging the gap: Innovating Nursing Education for excellence in clinical practice	National Conference (online)	10.11.2024-11.11.2024	Godavari College of Nursing, Jalgaon in collaboration with MUHS Nashik and approved by MNC with 5 credit points
86.		Cross Country Seminars-Construction of Simulation scenario	Online webinar	20.11.2024	College of Nursing, AIIMS Delhi in collaboration with Danish Universities

S. No.	Faculty Member	Title	CME/Conference	Date	Organized by
87.		11th Webinar- Mastering: Live demonstration of Advanced Literature Search with Boolean Operators & Efficient Referencing with Mendeley	Online webinar	30.11.2024	Clinical Nursing Research Society (West zone) in collaboration with Nursing Next Live
88.		AI tools for Research	Short-term Training Course (Online)	16.01.2025-18.01.2025	GINRA Foundation
89.		International conference on "Advancing Research excellence: Strategies for high quality publications"	International conference (Online)	03.03.2024 - 04.03.2024	MKSSS Smt. BakulTambat Institute of Nursing Education, Pune-52, Sponsored by MUHS, Nashik
90.		Enhancing Excellence in Nursing Education and Practice by Capacity Building ECHO Program	Capacity Building ECHO Program (Online)	29.01.2024-15.02.2024	Government College of Nursing, Surat, in association with The Trained Nurses Association of India (TNAI), Gujarat State Branch
91.	Ms. Ritika Rocque & Mrs. Ramya R	Artificial Intelligence in Nursing	Online Webinar	29.08.2024	Society of Cardiac Nurses, Nursing Teachers Association of India and CBS Publishers
92.	Ms. Ritika Rocque & Mrs. Rohisha. I.K	Strengthening Health System in Urban Areas: Nursing Strategies for National Urban Health Mission	State level Workshop	11.03.2025	National Health Mission, Naya Raipur, Chhattisgarh
93.	Mrs. Suman Shinde Mrs. A. Leelavathi Mr. Sonu Yadav	Webinar on changing the narrative o suicide-start the conversation on world suicide prevention day 2024	Webinar	11.09.2024	Ministry of health and family welfare

S. No.	Faculty Member	Title	CME/Conference	Date	Organized by
94.	Dr. Nirupam Sahu	2nd National Level Conference	"The Changing Landscape of Mental Health Nursing Challenges, Perspectives and Navigating Complexity in Care"	01.02.2025	Government College of Nursing,Bilaspur, Seepat Road, Lagra,Bilaspur(C.G.)
95.		Workshop	SRMA	16.11. 2024 29.03.2025	AIIMS Raipur
96.		Workshop	Oral Cancer Prevention, detection, and awareness Capacity building ECHO for Nurses in Chhattisgarh	16.07.2024-28.09.2024	CGNRC
97.	Ms. Jissa Donel Dr. Hitesh Choudhary	Workshop	Research Methodology	31.07.2024-02.08.2024	Institute Research Cell,AIIMS Raipur
98.	Ms. JissaDonel Ms. Bagavathi R	National Workshop	Mixed Method Research	02.03. 2024	Department of Yoga &Naturopathy,AIIMS Raipur
99.	Mrs. Chhameshwari Verma	Spectrum Of Nursing Education	International Conference	14.02 2025	SMT. RadhikabaiMeghe Memorial college of Nursing DMIHER(DU) Sawangi(Meghe), Wardha, Maharashtra
100.	Dr. Solomon James Mrs. Sonu Yadav Mrs. Vetrichelvi Mr. Rohit Kumar Mr. Unnikrishnan Puliyakkuth	Nursing approaches to stroke management	Short term online course	Ongoing	NIMHANS Digital Academy
101.	Mr. Jayavel Mani	Revolutionizing Maternal and Child Health Care 2025	Conference	22.03. 2025	GITAM University, Visakapatinam

S. No.	Faculty Member	Title	CME/Conference	Date	Organized by
102.	Mr. Rohit Kumar Mr. Unnikrishnan Puliyakkuth	Pulmonary Medicine Update 2025- 6th National Symposium on Pulmonary medicine	National Symposium	08.03.2025 - 09.03.2025	Department of Pulmonary Medicine, AIIMS Raipur
103.		Advanced Trauma Care Nursing	Certificate Program	27.03.2025-29.03.2025	JIPMER Puducherry
104.	Mr. Rohit Kumar Ms. Mitta Rama Devi Mr. Unnikrishnan Puliyakkuth	"Statistics Made Easy: Basics to Advanced Bio-statistical Online SPSS Series (Season -2)"	Online Workshop	21.10.2024-28.10.2024	PGI Chandigarh
105.	Ms. Mitta Rama Devi Ms. Bhoomika	Publication Ethics	Webinar	20.06 2024	IQAC and research innovation cell of Pushpagiri CON, Thiruvalla
106.	Ms. Mitta Rama Devi	Simulation Training		26.03. 2025	AIIMS Raipur
107.		Forensic Nursing	National Webinar	26.06.2024 - 27.06.2024	Vibrant CON, Surat & NNSS
108.		CME on pharmacovigilance	CME Programme	17.09.2024	Medical College AIIMS Raipur
109.	Mrs. Sonu Yadav Ms. Bhoomika	Statistics made easy: Basics to Advanced biostatistical Online SPSS Series	Online Hands-on Workshop	21.10.2024-28.10.2024	Integrated Foundation
110.	Mrs. Sonu Yadav	Soft Skills and Personality Development	Short term course	18.09.2024 - 19.09.2024	GINRA Foundation
111.		Emotional Intelligence practitioner course	Self-paced Short Term Online Course	Ongoing	The Priority Academy Ltd., Udemy App
112.	Mrs. Ramya R	Forensic Nursing	Webinar	26.06.2024 - 27.06.2024	NNSS & Vibrant College of Nursing

LECTURES DELIVERED AT CMEs, NATIONAL & INTERNATIONAL CONFERENCES

S. No.	Faculty Member	Title	CME/Conference	Date	Organized by
1.	Dr. Binu Mathew	Research on Addiction nursing	Training course on Basics of addiction management for psychiatric Nurses	26.04.2024	College of Nursing AIIMS Kalyani
2.		Awareness session on Mental Health and well-being	World environment Day	05.06.2024	KendriyaVidyalayaBilaspur
3.		Interpersonal Violence	National Webinar on Forensic Nursing	26.06.2024	Vibrant College of Nursing, Surat, Gujarat
4.		Certification v/s experience for nurses-Debate	2nd Edition of BMC Chhattisgarh Cancer Conclave (Nursing)	22.09.2024	Balco Medical Centre , Raipur, C.G
5.		Role of Infection control among Nurses in Hospital -outbreak management and infection control	Workshop on Infection control	28.11.2024	LGB Regional Institute of Mental Health Tezpur Assam
6.	Dr. J. Jeayareka	Framing of research question objectives and hypothesis	Presented on the orientation research workshop organized by the research review committee of AIIMS,Raipur.	28.08.2024	AIIMS RAIPUR
7.		Ways to enhance work place mental health	School mental health programme at Community health Center	07.10.2024	KendriyaVidyalaya
8.	Mrs. Vahitha S	FOGSI Perinatology conclave 2024	Workshop on Nurses education program	September 2024	JIPMER, Puducherry
9.		National conference Obstetrical emergencies Shoulder Dystocia	National conference	January 2025	Govt College of Nursing Rajnandgaon
10.		CNE Cervical Cancer Awareness	CNE	February 2025	CON,AIIMS Raipur
11.		Introduction to breast cancer	ECHO India with CON AIIMS Raipur	March 2025	CON,AIIMS Raipur
12.	Dr Veena Verma	Hypoglycemia & its management	CNE on the occasion of world diabetes Day	30.01.2025	College of Nursing, AIIMS Raipur

S. No.	Faculty Member	Title	CME/Conference	Date	Organized by
13.	Dr Veena Verma	Panel Discussion on Oncological Emergencies & Nurses Role (Moderator)	State level conference on the occasion of WORLD CANCER DAY	14.02.2024	Department of Medical Surgical Nursing, College of Nursing, AIIMS RAIPUR
14.	Mrs. Joyce Jospeh	Mothers Empowerment: The dual benefits of breastfeeding for Health & Environment	Webinar	14.05.2024	AIIMS, Gorakhpur
15.	Mrs. Suganya P	Self-Care and Resilience in Oncology Nursing	BMC Chhattisgarh Cancer Conclave 2024	22.09.2024	BALCO Medical Centre
16.	Mrs. Chetna Sahu	Breastfeeding Position & Attachment, KMC	IYCF Lecture series for B.Sc. (Hons) Nursing 4th Year	06.04.2024	State Center of Excellence for Nutrition (SCoE4N), Dept of Pediatrics, AIIMS, Raipur
17.	Mrs. Chetna Sahu	Significance & Importance of Breastfeeding	National Conference – LACTACON 2024	07.08.2024-	Mother Theresa Postgraduate & Research Institute of Health Sciences, Puducherry
18.	Mrs. Chetna Sahu	Newborn Nutrition & KMC	Capacity building program on Newborn care for ASHA worker at Urban PHC Raipur	20.11.2024	CON, AIIMS, Raipur
19.	Mrs. Suman Shinde	Overview of Diabetes	CNE on World Diabetes Day Theme: Diabetes and Wellbeing	14.11.2024	Department of Medical Surgical Nursing, AIIMS Raipur
20.	Mr. P D Deepak	First Aid Management of Bleeding and Shock;ChestDiscomfort/ Pain	FIRST AID MODULE FOR BSC (Hons.) Nursing 1st semester students	30.01.2025	College of nursing, AIIMS Raipur
21.	Mr. Harish Kumar	Prevention of HIV/AIDS	AIDS awareness session-	02.12.2024	College of Nursing, AIIMS Raipur, at Kendriya Vidyalaya BMY Bhilai

S. No.	Faculty Member	Title	CME/Conference	Date	Organized by
22.	Mrs. Rohisha. I. K	Introduction, Causes, etc of HIV/AIDS	AIDS awareness session-	02.12.2024	College of Nursing, AIIMS Raipur, at Kendriya Vidyalaya BMY Bhilai
23.		Community Engagement & Participation	7th state level workshop on Empowering communities through nurse's – Led collaborations in community development projects	22.02.2024	Colombia College of Nursing , Raipur
24.	Mrs. A. Leelavati	Kangaroo Mother care	CNE on Safety, Quality and Nurturing care- Birth Right of Every Newborn	21.11.2024	CON, AIIMS, Raipur
25.	Dr. Nirupam Sahu	Solidarity and Community Support	CNE on Breast feeding week Observation	10.08.2024	MMI College of Nursing Raipur
26.		Monitoring of Newborn at Birth and ENBC	LECTURE	20.11.2024	PHC Khokhopara, Raipur
27.		Essential Newborn Care	CNE	21.11.2024	College of Nursing AIIMS Raipur
28.	Ms. Jissa Donel	Qualitative study on Role of Male partners in Birth Preparedness & Complication Readiness	Journal Club Presentation	06.02.2025	CON,AIIMS Raipur
29.		Early Detection, Diagnosis & screening of Breast Cancer	Module on Cervical & Breast Cancer Awareness,Prevention& Detection	13.03.2025	ECHO India with CON,AIIMS Raipur
30.	Mrs. Chhameshwari Verma	Capacity building program for ASHA workers on Prevention of neonatal infection	CNE	20.11.2024	College of Nursing AIIMS Raipur
31.		Prevention of Newborn infections	CNE	21.11.2024	College of Nursing AIIMS Raipur

S. No.	Faculty Member	Title	CME/Conference	Date	Organized by
32.	Dr Solomon James	First Aid of Stroke and Seizures	Hands on training on First aid	29.01.2025 - 31.01.2025	College of Nursing AIIMS Raipur
33.		Cancer Survivorship	State Level Conference World Cancer Day-Chairperson	14.02.2025	College of Nursing AIIMS Raipur
34.	Mr. Jayavel Mani	Hands on training on first aid module	Workshop	29.01.2025 - 31.01. 2025	College of Nursing AIIMS Raipur
35.		Safety,Quality & Nurturing care	CNE	21.11.2024	College of Nursing AIIMS Raipur
36.	Dr. Hitesh Choudhary	Introduction of cervical cancer	Module on Cervical & Breast Cancer Awareness,Prevention & Detection	15.04.2025	ECHO India with CON,AIIMS Raipur
37.	Mr. Rohit Kumar	Nutritional Management for Diabetes	"Diabetes and Well Being" World diabetes day observation	14.02.2025	College Of Nursing AIIMS Raipur
38.	Mrs Vetrichelvi	Symposium on sharpening the Skills of oncology nurses (Moderator)	State level conference on the occasion of WORLD CANCER DAY	14.022025	Department of Medical Surgical Nursing, College of nursing, AIIMS Raipur
39.	Ms. Mitta Rama Devi	Introduction to First Aid	Hands on training on First Aid Module	29.01. 2025	AIIMS Raipur
40.	Mr. Unnikrishnan Puliyakkuth	Bone marrow transplant	State Conference	14.02.2025	College Of Nursing AIIMS Raipur
41.		• Hemorrhagic shock • Extremity & Spine Immobilization	Advanced Trauma Care Nursing	27.03.2025-29.03.2025	JIPMER Puducherry

ORAL PAPERS/POSTERS PRESENTED

S. No.	Authors	Title	Conference	Date	Organised by
1.	Dr. J. Jeayareka	A study to assess the motivational enhancement package on reducing alcohol dependent clients in selected areas of Raipur, Chhattisgarh.	4TH Annual National Conference of Addiction Psychiatry Society of India (APSI)	17.10.2024-19.10. 2024	SKIMS Medical College Bemina Srinagar, J&K
2.	Dr. Veena Verma, Dr Yashwant Lamture, Dr Ruchira Ankar (Won 2nd Prize)	Poster Presentation on "Comparison of effectiveness of glycerin-paraffin combination in comparison of mustard oil among CKD patients with uremic xerosis & Pruritus"	Recent advancement in Cardiac Nursing	29.11.2024-30.11.2024	AIIMS Nagpur & SOCN
3.	Mrs. Joyce Joseph	Child with Multiple Organ Dysfunction: Nursing Strategies	EM INDIA	09.08.2024	AIIMS, BHOPAL
4.	Mrs. Joyce Joseph Mrs. Suganya P	Barriers for implementing Nursing Theory Based Practices in the clinical setting among nursing personnel	6thNational Level Workshop	28.01.2025	Govt. College of Nursing Raipur
5.	Mrs. Suganya Panneerselvam Mrs. Chitrekha Sippy	A cross-sectional study to assess the level of socio physique anxiety and self-esteem among undergraduate students in AIIMS Raipur	6thNational Level Workshop	28.01.2025	Govt. College of Nursing Raipur
6.	Mrs. Chandramani Sahu	Case Study on Psychogenic Polydepsia	6thNational Level Workshop	28.01.2025	Govt. College of Nursing Raipur

S. No.	Authors	Title	Conference	Date	Organised by
7.	Mrs. Suman Shinde	"Effect of emotional intelligence educational Program on adjustment problems faced by first year B.Sc. Nursing students of college of nursing, AIIMS Raipur, Chhattisgarh"	6th National Workshop at Govt. college of nursing on Forensic nursing	28.01.2025	Government College of Nursing, Mekhahara, Raipur
8.	Mr.Prem Chander	Effectiveness of health education program on knowledge regarding forensic nursing	ISPN Conference	07.02. 2025 - 09.02.2025.	Indian Society of Psychiatric Nurses in collaboration with the College of Nursing, IGMCRI, Puducherry
9.		Effectiveness of health education program on health promotion strategies	State Level Conference	14.02.2025	College of Nursing AIIMS Raipur
10.	Mrs. Rohisha. I.K	Retrospective Study on assessment of maternal factors associated with congenital anomalies among selected tertiary hospitals in Raipur	2nd National conference on Obstetrical Emergencies	17.01.2025	Govt College of Nursing, Rajnandgaon
11.		Work life balance among nurses working in primary, secondary and tertiary health care settings	24th Annual Conference of ISPN	07.02.2025 - 09.02.2025.	Indian Society of Psychiatric Nurses in collaboration with the College of Nursing, IGMCRI, Puducherry
12.	Mrs. Annamreddi Leelavathi	Women and Health: Challenges, Opportunities, and Solutions	National Conference for Women Empowerment & Voice	25.01.2025	VDGOOD Professional Association, India.

S. No.	Authors	Title	Conference	Date	Organised by
13.	Dr. Nirupam Nisha Sahu	Efficacy of intervention using modified Betty Neumann's Theory to develop a pathway in order to overcome stress among school going Preadolescents- A Mixed methodological Approach (Poster Presentation)	2nd National Level Conference	01.02.2025	Government College of Nursing,Bilaspur, SeepatRoad,Lagra,Bilaspur(C.G.)
14.	Mrs. Chhameshwari Verma	Efficacy of Integrated physical activity and habit modification on selected physiological parameters,Psycho-social aspects and Academic Stress in adolescents with risk of metabolic syndrome	International Conference	14.02.2025	SMT. RadhikabaiMeghe Memorial College of Nursing DMIHER(DU) Sawangi (Meghe), Wardha, Maharashtra
15.	Mr. Jayavel M	Assessment of the knowledge, attitude and utilization of Kishori BalikaYojana among adolescent girls (14-18yrs)	CNE	22.03.2025	GITAM University, Visakhapatnam

Departmental Projects – Non-Funded Projects/ ICMR-STS Projects/ Thesis/Dissertations

Ongoing

S. No.	Investigator	Project
1.	Dr. Binu Mathew	Barrier and facilitator of drug adherence among patient with psychiatric illness
2.	Dr. Binu Mathew Ms. C Cuny Hung Ms. Mudaliar Sandhya, Ms. Sumana Sen, Ms. Ritika Sahu, Ms. Varsha Ahlawat	Living with childhood cancer: perceived stress and coping strategies among parents of children with leukemia- A descriptive study

S. No.	Investigator	Project
3.	Dr. Binu Mathew Mrs. Rohisha I.K Ms. Ritika Rocque	Predictors of tobacco and related products usage among adolescents in Chhattisgarh in a view to provide one day sensitization workshop on tobacco control
4.	Dr. J. Jeayareka Ms. C. Cuny Hung Ms. Bhumika Yadav	Prevalence of psychosomatic symptoms among working and non-working women attending medical OPD. A Cross-sectional study
5.	Dr. J. Jeayareka Mrs. Chandramani Ms. Priyanka Chandra	Effectiveness of teacher training module on teacher's knowledge regarding behavioral problems among school children in selected schools in Raipur
6.	Mrs. Vahitha S Mrs. JissaDonel Ms. Ritika Sahu	Assess the quality of life, psychological distress and sexual dysfunction among women diagnosed with gynecological cancer in tertiary care hospital– A cross-sectional study from central India
7.	Mrs. Vahitha S Ms. Rama Devi Ms. Chhaya, Ms. Bhumika Yadav Ms. Priyanka Chandra, Ms.Shalini, Ms. Swati	To assess the knowledge, attitude and self-reported practices of self-medication among non-medical students in Selected Colleges of Raipur- A descriptive cross-sectional study
8.	Mrs. Vahitha S Mrs. Bagavathi R Ms. Shalini	Explore the lived experiences of pregnant women with sickle cell disease attending antenatal OPD in Tertiary Care Hospital at Central India –A Phenomenological study.
9.	Mrs. Vahitha S	Quality of life on PCOS women attending PCOS clinic.
10.	Dr. Veena Varma Mrs. Vetrichelvi	Effectiveness of pelvic rocking exercise on primary dysmenorrhea among selected students of AIIMS Raipur, Chhattisgarh.
11.	Dr. Veena Verma Dr. Solomon James Ms. Mudaliar Sandhya	Lived experiences of patients with heart failure at AIIMS Raipur - A qualitative study
12.	Dr. Veena Verma Mr. P.D. Deepak Ms. Sumana Sen	Efficacy of nurse led interventions on Symptom Cluster among lung cancer patients - A Randomized Controlled Trial
13.	Mrs. Joyce Joseph Mrs. Chetna Sahu Ms. Chhaya	To explore the Preoperative anxiety of adolescents admitted for surgery: A mixed method study
14.	Mrs. Joyce Joseph Mrs. Seema Maheshwari Ms. Varsha	To explore the multifaceted lived experiences of children with sickle cell disease (SCD) at a selected tertiary care facility, Raipur, Chhattisgarh - A Qualitative study
15.	Mrs. Joyce Joseph Dr. Hitesh Choudhary	Explore the home management practices for minor disorders of pregnancy among antenatal mothers in a selected tertiary care Centre Raipur - A qualitative study
16.	Mrs. Suganya P Mr. Prem Chander Ms. Swati	Barriers and Facilitators to Mental Health Service Utilization Among Caregivers and Healthcare Providers: A Qualitative Study

S. No.	Investigator	Project
17.	Mrs. Suganya P Mr. Unnikrishnan	Assess effect of sleep quality on academic performance and mental health among undergraduate students of selected Arts and science colleges in Raipur.
18.	Mrs. Suganya P Mr. Harish Kumar	Effectiveness of mindfulness therapy on fear of missing out (FOMO) and self-compassion due to social media use among undergraduate Nursing students.
19.	Mr. Rajendra Singh Mrs. Sonu Yadav	Assess the factors affecting compliance to diabetic therapeutic regimen in patients visiting selected OPD and ward /ICU of AIIMS Raipur.
20.	Mrs. Suman Shinde Mr. Abdul Munaf Mujawar	Effectiveness of an educational module on knowledge regarding hMPV (human metapneumovirus) and its prevention among parents of under 5 years of age in Rural community in Raipur.
21.	Mrs. Bagavathi R Mrs. Bhoomika	Assess the relationship between partner support and psychological distress among pregnant women attending ANC OPD AIIMS, Raipur.
22.	Mrs. Rohisha. I.K Mrs. Ramya R	Effectiveness of hands-on training on E-resources onKnowledge and utilization and explore the barriers in utilization among nursing students.
23.	Mrs. A. Leelavathi Ms. Ritika Rocque	Effectiveness of a caregiver competency development program on knowledge and skills for the management of foreign body aspirations in under-five children among caregivers.
24.	Mrs. JissaDonel Mr. Rohit Kumar	Extent of contraceptive usage and related facilitators and barriers among women of reproductive age group in selected units of
25.	Mrs. Chhameshwari Verma Dr. Nirupam Sahu	Efficacy of Emotion focused therapy on stress reduction and coping mechanisms among Mothers of neonates admitted in NICU, Raipur.
26.	Mr. Jayavel Mani Mrs. Renu Rekha	Quality of life among post valve replacement patients who underwent valve replacement surgery at AIIMS Raipur

Completed

S. No.	Name of investigators	Project
1.	Dr. Binu Mathew Mr. P.D. Deepak	Assessment of professional quality of life in terms of compassion satisfaction and compassion fatigue among nurses of AIIMS Raipur, Chhattisgarh
2.	Dr. Binu Mathew Mrs. Joyce Joseph Dr. Aditya Somani Ms. AlolikaDolai	An exploratory study on lived experiences of caregivers of individual with schizophrenia in selected tertiary care hospital in Raipur.
3.	Dr. Binu Mathew Mrs. Vahitha S Ms. Shubham Kumari	A study to assess the impact of perceived parental acceptance-rejection on self-esteem among adolescents residing in Raipur.

S. No.	Investigator	Project
4.	Dr. Binu Mathew Mrs. Suganya P Ms. Sheetal	A cross-sectional study to assess the compulsive buying behaviour and anxiety among the working women in tertiary care hospital at Raipur, Chhattisgarh
5.	Dr. J. Jeayareka Mrs. Chitrekha Sippy Dr. Sharda Singh Dr. Tushar B. Jagzape Ms. Neha Vashist	A mixed method study to assess moral development of girls and perceived parenting style of parents and girls (8-11years age) at selected setting in Raipur
6.	Mrs. Vahitha S	Assessment of emotional intelligence among newly joined nursing officers working in AIIMS, Raipur.
7.	Mrs. Vahitha S	Assessment of prevalence and level of knowledge of PCOS among Nursing College students at AIIMS Raipur
8.	Mrs. Vahitha S Mrs. Jissa Donel	Assessment of attitude, psychological and climacteric symptoms related to Menopause.
9.	Mrs. Veena Verma Mr. Rajendar Singh	Assessment of knowledge and practices of FAST HUG BID among intensive care unit nursing officers of AIIMS Raipur
10.	Mrs. Joyce Jospeh Mrs. Chetna Sahu	Assessment of knowledge, attitude and utilization of nursing theories among nursing personnels in AIIMS Raipur
11.	Mrs. Suganya P Mrs. Chitrekha Sippy	Assessment of Socio physique anxiety and self-esteem among undergraduate students in AIIMS Raipur
12.	Mrs. Rohisha. I.K Mrs. Chandramani Sahu	Assessment of maternal factors related to congenital anomalies
13.	Mrs. Bagavathi R Dr. Solomon James	Effectiveness of IEC package on knowledge and practice of lifestyle modifications regarding Gestational Diabetes Mellitus among Antenatal mothers visiting ANC OPD of AIIMS Raipur
14.	Dr. Hitesh Choudhary Mr. Prem Chander	Assessment of knowledge and preventive practices regarding Urinary Tract infection among adolescent females in selected school at Raipur, Chhattisgarh
15.	Mrs. Seema Maheshwari Ms. Ritika Rocque Mr. Abdul Munaf Mujawar	Effectiveness of parenting education programme on knowledge regarding the impact of excessive screen time on child health and behaviour among parents of children of 1-13 years of age at AIIMS Raipur
16.	Dr. Nirupam Sahu Mr. Jayavel Mani Mrs. Renu Rekha	Effectiveness of Lactation counselling on newborn feeding behaviour among primigravid mothers admitted in postnatal wards of AIIMS Raipur
17.	Mrs. A. Leelavathi Mrs. Rohisha. I.K Mr. Harish Kumar	Assessment of fear of childbirth and its associated factors among antenatal mothers attending antenatal OPD of selected tertiary hospital of Raipur District.
18.	Mrs. Chhameshwari Verma Mrs. Suman Shinde	Effectiveness of selected interventions on knowledge and practice regarding prevention of the metabolic syndrome among adolescents with risk of metabolic syndrome in selected schools of Raipur, Chhattisgarh

Collaborative Projects

Ongoing

S. No.	Faculty Member	Project	Collaborating Department/Institution
1.	Mrs. Vahitha S	Assess the knowledge, identify the risk factors and evaluate the effectiveness of self-practicing strategies on PCOS	Ph.D. Project
2.	Mrs. Joyce Joseph & Dr. Tushar B. Jagzape	Designing and Testing a Tool to measure Self-care agency based on Orem's Self-care model	Ph.D. Project Approved by Indian Nursing Council
3.	Mrs. Rohisha I K	Effectiveness of Emotional Intelligence Skill Training on emotional intelligence, work life balance, empathy, self-efficacy and inter professional communication skills among Nursing Personnel working in selected primary, secondary and tertiary health care settings of Raipur district"	(PhD Nursing Project)
4.	Ms. Ritika Rocque & Dr. Meena Ganapathy	A quasi-experimental study to evaluate the effectiveness of gender-inclusive strategies on school climate among children and school personnel of selected schools in two states of central India.	Ph.D. Project Approved by Maharashtra University of Health Sciences, Nashik
5.	Mr. Prem Chander& Dr. Laxmi	Effectiveness of nursing interventional package on quality of life of persons with paranoid schizophrenia	Ph.D. Project Approved by Indira Gandhi National Open University (IGNOU)
6.	Mrs. Bagavathi R	Perception, scope of practice and potential barriers in implementing nurse practitioner in midwifery (NPM)Program among various health care professionals.	Approved by Indian nursing council -under National consortium Ph.D. Nursing
7.	Dr. J. Jeayareka	Evaluating the Impact of Employee Welfare Programs on Job Satisfaction and Productivity: A Data-Driven Approach	Yet be finalized finalized
		Registered a systematic and meta-analysis study on Prospero on "systematic review and meta-analysis on the effectiveness of reflexology on pain among paediatric patients"	A Interinstitutional study (along with other AIIMS)
8.	Mrs. Jissa Donel	A study to explore women's choice of different birthing positions during labor attending selected antenatal clinics and lived experience of mothers who delivered in alternative birthing positions in selected birthing centres / units in India	Ph.D. Project Approved by Indian Nursing Council

S. No.	Faculty Member	Project	Collaborating Department/Institution
9.	Mrs. Seema Maheswari	A Study to Evaluate the Effectiveness of Intergraded Nurse –Led Empowerment Program (INLEP) On Addressing the Selected Effects of Visual Impairment (Perceived Stress, Coping Ability, Self – Efficacy, Quality of Life) and Exploring The lived experience of Children with Visual Impairment at Selected Special Schools in Raipur.	Sri BalajiVidyapeeth University

PUBLICATIONS

Dr. Binu Mathew Asian Journal of Nursing education and Research ISSN 2231-1149 (Print) vol.14 (Issue -02) April – June 2024. Pediatric obesity Nursing strategies or prevention.

Ethical consideration in Nursing education : Promoting integrity and Professionalism PPMPL Indian Journal of Advances in Pediatrics and Child Health Vol. 05 No. 1 (Jan – June 2024)

Stress and Coping strategies among nurses and midwives during assisted vaginal Delivery in pregnant women with COVID-19: A cross sectional study Journal of public Health & Primary care Published by Wolters Kluwer MedknowVol 5 issue September –

December 2024.

Dr. J. Jeayareka& Ms. Ritika RocqueSehaj Kaur Khurana, Ritika Rocque, Dr. J Jeayareka. Investigate the relationship between psychological empowerment and assertiveness among women working at a tertiary center in Central India. Int J Adv Psychiatric Nurs 2024;6(2):102-108.DOI: 10.33545/26641348.2024.v6.i2b.178

Mrs. Vahitha S, Dr. Binu Mathew Vahitha S, Geetha C, Binu Mathew Assessment of prevalence and knowledge of Poly Cystic Ovarian Syndrome (PCOS) – A cross sectional study from Central India, CuestionesdeFisioterapia, Volume 54 No 2 (2025), DOI: https://doi.org/10.48047/zw7bf816(Elseiver data base)
Tamil selvi C, Kumari M J, Vahitha S, Kubera N S, Effectiveness of video assisted teaching on prevention of constipation among postpartum women admitted in postnatal ward at a tertiary care hospital: a randomized controlled trail, BMJ Nutrition, Prevention & Health, doi:10.1136/bmjnph-2022-000605.
Sathya R, Vahitha S & Dr Yavana Surya J, Effect of nursing intervention on anxiety during labour among primigravida mothers in JIPMER Puducherry:Randomised controlled trial, Int Jour CliObs&Gyn, volume 7, Issue 2, ISSN: 2522-6622,

Mrs. Joyce Joseph & Mrs. Suganya P Joseph J, Shetty A P, P S. Self-Efficacy Among Adolescents with Sickle Cell Disease in a Central Indian Tertiary Care Hospital. Cureus, 17(1), January 2024

Mrs. Joyce Joseph Joyce J, Tom L M, Maji K, Sahu K, Gupta L, Bajpai K M A, Kaur K. Knowledge, attitude and utilization of Nursing Theories among Nursing Personnel: A cross-sectional study. medRxiv (preprint), May 2024.

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Mr. Jayavel Mani Jayavel Mani, Prabhat Kiran and Padmaja A, A pilot study to assess the knowledge, attitude and utilization of Kishori Balika Yojana among adolescent girls (14-18yrs) at rural Mahasamund, Chhattisgarh / IP Journal of Paediatrics and Nursing Science 2024;7(4):180–189
Jayavel Mani, Jayavel Mani, K. Prabhat Kiran, Padmaja A, Health Monitoring in Community under NRHM. Community Pub Health Nurs. 2024;9(3):117-125

Dr. Binu Mathew & Mrs. A. Leelavathi Leelavathi A and Binu Mathew. Pediatric Nursing in the Era of Telehealth: Opportunities and Challenges. Curr Sci Res Biomed Sciences 2025, 7(1): 180034.

Annamreddi L., Mathew B. (2025). Unlocking Potential: A Comprehensive Understanding of Right Brain Education for Children and Nurses Role, International Journal of Education and Professional Development in Nursing Science, 1(1), 11-15
AnnamreddiLeelavathi, Binu Mathew. Ethical Considerations in Nursing Education: Promoting Integrity and Professionalism. PPMPL Indian Journal of Advances in Pediatrics & Child Health.2024;5(1) :10-14

Mrs. Suganya P Ramasamy S, Galhotra A, Panneerselvam S, Agrawal S. A final push strategy for malaria elimination by 2030: Lessons from community health workers in Chhattisgarh. Journal of Education and Health Promotion. 2024 Sep 1;13(1):372.
Agrawal S, Panneerselvam S, Ramasamy S. A task shifting strategy for elimination of cervical cancer by 2030. Journal of Family Medicine and Primary Care. 2024 Aug 1;13(8):3467-8.
Panneerselvam S, Ramasamy S. Strategies to improve evidence-based practice competencies in nursing education: Addressing the need of the hour. Journal of Family Medicine and Primary Care. 2024 Aug 1;13(8):3441-2.

Mr. Prem Chander Chander P. Effectiveness of health education program on knowledge regarding health promotion strategies in the geriatric population of selected old age homes at Raipur, Chhattisgarh. J Fam Med Prim Care. 2024;13(5):1688-95.
DOI:10.4103/jfmpc.jfmpc_1333_23.

Mr. Prem Chander Dr. Binu Mathew Chander P, Mathew B, Choudhary P, Rekha, Majumdar R, Mandal R, et al. Effectiveness of structured health education program on knowledge regarding forensic nursing among B.Sc. (Hons.) Nursing third- and fourth-year students of the College of Nursing, AIIMS Raipur. J Fam Med Prim Care. 2025;14(1):317-21.
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Dr Veena Verma Enhancing Patient Outcome in Intra-Aortic Baloon Pump therapy: The critical role of Nurse Led Interventions" SEEJPH VolumeXXIV, S4,2024, ISSN:2197 -5248, Posted: 12-10-24.

Ms. JissaDonel JissaDonel and Anuchitra, S. 2025. "Evidence Based Comparison of Merits and Demerits of Different Birthing Positions and Practices -Narrative Review". International Journal of Development Research, 15, (01), 67589-67593. Posted:January 2025
Donel J, S Anuchitra. Midwifery model based birthing centres in India- recent innovation in maternity care. Int J Recent Innov Med Clin Res. 2025;7(1): Posted:March 2025

Mrs. Bagavathi R Bagavathi R , Mathew B ,et.al " Stress and coping strategies among nurses and midwives during assisted vaginal delivery in pregnant women with COVID 19 : cross sectional study , Journal of public health and primary care - 2024 :5:129-37.Posted:10.12.2024

Mrs. Rohisha I K Exploring emotional intelligence-implications for professional nursing practice in International Journal of Recent Innovations in Medicine and Clinical Research 2024;6(1):1–6Posted:September 2024
Reviewed 2 articles for Medical Journal of Dr. D.Y. Patil Vidyapeeth. Under Wolter Kluwer. 25th July 2024 & 12th August 2024

Mr. Rohit Kumar Uma Phalswal, Priyanka Dixit, Rohit Kumar, NipinKalal. Effect of different type of exercises on metabolic parameters in healthy post-menopausal women: A systematic review of randomized control trials. Journal of Caring Sciences. Feb 2025.

Mr. UnnikrishnanPuliyakkuth Puliyakkuth U, Ramamurthy L, Selvaraj RJ, Lalthanthuami HT, Subramaniyan R. Effect of early ambulation on comfort and vascular complications following electrophysiological studies: A randomized controlled trial. J Educ Health Promot. 2024 Aug;13(1)

Chapter(s) in Books

Sl No.	Author (s)	Chapter Title	Editor	Book	Edition	City of Publication	Publisher	Year of Publication	First-Last Page
1.	Mrs. Chetna Sahu	Chapter-30 Curriculum Evaluation & Curriculum Change	Dr. Sudhir Kumar Khuntia	Textbook of Nursing Education	1st	Gwalior	Xoffencer International Publication	2024	418-433
2.	Mrs. Chetna Sahu	Chapter 37 Evaluation of Educational Programs in Nursing	Dr. Sudhir Kumar Khuntia	Textbook of Nursing Education	1st	Gwalior	Xoffencer International Publication	2024	511-519
3.	Vahitha S Binu M, Geetha C	Hand book of PCOS and its significance		Book	First	Chennai, Tamil-nadu	Jaypee brothers	2024	1 to 230

Edited Book(s) and Monograph(s)-

Sl No.	Author (s)	Chapter Title	Editor	Book	Edition	City of Publication	Publisher	Year of Publication	First-Last Page
1.	Dr Hitesh Choudhary	Whole book	Dr Hitesh Choudhary	Nursing Foundation -I & II	1st Edition	Global	Amazon kindle direct publishing India	2024	
3.	Dr Hitesh Choudhary	Whole book	Dr Hitesh Choudhary	Nursing Management & Leadership	1st Edition	Global	Amazon kindle direct publishing India	2024	
4.	Dr Hitesh Choudhary	Whole book	Dr Hitesh Choudhary	Manual of Obstetrics & Gynecology I & II (Midwifery)	1st Edition	Global	Amazon kindle direct publishing India	2024	

AWARDS, HONOURS AND SIGNIFICANT EVENTS

Dr Veena Verma

- Received 2nd Position in scientific poster presentation at national conference organized by AIIMS Nagpur in collaboration with society of cardiology nurses.

Mrs. Joyce Joseph

- Got distinction in Pre-PhD exam conducted by RGUHS.
- Awarded 1st prize in paper presentation at 6th National Level Workshop organized by Government College of Nursing, Raipur

Mrs. Suganya P

- Awarded 3rd prize for scientific paper presentation at 6th National Level Workshop organized by Government College of Nursing, Raipur

Mrs. Chandramani Sahu

- Awarded 2nd prize for scientific paper presentation at 6th National Level Workshop organized by Government College of Nursing, Raipur

Mrs. Suman Shinde

- Awarded 2nd prize in reel making competition at Government College of Nursing, Durg
- Theme: Nurse are the backbone of healthcare system worldwide

Mr. Jayavel Mani

- Awarded 2nd prize for scientific paper presentation in National Conference on Beyond Limits Revolutionizing Maternal and Child Health Care at GITAM University, Vizag

Mr. Prem Chander

- Awarded 3rd prize for scientific paper presentation at State level conference organized by College of Nursing, AIIMS Raipur

Mrs. Rohisha I. K

- Secured 2nd prize in paper presentation on Work life balance among nurses working in primary, secondary and tertiary health care settings at 24th Annual Conference organized by IGMC Puducherry and ISPN -Theme : 'It is Time to Priorities Mental Health in the Workplace"- 7th to 9th February 2025

Dr. Nirupam Sahu

- Awarded 2nd prize for scientific poster presentation at NationalConference organized by Government College of Nursing, Bilaspur.

OTHERS

- Increased the intake capacity for Postgraduate (M.Sc. Nursing) seats from the academic year 2024–25 and introduced M.Sc. Nursing specializations in **Medical-Surgical Nursing, Child Health Nursing, and Obstetrical & Gynaecological Nursing**.
- Secured approval for short-term **In-Service Training Courses** for nurses on **Infection Control** and for nursing faculty on **Research Methodology** under the **Central Sector Schemes for the Development of Nursing Services**, Ministry of Health and Family Welfare, Government of India.
- **Partnership with Echo India** for conducting capacity building program for nurses in Chhattisgarh.

Department of Anatomy

Professor and Head
Dr. Soumitra Trivedi
Professors
Dr. Mrithunjay Rathore
Dr. A. U. Siddiqui
Dr. Manisha B Sinha
Additional Professor
Dr. Amit PurshottamTirpude
Assistant Professors
Dr. Dharam Singh Rathia
Dr. Rahul K Ukey

HIGHLIGHTS

- The Tenth Edition of Gross & Microanatomy Practical Manuals authored by the HoD and colleagues had been provided to 1st year MBBS students of 2023 batch.
- The First Edition of Neuroanatomy & Embryology Practical Manuals designed by the HoD and colleagues had been provided to 1st year MBBS students of 2023 batch.
- The First Edition of Osteology & Gross Anatomy Practical Manuals designed by the HoD and colleagues had been provided to 1st year MBBS students of 2023 batch.

EDUCATION

- Postgraduate teaching, training and research activities.
- Undergraduate teaching and training to MBBS 1st year, B.Sc. Nursing 1st year, Degree courses in OT Technician, trauma technician, MLT by adopting modern methodology in macro, micro, developmental, radiological, surface anatomy and genetics.
- Project work by some faculty is ongoing.
- Teachingof BSc OT Technology, Pre-trauma technology, MLT, Radiographic Technologies.
- Setting of Molecular reproduction Lab: research lab

CMEs/WORKSHOP/SYMPOSIA/NATIONAL & INTERNATIONAL CONFERENCES

S. No.	Title	CME/Conference	Date	Organized by
1.	"Sensitization and Skill–Building in Cytogenetics, Karyotyping, and FISH' organized	National CME cum Workshop	13-14.01.2025	Department of Anatomy
2.	Body-Donation Memorial Honor and Oath taking by First Year MBBS Students with an agenda for orientation and motivation of in general population regarding the Body donation awareness.	Workshop	08.02.2025	Department of Anatomy

LECTURES DELIVERED AT CMEs, NATIONAL & INTERNATIONAL CONFERENCES

Dr. Soumitra Trivedi

S. No.	Title	CME/Conference	Date	Organized by
1.	Brief history of Body donation, Body Donation awareness and Memorial honor of Donor's family	Workshop	08.02.2025	Department of Anatomy

Dr. Mritunjay Rathore

S. No.	Title	CME/Conference	Date	Organized by
1.	Keynote Speaker at National Research Symposium and International Yoga Conference	Yoga Sankalp 2024	17.03.2024	Indore
2.	Mindful Asana Practice for Cancer Survivorship	International Conference	08.12.2024	Lonavala
3.	Empowering Yoga Education through Advancements in Teaching Pedagogy of Yoga Practice: Aligning with NEP 2020	Continuing Medical Education (CME)	21-22.03.2025	Central University, Devprayag
4.	Yoga Anatomy Training and Teaching Session was conducted at Chandulal Chandrakar Memorial Government Medical College, at the Integrated Health Center, Durg, in celebration of International Yoga Day	Continuing Medical Education (CME)	21.06.2024	Government Medical College, at the Integrated Health Center, Durg
5.	A Yoga Anatomy Training and Session was organized for the NYSF Team &Patanjali	Continuing Medical Education (CME)	28.05.2024	Durg, Chhattisgarh

S. No.	Title	CME/Conference	Date	Organized by
6.	Yoga Anatomy Training and Teaching Program	Continuing Medical Education (CME)	18.03.2025	Dev SanskritiVishwavidyalaya (DSVV), Haridwar

Dr. Manisha B Sinha

S. No.	Title	CME/Conference	Date	Organized by
1.	Culture, Planting and Harvesting of Blood cell delivered in National CME & workshop	Sensitization and skill building in cytogenetics, karyotyping and FISH	13.01.2025 - 14.01.2025	Dept. of Anatomy AIIMS, Raipur
2.	Identification/ Analysis of Chromosome	Sensitization and skill building in cytogenetics, karyotyping and FISH	13.01.2025 - 14.01.2025	Dept. of Anatomy AIIMS, Raipur
3.	Body donation- its importance in medical field	Chattishgarh state electricity board	12.02.2025	CSEB office, Raipur
4.	Body donation	Training program for transplant co-ordinator, organized by Rotto Sotto West collaboration with Sotto Chhattisgarh	21.03.2025	DKS Hospital Raipur

ORAL PAPERS/POSTERS PRESENTED

S. No.	Title	Conference	Date	Organised by
1.	Aneupoloidies : A tertiary care centre study	12th international conference of society of clinical anatomists	04.04.2024	Dypatil Medical College Pune, Maharastra

RESEARCH

Funded Project

Completed

S. No.	Project	Principal Investigator	Funding Agency	Duration (years)	Start year-End year	Total funds sanctioned (Rs.)
1.	Karyotyping: as a good tool for screening of chromosomal disorder	Dr. Manisha B Sinha	AIIMS, Raipur	1-2years	Oct 2024 completed	5,00,000/

Departmental Projects – Non-Funded Projects/ ICMR-STS Projects/ Thesis/Dissertations

Ongoing

S. No.	Project
1.	A Study on the relative efficacy of Wet versus Dry Preserved (Plastinated) Specimens in the learning of Anatomical Relations of Human viscera by First year MBBS students in AIIMS, Raipur

PUBLICATIONS

Dr. S. Trivedi

1. Paper accepted in **Indian Journal of Otolaryngology and Head & Neck Surgery titled** 'Endoscopic Cadaveric Study of Anatomical Landmarks for Endoscopic Trans-Nasal And Trans-Sphenoidal Surgeries'

Dr. Mrithunjay Rathore

1. Rathore M, EktaKhandelwal. Unlocking the mind –body connection: An HRV –based assessment of cardiac autonomic responses to yogic posture. Indian Journal of clinical anatomy and physiology,2025,11(4):221-226
2. Paper accepted entitled Feasibility and Effect of Yoga on Quality of life in Patients with Chronic Kidney Disease on Peritoneal Dialysis – A mixed-method study" in Indian Journal of nephrology

Dr. Manisha B Sinha

1. Sinha M B, Padhi P, Agrawal S, Sahu N.Chromosomal Aneuploidies: A tertiary care centre study. Ind J ObstGynae Res, 2024; 11(4): 540-547. (scopu indexed)
2. Sinha M B, Sharma C. Clinical, Genetic , Biochemical, hormonal, and radiological Profile in Patients with disorders of sex Development presenting at a tertiary care center in Central India. Nat J ClinAnat 2024; 13:121-128. (scopus Indexed)
3. Sinha MB, Rathia DS, Dada R, Sinha H P.A Comprehensive Analysis of Y-Chromosome Microdeletions and Their Relationship to Male Infertility and Lifestyle Variables.april 2024 DOI10.7759/cureus.57375 (pubmed)

Dr. Dharam Singh Rathia

1. Sinha M B, **Rathia D S,** Dada R, et al. (April 01, 2024) A Comprehensive Analysis of Y-Chromosome Microdeletions and Their Relationship to Male Infertility and Lifestyle Variables. Cureus 16(4): e57375. DOI 10.7759/cureus.57375.
2. **Rathia D S,**Konuri V K (May 13, 2024) From Data to Design: Constructing Scapula and Hip Bone Through Online Datasets, Open-Source Software and 3D Printers. Cureus 16(5): e60212. DOI 10.7759/cureus.60212.

AWARDS, HONOURS AND SIGNIFICANT EVENTS

Dr. Soumitra Trivedi

Endoscopic teaching & training of anterior skull base, nose & paranasal sinuses and surgical anatomy of middle and inner ear in relevance to cochlear implant surgeries.

Dr. Mrithunjay Rathore

Conducting various Yoga Anatomy Training and Teaching Sessions.

Dr. Manisha B Sinha

Organizing Chairperson of National CME & workshop "Sensitization and skill building in cytogenetics, karyotyping and FISH" Dept. of Anatomy at AIIMS, Raipur on date 13 & 14 Jan 2025.

Department of Anaesthesiology

Professor and Head
Dr. Subrata Kumar Singha
Professor
Dr. Monica Malhotra
Additional Professors
Dr. Rashmi Dubey
Dr. Rampal Singh
Dr. Mayank Kumar
Dr. Sarita Ramchandani
Associate Professors
Dr. Chinmaya Kumar Panda
Dr. Mamta Sinha
Dr. Pradeep Khobragade
Dr. Jitendra Kalbande
Dr. Nupur Karan
Assistant Professor
Dr Ketki Deotale

HIGHLIGHTS

The Department of Anaesthesiology at All India Institute of Medical Sciences (AIIMS) Raipur has made significant strides in the past year, showcasing excellence in patient care, education, and research.

The Department is running over 18 operation theaters along with emergency services and has witnessed a remarkable increase in the number of major cases performed with more than 14% yearly growth. This growth is attributed to the department's commitment in providing high-quality perioperative care and its collaboration with other specialties, leading to an overall enhancement in patient outcomes with OT utilization time over 140%. The department is committed in expanding its surgical and critical care services. 13-bedded Critical Care Unit (CCU) annually admits over 800 critically ill patients encompassing both medical and surgical backgrounds. Equipped with comprehensive facilities including mechanical ventilation, dialysis, bronchoscopy, Point-of-Care

Ultrasound (POCUS) and extra Extracorporeal Membrane Oxygenation (ECMO), the Department provide tertiary-level care for the critically ill patients. The department has introduced a specialized Interventional pain medicine unit, catering to patients suffering from chronic pain conditions. The department procured an ozone generator, which has helped in treatment of various pain conditions through minimal access techniques.

The Department is giving Non Operative room Anaesthesia (NORA) services for the department of Psychiatry (ECT) and Radiology (CT, MRI, DSA, Cardiology Cath Lab). The Department organized World anaesthesia (Ether) day to make awareness of history of anaesthesia on the 16th October.

The Super-specialty OT complex is dedicated to performing & administering anesthesia and postoperative care for complex congenital cardiac surgeries, adult cardiac surgeries, thoracic cases under one lung ventilation. The division of cardiac anesthesia provides anaesthesia for cases like Alveolar proteinosis referred from Pulmonary medicine and for cardiac catheterization lab procedures as well. The Neuroanaesthesia division administers anesthesia for complex and challenging neurosurgeries. Deep brain stimulation and awake craniotomies are performed regularly benefitting the common people of Chhattisgarh. Renal transplant is being routinely performed. Anaesthesia coverage has been successfully provided for SWAP Renal Transplant and more than 50 renal transplants.

3 days National Workshop cum CME/ Conference EPIC-2025 was successfully conducted where more then 17 faculties joined to educate more than 150 delegates.

EDUCATION

The department of Anaesthesiology is running the Post-Doctoral Certificate Courses (PDCC) in a Pain and Palliative Medicine, Neuro Anaesthesia, Obstetrics Anaesthesia, PaediatricsAnaesthesia, OncoAnaesthesia and have started DM in Cardiac Anaesthesia and DM in Critical Care.The department's postgraduate students have continued to excel in national-level quiz competitions, paper and poster presentations.

The post graduates have won the following Prizes in year-2024

1) 2nd Prize in Poster Competition CGISACON-2024

Post Graduate have joined DM Courses

1) DM in Cardiac Anaesthesia at AIIMS Raipur
2) DM in Neuro Anaesthesia at AIIMS Raipur
3) BLS/ACLS Internship AIIMS Raipur
4) The Department is running a course in BSc in OT Technology as well.

LECTURES DELIVERED AT CMEs, NATIONAL & INTERNATIONAL CONFERENCES

Dr Subrata Kumar Singha

S. No.	Title	CME/Conference	Date	Organized by
1.	HFJV & its Application	National Airway Conference 2024	17-19.09.2024	IDAA, Conducted by AIIMS Manglagiri
2.	'Use of USG in Neurosurgery'.	71st Annual National Conference of the Indian Society of Anesthesiologists, ISACON 2024	20-24.11.2024	ISA &Patna City Branch & Bihar State Chapter
3.	Aneurismal Surgery- Recent Advance	71st Annual National Conference of the Indian Society of Anesthesiologists, ISACON 2024	20-24.11.2024	ISA & Patna City Branch & Bihar State Chapter
4.	AI in Mechanical Ventilation.	CME cum Workshop “Evidence Based Practices in Intensive Care	31.01-02.02.2025	Dept. of Anaesthesiology AIIMS Raipur
5.	“Evidence Based Practices in Intensive Care”	CME cum Workshop	31.01.-02.02.2025	Academic section AIIMS Raipur
6.	Echocardiography use in hemodynamic monitoring	CME cum Workshop “Evidence Based Practices in Intensive Care”	31.01-02.02.2025	Department of Anaesthesiology AIIMS, Raipur
7.	A New breath: future of “Organ Support”	CME cum Workshop “Evidence Based Practices in Intensive Care”	31.01-02.02.2025	Department of Anaesthesiology AIIMS, Raipur
8.	Basics of TEE	Workshop	07.03.2025	Department of Trauma & Emergency AIIMS, Raipur
9.	ERAS for GI surgery	1 st National Conference of Society for Preoperative Medicine	05-06.10.2024	SGPGI, Lucknow
10.	Conducted workshop and demonstration of Transoesophageal workshop – Hemodynamic workshop	CME cum Workshop “Evidence Based Practices in Intensive Care”	31.01-02.02.2025	Dept. of Anaesthesia, AIIMS Raipur
11.	Overview of Hemodynamic monitoring.	ISA Meet, Visakhapatnam	22.03.2025	ISA city branch, Vizag

Dr. Monica Malhotra

S. No.	Title	CME/Conference	Date	Organized by
1.	Lung USG	EPIC 2025 CME cum Workshop	31.01.2025	Dept. of Anaesthesia, AIIMS Raipur
2.	Personalized Medicine in critical care,caring beyond Protocols	EPIC 2025 CME cum Workshop	01.02.2025	Dept. of Anaesthesia, AIIMS Raipur

Dr. Rashmi Dubey

S. No.	Title	CME/Conference	Date	Organized by
1.	Paramedics and nursing workshop	5th International & 15th National Conference of Indian College of Anaesthesiologists (ICACON)	12.09.2024	Department of Anaesthesia & Critical Care, King George's Medical College, Lucknow
2.	Quick Bites focused approach	5th International & 15th National Conference of Indian College of Anaesthesiologists (ICACON)	12.09.2024	Department of Anaesthesia & Critical Care, King George's Medical College, Lucknow
3.	Emergencies in Neuroanaesthesia	CGISACON 2024 (19th Annual state conference)	22.09.2024	Bilaspur society of anaesthesiologists and dept. of anaesthesiology CIMS, Bilaspur
4.	POCUS workshop	CME cum Workshop “Evidence Based Practices in Intensive Care”	31.01.2025	Department of Anaesthesiology AIIMS, Raipur
5.	Oxygen and Beyond Respiratory Frontiers	CME cum Workshop “Evidence Based Practices in Intensive Care”	31.01.2025	Department of Anaesthesiology AIIMS, Raipur

Dr. Rampal Singh

S. No.	Title	CME/Conference	Date	Organized by
1.	Preparation of Patient for Difficult Airway	CME cum Workshop	18.05.2025	Department of Anaesthesiology AIIMS, Raipur

S. No.	Title	CME/Conference	Date	Organized by
2.	SCOPING the SPINE	10th National & 2nd International Conference of ISPCCON 2024	13-15.09.2024	Division Pain & Medicine, Department of Anaesthesiology AIIMS Rishikesh
3.	Sacro-Iliac Joint Interventions under Ultrasound Guidance	10th National & 2nd International Conference of ISPCCON 2024	13-15.09.2024	Division Pain & Medicine, Department of Anaesthesiology, AIIMS Rishikesh
4.	"End of life care"- what else beyond morphine	39th Annual National Conference (ISSPCON 2025)	06-09.02.2025	ISSP City Branch, Jabalpur, Madhyapradesh AIIMS Rishikesh
5.	Pain Management and Nerve Blocks in the Perioperative Period	29th Annual National Conference ARSICON 2025	11-12.02.2025	Department of Anaesthesia ,Ganiyari, Bilaspur, CG AIIMS Rishikesh
6.	Scalp Block & Facial Block	29th Annual National Conference ARSICON 2025	11-12.02.2025	Department of Anaesthesia , Ganiyari, Bilaspur, CG AIIMS Rishikesh

Dr Mayank Kumar

S. No.	Title	CME/Conference	Date	Organized by
1.	Difficult intubation- Video Laryngoscopy, Fibre Optic Intubation	Airway Management: Trauma & Emergency Perspective (AMTEP)	19.04.2024	Dept of Trauma & Emergency, AIIMS Kalyani, West Bengal
2.	Conducted a session during the workshop on Regional Anaesthesia, focusing on Above Clavicle Brachial Plexus Blocks (BPB), including: Interscalene Block, Supraclavicular Block and SCUT Block (Selective Cord and Upper Trunk Block)	71th Annual Conference of the Indian Society of Anesthesiologists (ISACON National 2024)	20-24.11.2024	ISA Bihar State branch
3.	DVT and Vascular Access & Airway Ultrasound.	CME cum Workshop "Evidence Based Practices in Intensive Care"	31-02.02.2025	Department of Anaesthesiology AIIMS, Raipur

S. No.	Title	CME/Conference	Date	Organized by
4.	Ultrasound-Guided sacral erector spinae plane block versus caudal epidural block for postoperative analgesia in children undergoing hypospadias surgery: Randomized controlled study	16 Annual National Conference IAPA 2025	14 - 16.02.2025	Indian Association of Pediatric Anesthesiologists (IAPA) Pune, Maharashtra.
5.	Emergency Airway Algorithm-Streamlining Emergency Airway Management	Airway Management: Trauma & Emergency Perspective (AMTEP)	19.04.2024	Dept of Trauma & Emergency, AIIMS Kalyani, West Bengal
6.	Percutaneous Tracheostom Airway Management	CME cum Workshop	18.05.2024	Department of Anaesthesia AIIMS, Raipur
7.	Advanced airway equipment in neonate: Scopes and Tracheostomy sets	Workshop on Neonatal Airway	21.07.2024	Pt JNM Med College Raipur
8.	Pediatrics Anaesthesia: Unique challenge	Annual Conference of the Indian Society of Anaesthesiologists, Chhattisgarh State (CGISACON 2024)	21-22.09.2024	ISA Bilaspur City Branch
9.	TIVA in Paediatric patients: A sneak peek into Indian scenario	63rd Annual Conference of the Indian Society of Anaesthesiologists (ISACON Delhi 2024)	28-29.09.2024	ISA Delhi State branch
10.	Ultrasound in morbidly obese patients.	71thAnnual Conference of the Indian Society of Anaesthesiologists (ISACON National 2024)	20-24.11.2024	ISA Patna State branch
11.	Brain Death Declaration, Section 3: Objective and Form 10 Certification of Brain Death and Its Legal Implications	Training Programme in Transplant Coordination, DKS Super Specialty Hospital, Raipur, Chhattisgarh.	18.03.2025	ROTTO-SOTTO, West

Dr. Sarita Ramchandani

S. No.	Title	CME/Conference	Date	Organized by
1.	Basic Airway Management Workshop (BAMW)	7th International Airway Congress of AMF,Workshop	14.09.2024	Airway Management Foundation
2.	Airway Management in Times of Crisis (AMTOC)	7th International Airway Congress of AMF (IACON) Workshop	15.09.2024	Airway Management Foundation

S. No.	Title	CME/Conference	Date	Organized by
3.	AHA Instructor	**Workshop:** BLS/ACLS Provider & Instructor Course	23-25.11.2024	NH MMI Hospital Raipur
4.	Thyroid Surgery - Anaesthesia Concerns	**CME:** Multidisciplinary Management of Thyroid Disorders	21.02.2025	Department of ENT & HNS, AIIMS Raipur
5.	PBLD - Neuraxial techniques for labour analgesia	**Conference:** 33rd Annual National & 4th International Conference of Research Society of Anaesthesiology Clinical Pharmacology 28th – 30th March, 2025	28.03.2025	Department of Anaesthesiology, AIIMS, Bhatinda (Punjab)
6.	Obstetric Emergencies and Critical Incidents	Workshop	30.03.2025	Department of Anaesthesiology, AIIMS, Bhatinda (Punjab)

Dr. Chinmaya Kumar Panda

S. No.	Title	CME/Conference	Date	Organized by
1.	Echocardiography use in ICU	Conference (Workshop)	24.08.2024	AIIMS Delhi
2.	Delirium in ICU	Conference (Workshop)	25.08.2024	AIIMS Delhi
3.	Physics and Knobology	TRACE-ICU: POCUS 2025.	15.02.2025	AIIMS Guwahati
4.	Renal Issues in Neuro ICU	Comprehensive Neurocritical Care Course (CN3C)	30.03.2025	Ramkrishna Care HospitalRaipur
5.	Sedation and analgesia in the critically ill-let's speak about the less spoken	Conference	15.09.2024	AIIMS Raipur
6.	Management of DLBCL, Double Hit & Triple Hit lymphomas	State-Level Conference on Diagnosis and Management of Lymphoma	18.03.2025	AIIMSRaipur

Dr. Mamta Sinha

S. No.	Title	CME/Conference	Date	Organized by
1.	Difficult Airway Update	CME & Workshop	18.05.2024	Department of Anaesthesiology, AIIMS, Raipur
2.	“Airway Management”; “Supra glottic Airway Devices	CGISACON 2024	21-22.09.2024	ISA Chhattisgarh branch

S. No.	Title	CME/Conference	Date	Organized by
3.	Epidural Test Dose with Lidocaine and Adrenaline Must Be Given in Pregnant Women Before Epidural Top-Ups	ISACON National, 2024	20-24.11.2024	Indian Society of Anesthesiologists
4.	Conducted workshop and demonstration of FAST, e-FAST & Diaphragm ultrasound	CME cum Workshop "Evidence Based Practices in Intensive Care"	31.01-02.02.2025	Department of Anaesthesia AIIMS, Raipur

Dr. Pradeep Khobragade

S. No.	Title	CME/Conference	Date	Organized by
1.	Yatharthcon: POCUS & Regional anaesthesia	CME cum Workshop	13-15.09.2024	yatharth hospital, gr. Noida
2.	Ultrasound Guided Cadaveric Regional Anaesthesia (VESALIUS)	WORKSHOP	28-29.09.2024	Department of Anaesthesia & Anatomy AIIMS Nagpur
3.	Perioperative myocardial infarction (EPIC 2025)	CME cum Workshop	31.01-01.02.2025	Department of Anaesthesiology AIIMS RAIPUR

Dr. Jitendra Kalbande

S. No.	Title	CME/Conference	Date	Organized by
1.	EPIC 'Haemodynamic monitoring'	workshop	31.01.2025	Dept of Anasethesiology AIIMS Raipur.
2.	Difficult airway update - cricothyroidotomy	CME Cum workshop	18.05.2024	Dept. of Anasethesiology, AIIMS Raipur.

Dr. Nupur Karan

S. No.	Title	CME/Conference	Date	Organized by
1.	Shaping tomorrow through evidence based insight: Evidence based practices in intensice Care	EPIC 2025	31.01-02.02.2025	Department of Anaesthesiology AIIMS Raipur

Dr. Ketki Deotale

S. No.	Title	CME/Conference	Date	Organized by
1.	Difficult Airway Algorithm/ Difficult Airway Cart- lecture	Difficult Airway Update- CME	18.05.2024	AIIMS Raipur- Department Of Anesthesiology

ORAL PAPERS/POSTERS PRESENTED

S. No.	Authors	Title	Conference	Date	Organised by
1.	Singh R	Efficacy of Atlanto-axial joint steroid Injections in managing cervicogenic headache: a case series of five	ISSPCON 2025	06.02.2025 to 09.02.2025	ISSP City Branch, Jabalpur, Madhyapradesh
2.	Panda CK	Comparative Efficacy of Oral Melatonin versus Oral Clonidine for Attenuation of Intubation Response in Paediatric Surgical Patients: A Double-Blinded Randomized Controlled Trial	ESPA 2024	27.09.2024	European Society Paediatric Anaesthesia Megaron international centre, Athens Greece

RESEARCH

Funded Project

Completed:

S. No.	Project	Principal Investigator	Funding Agency	Duration (years)	Start year-End year	Total funds sanctioned (Rs.)
1.	Association of Serum C-reactive Protein with Postoperative Delirium among Patients undergoing major abdominal surgeries: a observational study.	Dr. Mayank Kumar	Intramural (AIIMS, Raipur)	01 Year 06 Month	2022-2024	5 Lakhs
2.	Diagnostic ability of hypotension prediction index in prediction of intra-dialytic hypotension in mechanically ventilated critically ill patients: A diagnostic study.	Dr. Chinmay Kumar Panda	Intramural	01 Year	2024-2025	5 Lakhs

Departmental Projects – Non-Funded Projects/ ICMR-STS Projects/ Thesis/Dissertations

Ongoing

S. No.	Project
1.	Effect of low dose intrathecal morphine as a part of multimodal analgesia in patients undergoing cardiac surgery through sternotomy – A randomized study
2.	Effect of Pregabalin premedication on emergence agitation in Paediatric infraumbilical abdominal surgery after sevoflurane anaesthesia, double blinded randomized placebo control study
3.	Comparative analysis of sugammadex versus neostigmine as an effective reversal agent in paediatric abdominal and urogenital surgeries under GA – A randomized control study
4.	Comparison of hematological changes in children with congenital heart disease – pre and post repair: an observational study.
5.	Comparison of opioid free versus opioid based anaesthesia for supratentorial tumors: A prospective randomized controlled study"
6.	Effects of pregabalin on perioperative opioid-sparing effects on patients undergoing craniotomies for brain tumors: A Randomized, double-blinded, placebo-controlled study"
7.	Comparison of efficacy of intranasal, nebulized, and intravenous routes of dexmedetomidine for blunting hemodynamic response to laryngoscopy and tracheal intubation in elective intracranial surgeries: A prospective, randomized, single-blind clinical study
8.	Comparison of total intravenous anaesthesia (TIVA) versus inhalational anaesthesia during elective spine surgery- A randomised controlled study
9.	Comparative study of efficacy and safety between two different doses of dexamedetomidine combined with ropivacaine for caudal block in lumbosacral spine surgeries
10.	Effects of pregabalin on perioperative opioid-sparing effects on patients undergoing craniotomies for brain tumors: A Randomized, double-blinded, placebo-controlled study"
11.	Randomised double-blind comparative clinical study to compare efficacy of thoracic splanchnic nerves radiofrequency ablation at T11 and alcohol chemical neurolysis in upper abdominal cancer pain.
12.	To study the Effectiveness of ultrasonic measurement for the hyomental distance in predicting difficult laryngoscopy in children undergoing elective surgery under general anesthesia.
13.	Ultrasound-guided quadratus lumborum block versus ultrasound-guided caudal epidural block for post-operative analgesia in children undergoing lower abdominal surgeries: A prospective randomized controlled study
14.	Comparison of driving pressure guided optimum versus fixed Positive End Expiratory Pressure (PEEP) to prevent atelectasis of lungs in pediatric laparoscopic abdominal surgery cases: a prospective randomized double-blind study
15.	Attenuation of haemodynamic response to laryngoscopy and tracheal intubation with intravenous morphine - a randomized comparison of four different timings.
16.	Relationship between severity of anemia and acid base parameters - a pilot study.
17.	To study the correlation between body mass index and the distance from skin to lumbar epidural space under ultrasound guidance in term parturients a prospective, cross sectional, observational study.
18.	To study the correlation between ultrasound guided optic nerve sheath diameter measurements, as a surrogate marker of raised ICP at various time points in the post natal period with respect to timing of stopping of magnesium sulphate therapy, in pre-eclamptic patients with severe features– a pilot study

S. No.	Project
19.	To study the role of IVC collapsibility index measured in left lateral position to predict post spinal anaesthesia hypotension in women undergoing elective caesarean section – prospective, observational, cross sectional study.
20.	Comparison of ultrasound guided external oblique intercostal plane block and subcostal transversus abdominis plane block for laparoscopic cholecystectomy surgeries: A prospective, randomized controlled clinical study.
21.	Comparison between midline and paramedian approach for ultrasound assissted spinal anesthesia in elderly patients a randomised controlled study.
22.	Comparison of intranasal versus intravenous dexmedetomidine efficacy in quality of surgical field visualization in functional endoscopic sinus surgery: a prospective, randomized controlled clinical study
23.	To study the effect of the combination of preoperative oral melatonin and postoperative pectointercostal fascial block versus postoperative pectointercostal fascial block alone for postoperative pain management in patients undergoing open cardiac surgery- A prospective randomized study
24.	Validation of Difficult Spinal arachnoid Puncture Score (DSP-Score): An observational Study
25.	Effect of inhalational agent on pre intubation oxygenation and hemodynamic parameters; a randomized single-blind pilot study.
26.	Comparison of hematological changes in children with congenital heart disease - pre and post-repair: an observational study.
27.	A comparison of intraoperative VExUS score with central venous pressure and pulse pressure variation in guiding fluid management in patients undergoing valvular cardiac surgery: an interventional study
28.	Comparison of effect of Subanesthetic dose of Intravenous Ketamine + Lignocaine versus Intravenous Dexmedetomidine on the intubating conditions and hemodynamic stability in awake fiberoptic intubation for anticipated difficult airway: a randomized clinical study
29.	Effect of a low dose of intrathecal morphine as a part of multimodal analgesia in a patient undergoing cardiac surgeries through sternotomy; open-labeled randomized clinical trial.

Completed

S. No.	Project
1.	Comparison of propofol versus ketamine- propofol combination as an anesthetic agent in supratentorial tumors: A prospective randomized controlled study"
2.	Effect of carbohydrate rich fluid on residual gastric volume and preoperative satisfaction in patients undergoing elective surgeries-A randomised controlled study.
3.	Preoperative Gastric volume estimation in Diabetic vs Nondiabetic patients undergoing elective surgeries- A prospective observational study
4.	Ultrasound-Guided sacral erector spinae plane block versus caudal epidural block for postoperative analgesia in children undergoing hypospadias surgery: Randomized controlled study
5.	Comparison of the analgesic efficacy of ultrasound (USG) guided Erector Spinae Plane Block (ESPB) versus combination of Erector Spinae Plane Block (ESPB) and Retrolaminar Block (RLB) in patients undergoing Breast Cancer Surgeries: a prospective randomized single-blind pilot study

S. No.	Project
6.	To compare the analgesic efficacy of ultrasound (USG) guided Erector Spinae Plane Block (ESPB) versus Retrolaminar Block (RLB) in patients undergoing modified radical mastectomy (MRM): a prospective, randomized, double blinded, parallel group, controlled clinical trial.
7.	To compare the analgesic efficacy of ultrasound guided PEC II block using dexamethasone as an adjuvant to ropivacaine versus plain ropivacaine in patients undergoing modified radical mastectomy: a prospective, randomized, double blind, parallel group controlled clinical trial.
8.	To compare the efficacy of two different doses of IV dexmedetomidine for controlling post-operative shivering in women undergoing caesarean delivery under spinal anaesthesia: a prospective, randomized, double blind, parallel group, controlled clinical trial.
9.	Comparison of ultrasound guided transverses abdominis plane block (TAPB) versus erector spinae plane block (ESPB) for analgesia after caesarean delivery - a randomized, open label, parallel group clinical trial.
10.	Ultrasound-guided Internal Jugular Vein cannulation by dynamic needle tip positioning using short axis out of plane approach vs. long axis in-plane approach for assessing ease and first pass success rate in patients requiring Internal Jugular Vein cannulation: a prospective randomized study.
11.	Role of internal jugular vein (IJV) collapsibility index to predict post spinal hypotension in pregnant women undergoing cesarean section, a prospective observational study.
12.	Comparison of the analgesic efficacy of ultrasound (USG) guided Erector Spinae Plane Block (ESPB) versus combination of Erector Spinae Plane Block (ESPB) and Retrolaminar Block (RLB) in patients undergoing Breast Cancer Surgeries: a prospective randomized single-blind pilot study
13.	A comparative study of driving pressure guided individualized versus fixed positive end expiratory pressure on incidence of postoperative lung atelectasis in patients undergoing laparoscopic surgeries in trendelenburg position : A double blinded randomized controlled study
14.	Efficacy and Safety of Spinal Anaesthesia with Hyperbaric Ropivacaine 0.75% and Bupivacaine 0.5% in Patients Undergoing Infraumbilical Surgeries – A Randomized, double-blind Study.
15.	Effect of pre operative intranasal dexmedetomidine on characteristics of spinal anaesthesia with hyperbaric bupivacaine for lower limb orthopaedic surgeries-A double blinded randomised control study
16.	An observational study of relationship between peripheral perfusion index and core body temperature during general anaesthesia
17.	Comparison of efficacy of combined PENG and LFCN block with combined L-ESP and LFCN block for postoperative pain relief in hip surgeries
18.	A comparative study of propofol and thiopentone for haemodynamics parameter during induction of general anaesthesia in hypertensive patients
19.	Comparison of Endotracheal cuff pressure at Different fresh gas flows- A prospective randomized clinical trial
20.	Comparison of propofol versus ketamine-propofol combination as an anaesthetic agent in a supratentorial tumour._- A randomized control study
21.	Optimal versus excess fresh gas flow for preoxygenation :A randomized ,single-blind, non-inferiority study.

Collaborative Projects

Ongoing

S. No.	Project	Collaborating Department/Institution
1.	Association of Serum C-reactive Protein with Postoperative Delirium among Patients undergoing major abdominal surgeries: a observational study	Dept. of Psychiatry, Dept. of Biochemistry

PUBLICATIONS

1. Karim HMR, Singha SK, Panda C, Khetrapal M. Randomized, Single-Blind Comparison of Two Different Flow Rates of SevofluraneAnesthesia on Acute Kidney Injury. Cureus 2025; 17(3): e80000.
2. Sandeep G, Singha SK, Gupta A, Chinnadurai K, Gupta H. Fast-track extubation in a patient undergoing whole lung lavage: A case report. Ann Card Anaesth 2025; 28:80-3.
3. Dubey R, Singh V, Khetrapal M, Singha SK, Sharma K, Neema PK. A Comparative Study of the Ease of Radial Artery Cannulation Using the Palpation Method in Patients Undergoing Surgery Under General Anaesthesia: Pre-induction Versus Post-induction. Cureus 2025; 17(2): e79115.
4. Jakkireddy S, Singha SK, Sandeep G, Yadavalli S, Naresh L. Biatrial cardiac mass and constrictive pericarditis in a post-tuberculosis survivor. J Clin Images Med Case Rep. 2025; 6(1): 3432.
5. Arora P, Iqbal J, Nayak P, Dey S, Malhotra M, Singha SK, Neema PK. Contextualizing Fasting and Fluid Responsiveness: Assessing Fluid Deficits beyond Monitoring Parameters. J Clin Res Pain Anaesthesia 2024; 5(1): 180047.
6. Mahitha G, Singha S K, Kumar M, Borkar N. Comparative Analysis of the Postoperative Analgesic Effect of Caudal Ropivacaine Versus Ropivacaine With Nalbuphine in Infra-Umbilical Pediatric Surgeries: A Randomized, Double-Blind Pilot Study. Cureus 2024; 16(12): e76311.
7. Vijapurkar S, Ramchandani S, Ramchandani R, Singha SK. Analgesic Efficacy Comparison Between Ultrasound-Guided Erector Spinae Plane Block and Retrolaminar Block in Patients Undergoing Modified Radical Mastectomy: A Randomized Controlled Trial. Cureus 2024; 16(12): e76124.
8. Sandeep G, Singha SK, Vijapurkar S, Sridhar S, Chinnadurai K. Managing accidental arterial cannulation mishaps in hemodialysis catheter placement: A case report. J Clin Images Med Case Rep. 2024; 5(11): 3337.
9. Kashyap N, Mehsare P, Saurabh G, Singha SK, Chakrabarty N et al. Clinical Experience with the Miltonia Valve: Short-term Performance of a New Bi-leaflet Mechanical Prosthesis in Mitral Valve Replacement Surgery. Indian J Thorac Cardiovasc Surg. 2025 Apr;41(4):420-425.
10. Sandeep G, Kumar Singha S. Imaging of a giant ascending aorta aneurysm in a marfan patient. J Clin Images Med Case Rep. 2024; 5(10): 3284.
11. Arun T, Karim H R, Singha S K, et al. A Comparison of Analgesic and Recovery Profiles of Ketamine, Lignocaine, and Dexmedetomidine (KeLiDex) Versus Fentanyl-Based Anesthesia in Laparoscopic Nephrectomies: A Randomized, Single-Blind, Pilot Study. Cureus. 2024; 16(6): e63380.
12. Sandeep G, Kalbande J V, Gupta A, et al. Anesthetic Management of Large Bronchogenic Cyst With Severe Tracheal Compression in Adults: A Case Report. Cureus. 2024; 16(6): e62621. DOI 10.7759/cureus.62621
13. Vijapurkar S, Sandeep G, Kalbande J V, et al. Knowledge, Attitude, and Practices of Labor Analgesia Amongst Obstetric Residents: A Cross-Sectional Survey. Cureus. 2024; 16(6): e62326.
14. Sandeep G, Kalbande J V, Gupta A, Singha SK. Anesthetic Management of Large Bronchogenic Cyst With Severe Tracheal Compression in Adults: A Case Report. Cureus. 2024; 16(6): e62621.
15. Sandeep G, Singha S K, Kalbande J V, et al. Navigating the Complexities: Addressing the Challenges of Aneurysmal Atrial Septal Defects. Cureus. 2024; 16(4): e59030.

16. Kalbande JV, Singha SS, Bodhey N, Sahani P. Congenital sub-mitral aneurysm: Anesthetics and surgical management. Ann Card Anaesth 2024;27:70-5.
17. Vijapurkar S, Khetarpal M, Kalbande JV, Sandeep G, Sravani J. Radiological presentation of large arachnoid cyst: Clinical image. J Clin Images Med Case Rep. 2025; 6(2): 3487.
18. Rajwade S, Dubey R, Khetarpal M, et al. Comparative Analysis of the Postoperative Analgesic Effects of Caudal Epidural Injection of Ropivacaine Combined With Fentanyl Versus Ropivacaine Alone in Lumbosacral Spine Surgeries: A Randomized Double-Blinded Study. Cureus. 2024; 16(10): e70963.
19. Mujahid O M, Sinha M, Kumar M, et al. Comparison of Phenylephrine and Norepinephrine Infusion in Preventing Hypotension after Subarachnoid Block in Caesarean Section: A Randomized, Double-Blind Study. Cureus 2025; 17(4): e82176.
20. Singh R, Sonkar L. Buerger's Disease of Hand; my Experience with Phenol Chemical Neurolysis of Stellate Ganglion: Case Series of Six Patients. J Orthop Case Rep. 2024 May;14(5):153-160.
21) Nayak P, Ramchandani S, Ramchandani R, et al. Comparison of Analgesic Efficacy of Ultrasound Guided PEC II Block Using Dexamethasone as an Adjuvant to Ropivacaine Versus Plain Ropivacaine in Patients Undergoing Modified Radical Mastectomy: A Double-Blind, Randomized Controlled Trial. Cureus. 2024; 16(4): e58222.
22. Singh R, Sonkar L. The Safety and Effectiveness of Interval Stellate Ganglion Neurolysis in a Patient with Bilateral Digital Ischemia of Hands Due to Buerger's Disease: A Case Report. J Orthop Case Rep. 2024 Jun;14(6):40-44.
23. Singh R, Sonkar L. Efficacy of Atlantoaxial Joint Steroid Injections in Managing Cervicogenic Headache: A Case Series. J Orthop Case Rep. 2025 Mar;15(3):207-214.
24. Baidya M, Sinha M, Kumar M, Agrawal N, Ramchandani S, Sandeep G, Vijapurkar S. A Randomized Study Comparing Ultrasound-Guided Internal Jugular Vein Cannulation Using Two Techniques: Short-Axis Out-of-Plane With Dynamic Needle Tip Positioning Versus Long-Axis In-Plane. Cureus. 2024 Jun 23;16(6):e63004.
25. Shivganesh B R D, Karim HMR, Agrawal N, Kumar M. The Relation of Preoperative HbA1c Level With Intraoperative and Postoperative Complications in Type-2 Diabetic Patients: An Observational Study. Cureus. 2024 Jul 13;16(7):e64487.
26. Arun T, Takoor S, Ramchandani S, et al. Supraglottic Airway Device in a Patient With Guillain-Barre Syndrome Undergoing Lower-Segment Cesarean Section (LSCS): A Case Report. Cureus 2025 January 10; 17(1): e77263.
27. Balji A, Ramchandani R, Ramchandani S, et al. Assessment of Clinicopathological Response to Neoadjuvant Chemotherapy in Patients Diagnosed With Locally Advanced Breast Carcinoma. Cureus. 2025 Apr 11;17(4).e82057.
28. Sravani J, Khobragade P, Vijapurkar S, Verma I, Sandeep G. Troubleshooting anesthesia equipment: A focus on L connector. Indian J Clin Anaesth 2025;12(1):164-165.
29. Sravani J, Kalbande J V, Sandeep G. Unanticipated Ventricular Fibrillation During Central Line Insertion In A Neurosurgery Patient: A CaseReport . IOSR Journal of Dental and Medical Sciences 2025; 24 (2): 47-52.
30. Cherunghattil N, Kalbande JV, Khobragade P, Sravani J, Borkar N. Persistent Penile Erection Following Spinal or General Anesthesia During Pediatric Hypospadias Repair: A Case Report. Cureus. 2024 Oct 26;16(10):e72445.
31. Pathak G, Vijapurkar S, Kalbande JV, Chandana DT, Sandeep G. Growth Hormone-Secreting Pituitary Adenoma and Difficult Airway: Awake Oral Fiberoptic Intubation Approach. Cureus. 2024 Jul 31;16(7):e65889.
32. Vijapurkar S, Sandeep G, Kalbande JV, Merin Thomas S, Singha SK. Knowledge, Attitude, and Practices of Labor Analgesia Amongst Obstetric Residents: A Cross-Sectional Survey. Cureus. 2024 Jun 13;16(6):e62326.
33. Sandeep G, Kushwaha J, Kalbande JV, CherunghattilN. A case report on the use of combined spinal epidural technique in the anaesthetic care of a patient with a large ASD and severe pulmonary hypertension. Indian J Clin Anaesth 2024;11(2):244-246.
34. Sahoo S K, Karan N, Padhi P P, Kumar Muni M. Efficacy Of Bilateral Ultrasound Guided Erector Spinae Plane Block On Postoperative Pain In Lumbar Spine Surgeries; A Double-Blind Randomised Placebo Control Trial. Cuestiones De Fisioterapia. 2025;54:1026-41.

35. Patnaik R, Chawla A, RamakrishnanAb, Jain N, Molazadeh N, Pillai A, Pillai Ds, Remya R, Parmar H, Karan N, Patnaik R. An Uncommon Manifestation Of Systemic Lupus Erythematosus As Lupus Enteritis With Intestinal Pseudo-Obstruction And Invasive Candidiasis. Cureus. 2024;16(9).
36. Patnaik R K, Karan N. Synergizing Survival: Uniting Acute Gastrointestinal Injury Grade And Disease Severity Scores In Critical Care Prognostication. Indian J Crit Care Med. 2024;28:529-530.
37) Reddy G, Panda CK, Jadav S. Unmasking hidden dangers: A manufacturing defect in Murphy's eye of an endotracheal tube. Saudi J Anaesth. 2024 Apr-Jun;18(2):321-322.
38. Kukanti C, Karim HMR, Panda CK, Jain A. Fentanyl infusion in a multi-organ failure patient on adaptive support ventilation: a conundrum. Anaesth. pain intensive care 2024;28(3):608–610; 10.
39. Panda CK, Karim HMR. Deep Machine Learning Might Aid in Combating Intensive Care Unit-Acquired Weakness. Cureus. 2024 Apr 24;16(4):e58963.
40. Karim HMR, Panda CK, Yunus M. How we do Multiorgan Integrated Critical Care Ultrasonology (MICCUS): An Approach for Patient Evaluation. Bangladesh Journal of Medical Science 2024; 23(3): 610–616.
41. Kurwe MS, Karim HMR, Singha SK, Neema PK, Panda CK. Effect of real-time oxygen consumption versus fixed flow-based low flow anesthesia on oxygenation and perfusion: a randomized, single-blind study. Med Gas Res. 2024 Sep 1;14(3):108-114.
42. Sravani J, Panda C, Agha M, Vijapurkar S, Sandeep G. Soundless Trouble: Syringe Pump Malfunction and the Hypotension Threat. Cureus. 2024 Mar 26;16(3):e56996.
43. Kesavankutty MP, Panda C, Karim HMR, Singha S, Agrawal S. The diagnostic accuracy of preoperative perfusion index as a predictor of postspinal anesthesia hypotension in parturients undergoing cesarean delivery: A prospective non-blinded observational study. Saudi J Anaesth. 2024 Jan-Mar;18(1):23-30.

Chapter in Book

Sl No.	Author (s)	Chapter Title	Editor	Book	Edition	City of Publication	Publisher	Year of Publication	First-Last Page
1.	Dr. Rashmi Dubey, Dr. Aparna Shukla	Medical ethics and communication	Dr. Aparna Shukla, Dr. Shefali Gautam	Handbook of anaesthesia and critical care technician	First	Selfypage developer pvt. Ltd. **ISBN:** 978-93-7020-665-6	Jaypee Brothers Medical Publishers	2025	311-318

PATIENT CARE

Pain Clinic OPD Every Wednesday and Saturday (Patients Seen)	Day Care Patient Admission (Pain Procedures Done in OT)	Major OT (Anaesthesia Posting)	Acute pain Services
2523	314	778	Actively providing Acute pain Services to patients postoperatively and referred from other departments

AWARDS, HONOURS AND SIGNIFICANT EVENTS

Dr. Subrata Kumar Singha

- Went for a week to MGM Healthcare for an observer ship on Heart Transplant from 22nd till 28th March, 2025.
- Expert for faculty Selection (APS) – AIIMS Bhopal
- Expert for Faculty Selection (APS) – NIMS, Hyderabad
- Participated in the Panel Discussion, 'Use of USG in Neurosurgery' 63rd Annual Conference of the Indian Society of Anaesthesiologists (ISACON National 2024) 20 to 24, November 2024 ISA Bihar State branch

Dr. Mayank Kumar

Won second prize in Quiz competition in 16 Annual National Conference of Indian Association of Pediatric Anaesthesiologists (IAPA) 2025 Conference, at AFMC, Pune, Maharashtra on 15 Feb 2025.

Dr. Mamta Sinha

Included among top 100 reviewers in Indian Journal of Anaesthesia for the year 2024

Dr. Jitendra Kalbande

Copyright- “Agrawal-Kalbande technique of transtracheal block” during awake fibreoptic intubation

Department of AYUSH

Ayurveda

Senior Medical Officer
Dr. Akhilanath Parida

Medical Officer
Dr. Sunil Kumar Rai

HIGHLIGHTS

- 9th National Ayurveda day was celebrated with theme "Ayurveda Innovations for Global Health." in 29 October 2024 in Ayush Building Department of Ayush(Ayurveda) AIIMS .Raipur. Walkathon was also oraganised on the same Day morning for bringing awarness among the people about Ayurveda , Director of AIIMS Raipur Lt Gen Ashok Jindal, ED & CEO inagurated 10 bedded AYUSH Ward and 6 bedded day care .
- The Dept. of Ayurveda organizes Swarna Prashan Program (Ayurveda Immunization Program), an effective immune booster for children, once a month.

CMEs/WORKSHOP/SYMPOSIA/NATIONAL & INTERNATIONAL CONFERENCES

S. No.	Title	CME/Conference	Date	Organized by
1.	The 1st International Conference on Advances in integrative medicine	Conference	07.03.2025 to 08.03.2025	CIMER,AIIMS, New Delhi
2.	Active Ageing and Wellbeing for Healthcare Professionals	Training	09.09.2024 to 10.09.2024	NIHF, New Delhi.

LECTURES DELIVERED AT CMEs, NATIONAL & INTERNATIONAL CONFERENCES

S. No.	Title	CME/Conference	Date	Organized by
1.	Pharmacovigilence of A,S,U and H drugs, Pharmacovigilence in Ayurveda and Unani.	Awareness Program	Monthly	Department of (AYUSH) Homoeopathy AIIMS, Raipur

RESEARCH

Funded Project

Ongoing

S. No.	Project	Principal Investigator	Funding Agency	Duration (years)	Start year-End year	Total funds sanctioned (Rs.)
1.	A Prospective ,Interventional,Randomized,Double Blind ,Placebo Controlled Clinical Study to evalute the efficacy and safety of clear stone syrup(Sugar free) in Patient with Asymptomatic Renal Calculli	PI-Dr. Sunil Kumar Rai Co-PI –Dr. Akhilanath Parida	ICBIO Clinical Research PVT LTD	1 Year	30.11.2024	240000

Departmental Projects – Non-Funded Projects/ ICMR-STS Projects/ Thesis/Dissertations

Ongoing

S. No.	Project
1.	Assessing the Effects of Ayurvedic Swarnaprashana on General Wellbeing and Health Status of Children: A Retrospective Survey at AIIMS Raipur

PUBLICATIONS

1. Role of Prakriti on different Therapeutic Procedure of Panchakarma. Author- Dr. Akhilanath Parida Deep Science Publication, ISBN-9789349307-81-0,Year March 2025.

Edited Book and Monograph

Book

Sl No.	Author (s)	Chapter Title	Book	Edition	City of Publication	Publisher	Year of Publication
1.	Dr.Akhilanath Parida	Role of Prakriti on different Therapeutic Procedure of Panchakarma	Prakriti :Interdisciplinary Prospective of Ayurvedic constitut-ion	First	UK	Dep Science Publisher	2025

PATIENT CARE

OPD	IPD	DAY CARE	Major Procedure / Minor Procedure
9667	173	186	2934

Yoga & Naturopathy

Medical Officer

Dr. Vikram Pai

HIGHLIGHTS

In addition to providing regular patient consultations and Yoga therapy sessions at the OPD, the Department of Yoga at AIIMS Raipur conducts dedicated Yoga sessions for inpatients in the Psychiatry and OBG wards. In collaboration with the Central Council for Research in Yoga & Naturopathy (CCRYN), Delhi, the department has established the Centre for Mind-Body Interventions through Yoga (CMBIY) to advance integrative research in Yoga. Furthering its commitment to promoting Yoga, the department organized a 21-day Common Yoga Protocol Training for AIIMS Raipur staff from June 1 to June 21, 2024. Additionally, the 9th International Day of Yoga was celebrated on June 21, 2024, with faculty and staff participating in the Common Yoga Protocol session. Dr. Vikram Pai played an active role in public awareness initiatives, emphasizing Yoga's role in reducing disease burden and encouraging its adoption as a sustainable healthy lifestyle practice.

EDUCATION

1. Co-Guide for MPH thesis research project titled ""Assessing the Impact of Yoga and Counselling among Antenatal Mothers on breast feeding practices during Neonatal period: A prospective comparative study"
2. Presented lecture on Stress management through Yoga for MBBS and PG students on 05.10.2024 & 07.10.2024 at PG Induction program.

CMEs/WORKSHOP/SYMPOSIA/NATIONAL & INTERNATIONAL CONFERENCES

S. No.	Title	CME/Conference	Date	Organized by
1.	International Conference on Advances in Integrative Medicine (AIM) 2025	International Conference	07 - 08.03.2025	AIIMS, New Delhi
2.	Expert meeting and Research capacity building workshop in Yoga	State level Workshop	25.01.2025	Central Council for Research in Yoga & Naturopathy, Delhi

LECTURES DELIVERED AT CMEs, NATIONAL & INTERNATIONAL CONFERENCES

S. No.	Title	CME/Conference	Date	Organized by
1.	Presented lecture on Enhancing Yoga & Naturopathy Research through Mixed Methods Approach: A call for standardization Rigor	International Conference	18.11.2024	Central Council for Research in Yoga & Naturopathy, Delhi

RESEARCH

Collaborative Research Projects

a)Extra Mural Research Projects (ongoing)

S. No.	Project	Principal Investigator	Collaborative Department	Funding Agency	Duration (years)	Start year-End year	Total funds sanctioned (Rs.)
1.	Effect of yoga-based lifestyle changes on epicardial fat thickness, intima-media thickness, pulse wave velocity, VO2 max and anthropometric parameters in obese young adults	Prof. Dr. Avinash S. Ingle (P.I), Dept. of Physiology Dr. Vikram Pai (Co-Investigator) Dept. of Yoga & Naturopathy	Department of Physiology, AIIMS Raipur	Central Council for Research in Yoga & Naturopathy, Delhi	3 Years	2023 - 2026	**9,93,524/-**
2.	Impact of Yoga on Quality of Life of End-Stage Renal Disease Patients on Maintenance Hemodialysis - A Mixed-Methods Pilot Study	Dr. Vinay Rathore (P.I) Dept. of Nephrology Dr. Vikram Pai (Co-Investigator) Dept. of Yoga & Naturopathy	Department of Nephrology, AIIMS Raipur	Central Council for Research in Yoga & Naturopathy, Delhi	2 Years	2023 - 2025	**4,50,000/-**
3.	Effect of Yoga Therapy in Management of Post-operative Myofascial Pain in Breast Cancer Patients: A Randomized Controlled Trial	Dr. Amit Kumar (P.I) Dept. of Medical oncology, Dr. Vikram Pai (Co-Investigator) Dept. of Yoga & Naturopathy	Department of Medical oncology, AIIMS Raipur	Central Council for Research in Yoga & Naturopathy, Delhi	2 Years	2023 - 2025	**1,30,000/-**

PUBLICATIONS

Abstracts Published in Journal(s):

1. **Pai V**, Borkar N, Nirvan M, Verma M. Immediate Hemodynamic Changes during Slow Uninostril and Alternate Nostril Breathing Patterns in Normotensive Adults. Int J Yoga. 2024 Sep-Dec;17(3):175-181. doi: 10.4103/ijoy.ijoy_115_24. Epub 2024 Dec 14. PMID: 39959506; PMCID: PMC11823561.
2. Jaiswal S, **Pai V**, Verma M. An Assessment of Knowledge, Attitude, and Practice (KAP) towards Yoga among Healthcare Professionals of AIIMS, Raipur: A Cross-sectional Study. Integrative Medicine Case Reports. 2024;5(2):52-56. doi:10.5005/imcr-11021-0003

PATIENT CARE

OPD (New + Old)	IPD Psychiatry IPD (New + Old)
837	2248

OTHER ACTIVITIES

9th International Day of Yoga 2024



Yogotsav 2024



Siddha

Medical Officer

Dr. V. Lakshmana Kumar

HIGHLIGHTS

Apart from regular patient consultation and External therapies provide at OPD. The Department of Siddha also admitted patients in the AYUSH IPD including Day care basis. The Department organized 8th Siddha Day – on 13th December 2024 event at AIIMS, Raipur association with National Institute of Siddha (NIS), Chennai, Ministry of Ayush, Govt.of India & Samarpann Natural Farms Raipur (NGO) by Organizing, Sri Agastya Poojan (Saluation to father of Siddha Medicine), Free Siddha Medical Camp,Traditional Food Expo conducted & Plantation Drive at our herbal garden. Free Siddha Medical Camp in association with National Institute of Siddha (NIS), Chennai, Ministry of Ayush, Govt.of India. 230 peoples were benefited in the camp & Traditional Food Exp association with Samarpann Natural Farms (NGO). 350 peoples visited the expo. Special camp conducted on free of cost distribution of the Infections Preventive Siddha Medicines for Seasonal Infectious Diseases on 17.08.2023 to 30.09.2023 at AIIMS Raipur to the general public and employees of AIIMS Raipur. Over 500 patients were benefited.

EDUCATION

1. Providing orientation training classes for our AIIMS B.Sc., Nursing professionals under internship program.

ACADEMIC DEVELOPMENT

1. Successfully completed “Post Graduate Diploma in Management- Hospital Management” (Session2023-2024) Course on 29th January, 2025 through Distance Learning Cell, National Institute of Health and Family Welfare, New Delhi.

CMEs/WORKSHOP/SYMPOSIA/NATIONAL & INTERNATIONAL CONFERENCES

S. No.	Title	CME/Conference	Date	Organized by
1.	NABH Patient Safety Conference 2024 (NPSC 2024)	NABH Patient Safety Conference 2024 (NPSC 2024)	17.09. 2024	NABH,Quality Council of India, New Delhi.

LECTURES DELIVERED AT CMEs, NATIONAL & INTERNATIONAL CONFERENCES

S. No.	Title	CME/Conference	Date	Organized by
1.	Role of Pharmacovigilance in Siddha	Awareness Program on Pharmacovigilance of A, S, U and H Drugs	23.09.2024	Bharti Ayurved Medical College and Hospital, Chhattisgarh

S. No.	Title	CME/Conference	Date	Organized by
2.	Role of Pharmacovigilance in Siddha	Sensitization Program on Pharmacovigilance of A, S, U and H Drugs for Nursing officers	25.11.2024	Department of Homeopathy, AIIMS Raipur
3.	Role of Pharmacovigilance in Siddha	Awareness Program on Pharmacovigilance of A, S, U and H Drugs	11.02.2025	Department of Homeopathy, AIIMS Raipur
4.	Recent Advancements in Instrumental Analysis in In-Vivo and In-Vitro Toxicity Studies for Siddha Formulations & The Concept of Materiovigilance in Siddha	Continuing Medical Education (CME) Program on "Recent Advancements in Siddha Toxicology for Teachers	28.02.2025	Department of Nanju Maruthuvam, National Institute of Siddha (NIS), Chennai, Ministry of Ayush, Govt.of India.
5.	Role of Pharmacovigilance in Siddha	Awareness Program on Pharmacovigilance of A, S, U and H Drugs	10.03.2025	Department of Homeopathy, AIIMS Raipur

PUBLICATIONS

1. Corresponding Authored a research publication titled: Siddha Medicine as a Novel Approach to Biofilm Disruption: Current Evidence and Research Prospects, Frontiers in Health Informatics Journal Vol 13: Issue 3, September 2024, ISSN-Online: 2676-7104, 2024. https://doi.org/10.52783/fhi.vi.777.
2. Corresponding authored a research publication titled: Siddha Science: Unlocking the Herbal LCZ Mixture's Anti-Inflammatory Secrets for Modern Healing, Frontiers in Health Informatics Journal Vol 13: Issue 8, ISSN-Online: 2676-7104, 2024. https://doi.org/10.52783/fhi.vi.1980.
3. Corresponding authored a research publication titled: Indigenous Foods of Tamil Nadu-A Narrative Review Of Its Nutritive Value and Mineral Bioavailability, International Journal of Ayurveda and Pharma Research, November 2024, ISSN: 2322 - 0902 (P) ISSN:2322-0910 (O) https://doi.org/10.47070/ijapr.v12i10.3388

AWARD, HONOURS AND SIGNIFICANT EVENTS

1. Member of Centre for Integrative Medicine Education and Research (CIMER) committee AIIMS Raipur.
2. Member of AYUSH Academic Department roadmap establishing committee AIIMS Raipur.
3. National Commission for Indian System of Medicine (NCISM), MoA, GoI, invited as Siddha Expert for framing the "Virtual Reality for Siddha Medical Education" online consultative meeting held on 05th April & 10th April 2024.
4. National Commission for Indian System of Medicine (NCISM), MoA, GoI, appointed as Consultant Expert for "Framing of Competency Based Curriculum and Syllabus for Post Graduate – Nanju Maruthuvam (Toxicology) specialty on 20th August, 2024.
5. NABH, Quality Council of India, New Delhi Appointed as Assessor for Assessment of Ayush Health and Wellness Centre Ayurveda and Homeopathy Dispensary at Khorda, Cuttackdistricts, Odisha on 26th & 27th September 2024.

PATIENT CARE

OPD	IPD
1652	52

Homoeopathy

Medical Officer

Dr. Ashutosh Tripathi

HIGHLIGHTS

The Department of Homoeopathy has been providing Homoeopathic consultation to patients and designs their treatment protocols successfully since its inception 2014 and restart in 2019. Along with Homoeopathic consultation, Homoeopathic medicines are also provided to the patients free of cost. Documentation of case studies and conduction of research to enhance learning of self and others has been ongoing. Dr. Ashutosh Tripathi has been contantly involved in creating awareness about Homoeopathic system of medicine by conducting workshops, seminars and public awareness programs. Program Management Unit has been set up by Department of Homoeopathy as Peripheral Pharmacovigilence Centre for Pharmacovigilence of ASU and H drugs and seminars are conducted every month as part of awareness program for AYUSH students and professionals. Department has also worked towards establishment and development of Centre for Integrative Medicine, Education and Research (CIMER) which aims to integrate the conventional medicine and holistic AYUSH Medicine to reduce the health care burden of Non communicable and chronic diseases in the society. MoU with CCRH has been planned to promote integrative research in Homoeopathy.

EDUCATION

- Organized AWARENESS PROGRAM ON PHARMACOVIGILANCE OF A, S, U AND H DRUGS at Bharti Ayurved Medical College and Hospital, Chhattisgarh on 23rd September 2024.
- Organized AWARENESS PROGRAM ON PHARMACOVIGILANCE OF A, S, U AND H DRUGS at AIIMS RAIPUR, Chhattisgarh on 26th November 2024 for Nursing Officers of AIIMS Raipur.
- Conducted many seminars on Pharmacovigilance of A, S, U and H Drugs as part of awareness program for Ayurveda and Homoeopathic students and professionals.

CMEs/WORKSHOP/SYMPOSIA/NATIONAL & INTERNATIONAL CONFERENCES

S. No.	Title	CME/Conference	Date	Organized by
1.	International Seminar and Poster Presentation	World Homoeopathy Day 2024 at Yashobhumi, Dwaraka, New Delhi,	10-11.04.2024	Central Council for Research in Homoeopathy, New Delhi.

CMEs/WORKSHOP/SYMPOSIA/NATIONAL & INTERNATIONAL CONFERENCES

S. No.	Title	CME/Conference	Date	Organized by
2.	Training Course	Active Ageing and Wellbeing for Healthcare Professionals	09-11.09.2024	National Institute of Health and family welfare, New Delhi
3.	Seminar and Poster Presentation	Alternating Action Remedies	16-17.11.2024	Parul University, Vadodara
4.	Expert meeting and Workshop	Expert meeting and Research capacity building workshop in Yoga	24-25.01.2025	Dept of Yoga, AIIMS Raipur in association with CCRYN, New Delhi.

LECTURES DELIVERED AT CMEs, NATIONAL & INTERNATIONAL CONFERENCES

Dr. Ashutosh Tripathi

S. No.	Title	CME/Conference	Date	Organized by
1.	Introduction to Pharmacovigilance in AYUSH and Role of Pharmacovigilance in Homoeopathy	Awareness Program on Pharmacovigilance of A, S, U and H drugs at Bharti Ayurved Medical College and Hospital, Chhattisgarh	23.09.2024	Department of Homoeopathy, AIIMS Raipur.
2.	Need, Background and Rationale of Pharmacovigilance in A, S, U and H Drugs	Awareness Program On Pharmacovigilance of A, S, U and H drugs at AIIMS Raipur, Chhattisgarh on for nursing officers of AIIMS Raipur	26.11.2024	Department of Homoeopathy, AIIMS Raipur.

Collaborative Projects

Ongoing

S. No.	Project	Collaborating Department/Institution
1.	Efficacy of Yoga Therapy as an Adjunct to the individualized Homoeopathic Treatment on severity and frequency of Migraine: a Randomized Controlled Trial	Department of Yoga, AIIMS Raipur

PATIENT CARE

OPD
9804

Department of Biochemistry

Professor & Head
Dr. Eli Mohapatra
Professors
Dr. Rachita Nanda
Dr. Suprava Patel
Additional Professors
Dr. Jessy Abraham
Dr. Seema Shah
Assistant Professors
Dr. Dablu Lal Gupta
Dr. Neha Rani Verma
Dr.Vibha V Sakhare

HIGHLIGHTS

Accreditation of Biochemistry lab by NABL as per ISO 15189:2022. Obtained on 14th Dec 2024. The Department of Biochemistry, AIIMS, Raipur is the first Government Lab in Chhattisgarh to get the certification of ISO 15189:2022 from NABL.

EDUCATION

S. No.	Academic Event	Date
1.	CME under the aegis of ACBI	30.01.2025
2.	PI meet of extramural multicentric project (PI: Prof. (Dr.) Eli Mohapatra)	29.01.2025
3.	A guest lecture by Prof. (Dr.) Sharbari Basu from Dept. of Biochemistry, JIPMER, Puducherry	16.12.2024
4.	11th ACCLMP Pre-Conference CME	13.12.2024
5.	Training session for phlebotomists and registration staff regarding needle disposal, needle stick injury	05 - 07.11.2024
6.	A painting and video competition for NBS awareness month	September 2024
7.	Training session for ANS & Phlebotomist on sample collection	09 -11.09.2024

S. No.	Academic Event	Date
8.	One-day orientation program on NABL ISO 15189:2022	27.08.2024
9.	Summer Internship training was provided to NIT students	16.05.2024-30.06.2024
10.	CME and IInd State Chapter ACCLMP	27.04.2024

CMEs/WORKSHOP/SYMPOSIA/NATIONAL & INTERNATIONAL CONFERENCES

S. No.	Title	CME/Conference	Date	Organized by
1.	Interdisciplinary Research: Shaping the Healthcare of the Future	ACBI	30.01.2025	Dept. of Biochemistry, AIIMS, Raipur
2.	Sample to Diagnosis: The Cohesion and collaboration between Clinics to Labs	11th ACCLMPCON Pre-Conference CME	13.12.2024	Dept. of Biochemistry, AIIMS, Raipur
3.	Insights into primary immune deficiency disorders	2nd State Chapter ACCLMP and National CME	27.04.2024	Dept. of Biochemistry, AIIMS, Raipur

LECTURES DELIVERED AT CMEs, NATIONAL & INTERNATIONAL CONFERENCES

Dr. Eli Mohapatra

S. No.	Title	CME/Conference	Date	Organized by
1.	Organizing Chairperson	ACBI	30.01.2025	Dept. of Biochemistry, AIIMS, Raipur
2.	Chairperson	EZACIBICON-Eastern Zone ACBI Conference	28.02-01.03.2025	Department of Biochemistry AIIMS Kalyani
3.	Chairperson	31st Annual Conference AMBICON	20.12.2024	AMBI, Gujarat Chapter
4.	Chairperson	50th ACBICON	04-07.12. 2024	PGIMER Chandigarh
5.	Chairperson	Cardiac imaging update basics to advances, IACI Midterm CME	23.03.2025	Dept. of Cardiology AIIMS, Raipur
6.	Chairperson	Pulmonary medicine update 2024Pulmonary medicine update 2024	08 - 09.03.2025	Dept. of Pulmonary AIIMS, Raipur
7.	Chairperson	Sensitization and skill building in cytogenetics, Karyotyping and FISH	13 - 14.01.2025	Dept. of Anatomy AIIMS, Raipur

S. No.	Title	CME/Conference	Date	Organized by
8.	Chairperson	State level conference on diagnosis & Management of Lymphoma	15.03.2025	Dept. of Clinical Hematology & Medical Oncology AIIMS, Raipur
9.	Organizing Chairperson	11th ACCLMPCON Pre-Conference CME	13.12.2024	Dept. of Biochemistry, AIIMS, Raipur
10.	Guest of Honor	National Symposium on Population Genetics & Beyond	25.07.2024	Pt. J.N.M Medical College, Raipur
11.	Chief Guest	World Rabies Day 2024	28.09.2025	Dept. of General Medicine AIIMS, Raipur
12.	Organizing Chairperson	2nd State Chapter ACCLMP and National CME	27.04.2024	Dept. of Biochemistry, AIIMS, Raipur

Dr. Rachita Nanda

S. No.	Title	CME/Conference	Date	Organized by
1.	Mixed Connective Tissue Disease or Not: The Dilemma with Positive anti-RNP Antibodies	WASPaLM World Congress & XXIV. National Clinical Biochemistry Congress	16-20.10.2024	Turkish Society of Clinical Biochemistry
2.	Diagnostic tests for immunological disorders: A curtain raiser	Improving Diagnosis for Patient Safety	19.09.2024	AIIMS Bhatinda
3.	Identification of possible clinical Associations with Dense Fine Speckled Patterns	31st Annual Conference AMBICON	20.12.2024	AMBI, Gujarat Chapter
4.	Organizing Secretary	ACBI	30.01.2025	Dept. of Biochemistry, AIIMS, Raipur
5.	Co-Organizing Chairperson	11th ACCLMPCON Pre-Conference CME	13.12.2024	Dept. of Biochemistry, AIIMS, Raipur
6.	Co-Organizing Chairperson	2nd State Chapter ACCLMP and National CME	27.04.2024	Dept. of Biochemistry, AIIMS, Raipur
7.	Reporting guidelines for Immunofluorescence	EZACIBICON-Eastern Zone ACBI Conference	28.02.2025 - 01.03.2025	Department of Biochemistry AIIMS Kalyani

Dr. Suprava Patel

S. No.	Title	CME/Conference	Date	Organized by
1.	Organizing Secretary	11th ACCLMPCON Pre-Conference CME	13.12.2024	Dept. of Biochemistry, AIIMS, Raipur
2.	Organizing Secretary	2nd State Chapter ACCLMP and National CME	27t.04.2024	Dept. of Biochemistry, AIIMS, Raipur

Dr. Seema Shah

S. No.	Title		CME/Conference	Date	Organized by
1.	Organizing Secretary		11th ACCLMPCON Pre-Conference CME	13.12.2024	Dept. of Biochemistry, AIIMS, Raipur
2.	Organizing Secretary		2nd State Chapter ACCLMP and National CME	27.04.2024	Dept. of Biochemistry, AIIMS, Raipur
3.	Guest Speaker	Intracellular Homocysteine, A better indicator for B12 deficiency	Continuing Diagnostics Education Series	04.05.2024	CAHO
4.	Guest Speaker	Quality Management in Clinical Laboratory Practice	11th ACCLMPCON Pre-Conference CME	13.12.2024	Dept. of Biochemistry, AIIMS, Raipur
5.	Guest Speaker	Mostly About Dots and Blots: Hitting the Bull's Eye in the Loop	11th Annual Scientific Conference; ACCLMPCON 2025	11 - 12.01.2025 in Guwahati, Assam.	Dept of Biochemistry, Guwahati ACCLMP
6.	Judge	National Symposium on Population Genomics and Beyond	National Symposium	25.07.2024	Dept of Biochemistry, Pt.JNM College, Raipur

Dr. D.L. Gupta

S. No.	Title	CME/Conference	Date	Organized by
1.	Multicolor Flowcytometry based immunophenotyping: gating strategy for effective data analysis	Hands-on Training on Flowcytometer: Detection of Molecular Markers (DNA and Protein) in Cancer Research	23-25.04.2024	ICMR-National Institute of Cancer Prevention and Research, Noida , U.P

S. No.	Title	CME/Conference	Date	Organized by
2.	CAR-T Cell Therapy: Recent advancement and next breakthrough in India	Weekly Academic meet of AIIMS Raipur	12.07.2024	AIIMS Raipur
3.	MiR-142-3p, MiR-155-5p, and MiR-34a-5p of DCs up regulated in patients with sepsis and associated with disease severity	National conference, Association of Clinical Biochemistry of India (ACBICON-2024)	04 - 07.12.2024	PGIMER Chandigarh
4.	Vitamins and Mineral Deficiency: An Undiagnosed Problem and its Long-Term Consequences	IOT-HEALTH: IOT ENABLING TECHNOLOGY, SECURITY AND ITS APPLICATION ON HEALTH CARE	09 - 14.12.2024	NIT Raipur
5.	MiR-34a-5p, MiR-142-5p, and MiR-155-5p of DCs up regulated in patients with sepsis and associated with disease severity	XIIIth Annual International Conference of the Indian Academy of Biomedical Sciences (IABSCON 2025),	11 - 13.02.2025	AIIMS Bhopal

ORAL PAPERS/POSTERS PRESENTED

S. No.	Authors	Title	Conference	Date	Organised by
1.	Verma NR[a], Verma S[a], Nanda R[a], Patel S[a], Shah S[a] Mohapatra E[a]	A Harmonisation study to compare the results of the Beckman Coulter AU5800 and AU680	31st AMBICON 2024	19 - 21.12.2024	AMBI Gujrat Chapter

RESEARCH

Funded Projects

Dr. Eli Mohapatra

Ongoing

S. No.	Project	Principal Investigator	Funding Agency	Duration (years)	Start year-End year	Total funds sanctioned (Rs.)
1.	A non-inferiority randomized trial to assess the efficacy of 10mg /kg/day versus 20mg/kg/day hydroxyurea in the treatment of sickle cell disease patients of tribal and non-tribal areas in India.	Dr. Eli Mohapatra	ICMR	5 years	2022	1,61,61,931/-

S. No.	Project	Principal Investigator	Funding Agency	Duration (years)	Start year-End year	Total funds sanctioned (Rs.)
2	Study of clinical profiling and genetic risk factors for vaso-occlusive crisis in Sickle Cell Disease: a Multi centric Case control Study	Dr. Eli Mohapatra	ICMR	2.5 years	2024	23,01,225/-
3.	To investigate the significance of circulating erythroid progenitor cell count and VEGFR-2 expression as potential progressive vascular markers for sickle cell disease," has been approved by ICMR for Investigator Initiated Research Proposal - Small Grant	Dr. Eli Mohapatra	ICMR	2 Years	2025	99,86,136/-

Dr. Rachita Nanda
Ongoing

S. No.	Project	Principal Investigator	Funding Agency	Duration (years)	Start year-End year	Total funds sanctioned (Rs.)
1.	Taskforce on Establishment of reference Intervals in Indian Population (TERIIP)	Dr Rachita Nanda	ICMR, New Delhi	3 years	March 2025 – March 2028	Rs. 1,59,99,991
2.	Role of miRNA in SLE	Dr Rachita Nanda	CCoST	1.5 years	March 2024 – September 2025	Rs. 5,00,000

Dr. Suprava Patel
Completed

S. No.	Project	Principal Investigator	Funding Agency	Duration (years)	Start year-End year	Total funds sanctioned (Rs.)
1.	Hypoxia inducible factor 1α gene sequencing and association of the variants with serum HIF-1α level	Dr. Suprava Patel	AIIMS, Raipur	1 year	20 Jun 2023 – 1 May 2024	Rs.500000/-

Dr. Seema Shah
Ongoing

S. No.	Project	Principal Investigator	Funding Agency	Duration (years)	Start year-End year	Total funds sanctioned (Rs.)
1.	Investigating N-acetyl cysteine as an antisickling agent in sickle cell disease (Multicentric with IISER Kolkata)	Dr. Seema Shah (Site PI)	ICMR	3 years	2024	1,36,66,662/-
2.	Financial impact analysis of medical interventions in remote locations using hand held, user friendly, non invasive and cost effective point of care (POC) medical devices: A case study in Dantewada, Chhattisgarh	Dr Seema Shah, Site investigator for Biochemistry	IBITF	3 years	March 2025	1,31,41,200/-

Dr. D.L. Gupta
On going

S. No.	Project	Principal Investigator	Funding Agency	Duration (years)	Start year-End year	Total funds sanctioned (Rs.)
1.	A study to understand the mechanism of metabolic derangement causing acute liver failure (ALF) in patients of acute yellow phosphorus poisoning	Dr. Dablu Lal Gupta	ICMR, New Delhi, Government of India	3 years	16.10.2023	37,94,820/-

Completed

S. No.	Project	Principal Investigator	Funding Agency	Duration (years)	Start year-End year	Total funds sanctioned (Rs.)
1.	To evaluate the presence of cross-reactive antibodies against the spike of SARS-CoV-2 in the vaccinated people and non-vaccinated people who have recovered from natural infection	Dr. Dablu Lal Gupta	AIIMS Raipur	2 years	27.09.2021	5,00,000/-
2.	Understanding the role of miRNA in modulating the cellular responses of Dendritic Cells (DCs) during post-traumatic sepsis and septic shock	Dr. Dablu Lal Gupta	SERB, DST, Government of India	2.5 years	27.12.2021	28,85,040/-

Departmental Projects – Non-Funded Projects/ ICMR-STS Projects/ Thesis/Dissertations

Ongoing

S. No.	Project
1.	Correlation of CX3CL1 with immune inflammatory marker of metabolic syndrome: A Case control study
2.	Expression of miRNA 221 and Endocan in patients with diabetic neuropathy- An observational study
3.	Sirtuin 1 as a potential biomarker for CKD of unknown origin-A cross-sectional pilot study
4.	Efficacy of Curcumin and Resveratrol in Sickle Cell Disease
5.	Exploring the role of miRNA-145 mediated Epithelial-Mesenchymal Transition in Systemic Lupus Erythematosus
6.	Exploring the mechanistic role of herbicide paraquat in chronic kidney disease of unknown etiology
7.	ICMR STS: MTHFR gene polymorphism in Diabetic Retinopathy: A Hospital Based Case control study
8.	MEU- Exploring Menstrual Health Experiences and Challenges Among Young Indian females
9.	Clinico-Pathological and Molecular Characterisation of Lung Cancer Patients in Central India: A Retrospective Study- CLOPAM LC

Collaborative Projects

Ongoing

S. No.	Project	Collaborating Department/Institution
1.	Role of AMH in the diagnosis of PCOS	Dept. of Obstetrics and Gynaecology AIIMS, Raipur
2.	Prevalence of autoantibodies and cytokines in patients of rheumatoid arthritis and its clinical significance in Indian RA cohort	Dept. of Medicine AIIMS, Raipur
3.	Effect of body fat percentage on nonalcoholic fatty liver disease and its relation with nerve conduction parameters in health care shift workers	Dept. of Physiology AIIMS, Raipur
4.	Estimation of serum osteopontin in primary osteogenic sarcoma	Dept. of Orthopaedics AIIMS, Raipur
5.	An Indian Multi-centric Phase IV study to assess the safety of Crizanlizumab with or without hydroxyurea therapy in sickle cell disease patients with vaso-occulisive crisis. (CSEG101A2403)	Dept. of General Medicine Dept. of Pediatrics Dept. of Biochemistry AIIMS, Raipur
6.	Burden of Vaso-Occlusive pain crisis: A Cross-sectional Observational Study Among Patients with Sickle Cell Disease in India (B-VOCAL SCD) Interventional Study Protocol (Non-PASS) CSEG101AIN01	Dept. of Pediatrics and Dept. of Biochemistry AIIMS, Raipur
7.	Effect of short-term slow deep breathing on electrophysiological and biochemical correlates of Neurocognition in Sickle Cell Disease	Dept. of Physiology AIIMS, Raipur
8.	Circadian rhythm of sleep-wakefulness & heart rate variability and its relation to polymorphism in Asthmatic patients	Dept. of Physiology AIIMS, Raipur
9.	ICMR Grant-in-Aid of AdHoc research project: Prevalence and Characteristics of Chronic Kidney Disease (CKD) in Supebada village of Devbhog block and Piperkhutta village of Manpur Block in Gariyaband District.	Dept. of Community Medicine, Pt. J.N.M. Medical College, Raipur, Dept. of Nephrology AIIMS, Raipur Dept. of Biochemistry AIIMS, Raipur
10.	Urine concentrating defect in residents of endemic area of CKDU visiting AIIMS, Raipur: A pilot study.	Dept. of Nephrology AIIMS, Raipur
11.	Prevalence of Autoantibodies and Cytokines in patients of Rheumatoid arthritis and its clinical significance in Indian RA cohort Prevalence ofAutoantibodies and Cytokines in patients of Rheumatoid arthritis and its clinical significance in Indian RAcohort	Dept. of Medicine AIIMS, Raipur
12.	Study of correlation between serum copper, serum zinc, copper-zinc ratio and disease severity scores in sickle cell disease patients.	Dept. of Medicine AIIMS, Raipur

S. No.	Project	Collaborating Department/Institution
13.	Prevalence of Metabolic Syndrome in tribal and non-tribal population of Patan Block of Chhattisgarh state: A pilot study(Co-Investigator)	Dept. of Physiology, Medicine AIIMS, Raipur
14.	Effect of body fat percentage on NAFLD and its relation with nerve conduction parameters in shift workers	Dept. of Physiology AIIMS, Raipur
15.	Role of Anti-Mullerian Hormone in the diagnosis of PCOS	Dept. of OBS & Gyn AIIMS, Raipur
16.	Assessment of cognitive functions and its association with sleep-wake pattern and light at night exposure duration in COPD	Department of Physiology, AIIMS Raipur
17.	Comparison of inflammatory level of biomarkers in pre-op and post op in cases of femur diaphyseal fracture in a tertiary care center.	Ortho
18.	Evaluation and scoring of cardiovascular autonomic dysfunction in adult patients of sickle cell syndromes attending tertiary healthcare center in Central India	Physiology
19.	Prevalence of chronic kidney disease among psoriasis patients	Dermatology
20.	A study to correlate hyponatremia with disease activity in systemic lupus erythematosus	General Medicine
21.	Effect of treatment modality on bone health in subjects with Graves disease: comparison between radioactive ablation and long term continuous antithyroid drugs	Endocrinology
22.	Daily versus alternate day dosing of oral ferrous sulphate in patients of iron deficiency anemia: An open label, pilot study	General Medicine
23.	Assessment of vascular endothelial function in patients of depression – a hospital-based case control study	Psychiatry
24.	Evaluation of risk factors and serological determinant (anti PGL1) in Lepra Reactions in a tertiary care institute.	Department of Dermatology
25.	Characterization of hyponatremia in patients of chronic kidney disease of unknown etiology (CKDu) visiting AIIMS, Raipur	Department of Nephrology
26.	Bhcg Concentration In Vaginal Fluid As A Biochemical Marker For Suspected Cases Of Preterm Premature Rupture Of Membranes	Department of Obs. & Gynaec.
27.	Serum high-sensitive C-reactive protein (Hs-CRP) levels as a prognostic biomarker in pregnant women with pre-eclampsia compared to normotensive pregnant women: a prospective cohort study.	Department of Obs. & Gynaec.
28.	Prevalence of Insulin resistance and Metabolic syndrome in Rheumatoid Arthritis and Axial Spondyloarthritis	Department of Medicine
29.	Role of alpha and beta cell secretory function in predicting Hypoglycemia in patients with Diabetes Mellitus: A hospital-based pilot study	Dept of Medicine, AIIMS Raipur Intramural

S. No.	Project	Collaborating Department/Institution
30.	Investigating N-acetyl cysteine as an anti-sickling agent in sickle cell disease, Multicentric Study by ICMR; ICMR (Proposal ID: IIRP-2023-4911/F1) 3 years. 2024-2029 1,36,66,662 for period 2024-25,	IISER Kolkata & AIIMS Kalyani ICMR
31.	Adaptive, randomized, active-controlled, open-label, sequential cohort, multi-centre study to evaluate the efficacy, safety, tolerability, and pharmacokinetics of intravenous Cipargamin (KAE609) in adult and Pediatric participants with severe Plasmodium falciparum malaria (KARISMA – KAE609's Role in Severe Malaria) Sub: Protocol CKAE609B12201-Sponsored trial	Dept of Pediatrics, AIIMS Raipur, Sponsored Trial
32.	Randomized, Double-Blinded, Placebo-Controlled study to Evaluate the Safety, Tolerability, and Efficacy of Intravenous Varespladib Followed by Oral Varespladib in Addition to Standard of Care in Subjects Bitten by Venomous Snakes (BRAVIO - Broad-spectrum Rapid Antidote: Varespladib IV to Oral Trial for snakebite) Protocol Number: OPX-PR-03- sponsored:Syneos Health	Dept of Pediatrics, AIIMS Raipur, Sponsored Trial
33.	A multicentre trial evaluating the efficacy and safety of oral decitabine-tetrahydrouridine (NDec) in patients with sickle cell disease. Sponsored by Novo Nordisk (Medicine Dept.)	Dept of Medicine, AIIMS Raipur, Sponsored Trial

PUBLICATIONS

1. Chandrakar D, Patel S, Wasnik PN, et al. Effect of unmetabolized folic acid on immunoinflammatory markers in sickle cell disease patients taking folic acid supplementation. ***Indian J Clin Biochem.*** 2024;1-8. (IF: 2.2)
2. Gupta DL, Meher J, Giri AK, et al. RBD mutations at the residues K417, E484, N501 reduced immunoreactivity with antisera from vaccinated and COVID-19 recovered patients. ***Drug Target Insights.*** 2024;18:20. (IF: 3.5)
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Abstracts Published in Journal(s):

Chapter in Book

Sl No.	Author (s)	Chapter Title	Editor	Book	Edition	City of Publication	Publisher	Year of Publication	First-Last Page
1.	Dr. Seema, Dr. Neha, Dr. Rakesh	Critical alerts in pediatric emergency medicine	Murugan TP, Das Adhikari D, Patnaik S	Pediatric emergencies: A Comprehensive manual	1st	New Delhi	Evangel publishing	2024	1001-1004

Edited Book

S. No.	Author (s)	Chapter Title	Book	Edition	City of Publication	Publisher	Year of Publication
1.	Dr.Eli Mohapatra, Dr.Rachita Nanda, Dr.Suprava Patel, Dr.Jessy Abraham	All chapters	Biochemistry Laboratory Manual	11th	Raipur	Dept. of Biochemistry	2024

PATIENT CARE

OPD	IPD
24,01,477	12,69,180

Department of Burns and Plastic Surgery

Associate Professor & Head
Dr. Jiten Kumar Mishra
Associate Professor
Dr. Shamendra Anand Sahu

HIGHLIGHTS

This year, the department started allo-skin graft transplantation in Burn injury patients

The department is continuously focusing on improvement in patient care techniques, especially in microsurgery techniques for reconstruction, teaching, training or resident & research projects. Also, the department has extended the expertise for dealing with surgical complications of other departments. Apart from the department's own routine activities it catered to reconstructive surgeries to other surgical departments to accomplish many referral reconstructions.

The holistic approach of re-vascularizing, re-neurotizing, restoring the activity of muscles in the injured/ traumatic limb by reconstructive surgeries led to functional limbs in many patients.

Congenital birth defects like cleft of lip, palate, hand, and foot anomalies are being treated successfully restoring form and function.

Despite the shortage of faculty, corrective, reconstructive surgeries were accomplished successfully in hundreds of needy patients who attended our special clinics i.e,

1. Clinic for Cleft lip, Palate
2. Clinic for Brachial Plexus & Peripheral Nerve Injury,
3. Clinic for Burn defects, Deformities

EDUCATION

This year two 1st batch MCh residents passed out from the department. At present, the department is undertaking the teaching and training of four MCh. Residents. The department is also undertaking training of residents posted from other departments on peripheral posting.

Academic Development :
The research work on the thesis project got published in indexed journals. The original works and series were presented at the national conferences of Plastic surgery. The Pre-op planning session undertaken by the department helps develop the clinical acumen of residents. The pre-op drawing of the relevant surgical anatomy in the whiteboard of the elective Operation theatre induces the discussion about the steps of surgical procedure.

CMEs/WORKSHOP/SYMPOSIA/NATIONAL & INTERNATIONAL CONFERENCES

S. No.	Title	CME/Conference	Date	Organized by
1.	Systematic Review and Meta Analysis	National Workshop	28-29.03.2025	Department of Peadiatric Surgery AIIMS Raipur

ORAL PAPERS/POSTERS PRESENTED

S. No.	Authors	Title	Conference	Date	Organised by
1.	Dr. Avijith (Senior resident) Guided by Dr. Jiten Kumar Mishra (Faculty)	Versatility of free anterolateral thigh flap for extremity reconstruction – our experience of management at a tertiary care centre	APSICON -2024	10 - 14.09.2024	Association of plastic Surgery of India
2.	Dr. Avijith (Senior resident) Guided by Dr.Shamendra Anand Sahu (Faculty)	Functional outcome of peripheral nerve schwannoma experience of management at a tertiary care centre	APSICON -2024	10 - 14.09.2024	Association of plastic Surgery of India

RESEARCH
Funded Project
Ongoing

S. No.	Project	Principal Investigator	Funding Agency	Duration (years)	Start year-End year	Total funds sanctioned (Rs.)
1.	Concomitant neurotization of supra scapular nerve and anterior division of axillary nerve with distal branches of spinal accessory nerve through posterior approach for restoring shoulder function in pan – brachial plexus injury – A prospective cohort Study	Dr.Jiten Kumar Mishra	AIIMS, RAIPUR	2 Years	11.12.24-10.12.2026	177000.00
2.	Randomized control trial to evaluate preventive use of hydroquinone cream to decrease the hyperpigmentation and pathologic scar (Hypertrophy and keloid) formation on split skin graft donor harvest site	Dr.Shamendra Anand Sahu	AIIMS, RAIPUR	1 YEAR		192600.00

Departmental Projects–Non-Funded Projects/ICMR-STS Projects/Thesis/Dissertations
Ongoing

S. No.	Project
1.	Outcome analysis of split thickness skin grafting with Dermal regeneration template (Integra) versus Direct spit thickness skin grafting for reconstruction of full thickness open – labeled pilot study
2.	Outcome analysis of the application of Acticoat dressing versus Collagen dressing in Split – Thickness skin graft donor healing: A randomized controlled trial
3.	Comparison of functional recovery of shoulder in combined nerve transfer in adult Brachial Plexus injury patients – an observational study
4.	Outcome analysis of adjuvant radiotherapy after surgical excision in keloids

PUBLICATIONS

1. Mishra , J.K., Sahu, S.A., Arora, R.D. et al. Versatility of Islanded Nasolabial Flap Based on Facial Artery and Vein for Reconstruction of Oral Cancer Defects, Experience in a Tertiary Care Center. Indian J Otolaryngol Head Neck Surg 76, 3944–3950 (2024). https://doi.org/10.1007/s12070-024-04748-y
2. Mishra JK, Sahu SA, Sindhuja A, Kar BK, Saha A. Reconstruction of Metacarpals of Two Rays with Double Barrel Osteocutaneous Fibular Flap in a Hand Injury with Composite Tissue Loss: A Case Report. Malays Orthop J. 2024 Nov;18(3):71-74. doi: 10.5704/MOJ.2411.010. PMID: 39691566; PMCID: PMC11647535.
3. Sahu S A, Mishra J K, Valsalan A, et al. (March 14, 2025) Hospital Fire Incidents: Challenges and Solutions in a Developing Nation. Cureus 17(3): e80594. DOI 10.7759/cureus.80594
4. Mishra JK, Sahu SA, Saha A, Sindhuja A, Rahmi JJ, Valsalan A. Popliteal Pterygium Syndrome with a Family History of Van der Woude Syndrome: A Case Report. J West Afr Coll Surg. 2024 Oct-Dec;14(4):445-449. doi: 10.4103/jwas.jwas_173_23. Epub 2024 Jul 18. PMID: 39309379; PMCID: PMC11412588.
5. Saha A, Mishra JK, Sahu SA, De M, Sindhuja A, Birua N. Analysis of Sensory Recovery of Neurotized Free Flaps in Cases of Head-Neck Reconstruction: Our Experience in a Tertiary Care Hospital. Cureus. 2025 Jan 17;17(1):e77584. doi: 10.7759/cureus.77584. PMID: 39958112; PMCID: PMC11830379.

PATIENT CARE

OPD	IPD	Major OT	Minor OT	Special Clinics
7349	461	424	376	1. Brachial plexus Injuries and Peripheral nerve injuries -263 2. Post burn deformities /defects/wound - 127 3. Cleft lip & Palate -115

Department of Cardiology

Additional Professor & Head
Dr. Satyajit Singh
Associate Professor
Dr. Surendra Kumar Naik (From 27.12.2024)
Assistant Professor
Dr. Abhishek Kumar (Till 09.01.2025)

HIGHLIGHTS

The Department of Cardiology completed the installation of state of the art Philips Azurion 7M12 cardiac catheterization lab which was inaugurated by Shri Pratap Rao Jadhav (Honorable State Minister Independent Charge, AYUSH Ministry & State Minister, MOHFW, Government of India) on August 4,2024. With the installation of second cardiac catheterization lab in AIIMS Raipur, the waiting time period for coronary and structural heart interventions has been reduced considerably.

The Department of Cardiology, AIIMS Raipur is the only AIIMS site which has been selected for the international , multicentric randomized clinical trial [ACCLAIM -LP(a)] of Lepodisiran which is a small interference RNA therapy against Lipoprotein (a). The multicentric trial is sponsored by Eli Lily and Cleveland Clinic Coordinating Center for Clinical Research (C5 Research).

This financial year also marked the beginning of recruitment of pregnant ladies with cardiac diseases for ICMR sponsored NPAC INDIA study for the development, implementation and evaluation of protocolized Cardio-Obstetric Care in improving maternal cardiac, obstetric and fetal outcomes of pregnant women with heart diseases in India.

2 DM students of Cardiology Department - Dr. Chandra Prakash Thakur and Dr. Muneshwar Kumar were awarded the prestigious Vag Bhatt Award for securing highest marks in DM course by Honorable President of India - Shrimati Draupadi Murmu during the 2nd Convocation of AIIMS Raipur.

EDUCATION

Department of Cardiology, AIIMS Raipur offers 3-year post-doctoral DM Cardiology course to candidates with MD (Medicine) / MD (Paediatrics) with annual intake of 2 candidates per year. The residents undergo training in echocardiography , holter , TMT lab, and interventional cardiac procedures training (coronary angiography, angioplasty & stenting, device closures for ASD,VSD & PDA, structural valve interventions, pacing - temporary and permanent pacemaker, CRT , pericardiocentesis) in cardiac catheterization lab -I and -II. Flipped classroom and unconventional learning experiences (UNCLE) approach have been introduced along with digital / e-learning in a big way to promote self directed learning and acquire knowledge in recent advances in Cardiovascular medicine for the implementation of global best practices in our Cardiology ward, ICCU-I, ICCU-II and HDU. Apart from the teaching imparted in

our department, the students are exposed to a pan-India perspective through clinical grand round and Cardiology Masterclass program in collaboration with teachers from other national institutes and centers of excellence (digital initiative).

LECTURES DELIVERED AT CMEs, NATIONAL & INTERNATIONAL CONFERENCES

Dr. Satyajit Singh

S. No.	Title	CME/Conference	Date	Organized by
1.	Emerging Lipid Loweing therapy	CARDICON-2024 , AIIMS Patna	19.10.2024	Cardiological Society of India (Bihar Chapter) & Department of Cardiology, AIIMS Patna
2.	Finerenone in Cardiorenal disease	UKCSI-2024, Dehradun	13.12.2025	Cardiological Society of India (UK Chapter)

RESEARCH

Funded Project

Ongoing

S. No.	Project	Principal Investigator	Funding Agency	Duration (years)	Start year-End year	Total funds sanctioned (Rs.)
1.	The NPAC -INDIA Study	Dr. Satyajit Singh	ICMR	5 years	2024	104675
2.	ACCLAIM LP(a) study	Dr. Satyajit Singh	Eli Lilly in collaboration with Cleveland Clinic Coordinating Center for Clinical Research	4 years	2024	80000 (processing charges). 731628 per patient enrolled.

Departmental Projects – Non-Funded Projects/ ICMR-STS Projects/ Thesis/Dissertations

Ongoing

S. No.	Project
1.	A cross-sectional study of clinical and etiological profile of patients presenting with large pericardial effusion and cardiac tamponade in a tertiary care hospital in Central India
2.	An observational, cross-sectional study of clinical profile, risk factors, echocardiographic and coronary angiographic profile of young ACS patients admitted at a tertiary care centre of Central India

Completed

S. No.	Project
1.	Detection of subclinical left ventricular dysfunction by global longitudinal strain in diabetic and pre-diabetic patients, and its correlation with hs-CRP and HbA1C.
2.	Assessment of Left ventricular myocardial performance index by myocardial tissue doppler imaging (TDI) & its correlation with serum TSH levels and atherogenic index of plasma (AIP) in patients with subclinical hypothyroidism

Collaborative Projects

Ongoing

S. No.	Project	Collaborating Department/Institution
1.	Effect of Metformin on renal function and serum lactate levels in patient undergoing coronary angiography / angioplasty	Department of Endocrinology, AIIMS Raipur
2.	Clinico-etiological profile of anemia in heart failure patients	Department of Internal Medicine, AIIMS Raipur

PUBLICATIONS

1. Singh S, Varshney A, Kumar A, Naik SK. Unveiling the rarity : An anomaly of the Left Circumflex Artery supplying left ventricular apex and presenting with myocardial Infarction. Cureus. 2024 Sep 3;16(9): e68585.
2. Varshney A, Singh S, Ghosh A, Naik SK, Kumar A, Thakur C, et al. Assessment of Left ventricle myocardial performance index (Tei index) by myocardial tissue doppler imaging and its correlation with serum TSH levels and atherogenic index of plasma in patients of subclinical hypothyroidism. Heart India 2024; 12: 147-53.
3. Priyan IG, Wasnik P, Kannauje P, Das P, Singh S, Patel S. Electrocardiographic changes and their association with disease severity in adults with sickle cell anaemia at a tertiary care center: A cross-sectional study. Cureus 16(5):e60197.
4. Kote R, Ravina M, Ranganath TG, Singh S, Reddy M, Prashanth P, Kote R. Role of Textural analysis parameters derived from FDG PET/CT in diagnosing Cardiac Sarcoidosis. World J Nuclear Med 2024; 23: 256-263.

PATIENT CARE

1. The department of Cardiology has 30 bedded indoor facility. It has 10 bedded Coronary care unit (CCU) with state of the art central monitoring system in 4th floor of C block, and 4 bedded high dependency unit (HDU). Patients of myocardial infarction, heart failure, cardiomyopathies, valvular heart disease, atrial and ventricular arrhythmias, pericardial diseases and cardiac masses are admitted and managed.
2. The Department of Cardiology has state of the art – Cardiac catheterization lab. where invasive cardiac procedures (diagnostic and therapeutic) are carried out.
3. The department has state of the art real-time 3D echocardiography with speckle tracking imaging and tissue doppler imaging (TDI).
4. The non-invasive lab has MEDILOG Darwin Holter monitoring system and 24 hour Ambulatory blood pressure monitoring system (ABPM).

OPD	IPD	ECG	ECHO-CARDIO GRAPHY	CARDIAC CATHLAB PROCEDURES
25597	1801	17349 + 49 Holter	12839 TTE + 68 TEE 13 BUBBLE CONTRAST ECHO	1678

AWARDS, HONOURS AND SIGNIFICANT EVENTS

1. Dr. Satyajit Singh was awarded the honororary associate membership of the Lipid Association of India (LAI).
2. Dr. Satyajit Singh participated in the panel discussion on the topic titled “Diabetes a silent killer -Challenges for saving vital organs and maintaining quality of life among diabetic patients” conducted by College of Nursing, AIIMS Raipur on 12.11.2024 on the occasion of world diabetes day.
3. Dr. Satyajit Singh participated in the panel discussion at the State Level Conference on the topic titled “The Common Oncological Emergencies (Cardiac emergencies and cancer therapy related cardiotoxicity): The Pearls and Pitfalls” conducted by College of Nursing, AIIMS Raipur on 14.02.2024 on the occasion of world Cancer day.
4. Dr. Surendra Naik underwent observership in the Department of Heart and Lung transplant and Mechanical Circulatory Support at MGM Healthcare Hospital, Chennai from 21st March to 30th March 2025
5. Dr. Satyajit Singh was invited as a chairperson for the Cardiology session of National Medicine Update -2024 organised by Department of General Medicine, AIIMS Raipur on 9th November, 2024.
6. Dr. Satyajit Singh chaired a session on peri-operative myocardial infarction : diagnosis and management in the EPIC 2025 conference (Evidence based practices in Intensive Care) organized by Department of Anesthesiology & Critical Care, AIIMS Raipur from January 31 to February 2, 2025
7. Dr. Satyajit Singh chaired sessions on role of cardiac MRI in myocardial infarction for myocardial viability, and role of CMR in non-ischemic myocardial pathologies in Indian Association of Cardiac Imaging Midterm CME 2025 organised by department of Radiodiagnosis and IACI on 23rd March 2025 in AIIMS Raipur.

Department of Cardiovascular and Thoracic Surgery

Professor & Head
Dr. Nitin Kumar Kashyap
Associate Professors
Dr. Preetam Sahani
Dr. Gaind Kumar Saurabh
Dr. Mehsare Pranay Suresh
Dr. Nirupam Sekhar Chakraborty

HIGHLIGHTS

Department of Cardiovascular and Thoracic Surgery are providing OPD, IPD as well as 24x7 days emergency services. The Department is performing all adult cardiac surgeries like Coronary artery bypass grafting, Valve replacement, Tetralogy of Fallot, Acynotic congenital heart disease, Aortic root enlargement. Thoracic surgeries - Decortication, Lung resections, chest wall and lung tumor resection. Vascular Surgeries- aneurysmal repair, bypass grafting, AV fistula construction, emergency embolectomy. The Department started uniportal Video-Assisted Thoracoscopic Surgery for inflammatory as well as in Cancer cases. The department has started dedicated Pediatric and neonatal cardiac Surgeries from 2021, including acynotic, cyanotic, all complex congenital surgery. The Department has dedicated 11 bedded fully equipped CTVS ICU and 4 bedded step-down ICU with 25 bedded CTVS ward as well as one isolation room facility for patient. The Department has started high end fully equipped dedicated CTVS ICU facility in 4th floor C block. ECMO facility started for end stage heart failure, DCMP, severe Left Ventricular failure, also for pediatric cardiac cases to support the failing heart. Started facility for cardiac tissue transplant. Department of CTVS received permission to start heart Transplant services from SOTTO. Department has started ECMO services in association with department of anesthesia.A substantial number of high-risk cardiovascular procedures, such as the Bentall operation combined with hemiarch replacement, were successfully performed in 2024.

EDUCATION

Started 6 years MCH CTVS super-specialty programme from 2023 with intake of 2 seats per year. First candidate of 3 years MCH CTVS programme has successfully completed the course in July 3023. The Department is continuing PDCC Pediatric Cardiac Critical Care course along with Department of pediatric and cardiology with intake of 2 seats per year.

CMEs/WORKSHOP/SYMPOSIA/NATIONAL & INTERNATIONAL CONFERENCES

S. No.	Title	CME/Conference	Date	Organized by
1.	Individualized management of Anticoagulation therapy	CME on Valvular heart disease	04.04.2024	Department of CTVS ,AIIMS Raipur in association with Abott
2.	Cell Saver in Autologous transfusion	Training sessions	08.07.2024	Department of CTVS ,AIIMS Raipur
3.	Paediatric Surgery Awareness Programme	Awareness Workshop	29.09.2024	Department of CTVS ,AIIMS Raipur

LECTURES DELIVERED AT CMEs, NATIONAL & INTERNATIONAL CONFERENCES

Dr Nitin Kumar Kashyap

S. No.	Title	CME/Conference	Date	Organized by
1.	Clinical performance of new leaflet Miltonia Valve in Mitral Valve replacement: Single center Trial	2nd World congress on heart and cardiovascular diseases	09.05.2024	Scientex Conferences, Thailand
2.	Chaired as session on basic sequence and imaging planes in cardiac MRI	Cardiac Imaging Midterm CME	23.03.2025	Department of Radiodiagnosis in association with IACI.

Dr. Nirupam Chakraborty

S. No.	Title	CME/Conference	Date	Organized by
1.	Individualized management of anticoagulation	CME on Valvular heart disaese	04.04.2024	Department of CTVS ,AIIMS Raipur in association with Abott

Dr. Gaind K Saurabh

S. No.	Title	CME/Conference	Date	Organized by
1.	IACTSCON 2025	National conference	20.02.2025	Indian society of Cardiovascular and Thoracic Surgeons
2.	Navigation of Av canal defect	Workshop	23.08.2024	Shri Venkateshwara Institute of Medical sciences, Tirupati

S. No.	Title	CME/Conference	Date	Organized by
3.	Management of Acute aortic dissection in trauma emergency	Annual Cardiovascular emergencies symposium	08.03.2025	AIIMS Raipur

Dr. Pranay S Mehsare

S. No.	Title	CME/Conference	Date	Organized by
1.	2nd eastern India aortic conclave	National Conference	25.05.2024-26.05.2024	Indian Association of Cardiovascular thoracic surgeons
2.	IACTSCON 2025	71st annual conference of the Indian Association of Cardiovascular Thoracic Surgeons	20.02.2025-23.02.2025	Indian Association of Cardiovascular Thoracic Surgeons

ORAL PAPERS/POSTERS PRESENTED

S. No.	Author	Title	Conference	Date	Organised by
1.	Dr. Nitin K Kashyap	Clinical performance of new leaflet Miltonia Valve in Mitral Valve replacement: Single center Trial	2nd World congress on heart and cardiovascular diseases	09.05.2024	Scientex Conferences, Thailand

RESEARCH

Departmental Projects – Non-Funded Projects/ ICMR-STS Projects/ Thesis/Dissertations

Ongoing

S. No.	Thesis
1.	Spectrum of Risk factors for acute onset DVT in AIIMS, Raipur

Completed

S. No.	Project
1.	Clinical Experience With The Miltonia Valve: Performance of New Blleaflet Mechanical Prosthesis in Mitral Valve Replacment

S. No.	Thesis
1.	Impact of subclinical hypothyroidism on early outcomes in patient operated with mitral valve replacement surgery.

Collaborative Projects
Ongoing

S. No.	Project	Collaborating Department/Institution
1.	study effect of yoga-based lifestyle changes on epicardial fat thickness, intima-media thickness, pulse wave velocity, VO2 max and anthropometric parameters in obese young adult	Department of Physiology

PUBLICATIONS

1. Mehsare P, Borkar N, Kashyap N, et al. (June 05, 2024) Comparison of Intercostal and Subxiphoid Left Pleural Drain After Coronary Artery Bypass Grafting (CABG) Surgery: A Systematic Review and Meta-Analysis. Cureus 16(6): e61710. doi: 10.7759/cureus.61710.
2. Kashyap, N.K., Mehsare, P., Saurabh, G.K. et al. Clinical experience with the miltonia valve: short-term performance of new bi-leaflet mechanical prosthesis in mitral valve replacement surgery. Indian J Thorac Cardiovasc Surg 41. 420-425 (2025)
3. Surgically challenging inflammatory myofibroblastic tumor: A rare Neoplasm of lung-published in asian cardiovascular & thoracic annals.
4. A Study of A1 and A2 Subtypes Among Whole-Blood Donors with Blood Groups A and AB at the Blood Center of a Tertiary Care Institute in Chhattisgarh Published in Cureus Journal 2024
5. Received the patent publication for innovation of highly oxygenated advanced closed system Spirometer (HOAC-IS) in Indian Patent Publication with (patent office journal No.no 16/2024 dated 19.04.2024)

PATIENT CARE

OPD	IPD	Major OT	Minor OT
9192	402	346	110

AWARDS, HONOURS AND SIGNIFICANT EVENTS

1. **Dr Nitin Kumar Kashyap**

a. Dr. Nitin Kumar Kashyap is Awarded with Fellowship in 2D Echocardiography from Medvarsity, Hyderabad in 2024

b. Felicitation for Kalakalp Prize winning by AIIMS, Raipur.

Department of Clinical Hematology

Associate Professor & Head

Dr. Saroj Bala

HIGHLIGHTS

The Institute is running Hematology OPD/ IPD/ Daycare/ Referrals and are also involved in Sickle clinic in association with General Medicine. The Department organised a State level conference on Lymphoma in collaboration with Medical Oncology Department. The Department conducted awareness programme on Sickle Cell disease day in association with Sickle committee. The department celebrated World Cancer day by conducting an awareness programme in OPD area in association with department of Medical Oncology.

CMEs/WORKSHOP/SYMPOSIA/NATIONAL & INTERNATIONAL CONFERENCES

S. No.	Title	CME/Conference	Date	Organized by
1.	Conference on Lymphoma	State Conference	18.03.2025	Department of Hematology/ Medical oncology

LECTURES DELIVERED AT CMEs, NATIONAL & INTERNATIONAL CONFERENCES

Dr. Saroj Bala

S. No.	Title	CME/Conference	Date	Organized by
1.	Recent advances in Relapsed/Refractory Autoimmune Thrombocytopenia	National conference of MHG	28.09.2024	Mumbai Hematology Group
2.	Management of ITP : Case based discussion	65th Annual Conference of ISHBT	07.11.24-10.11.24	ISHBT(Indian Society of Hematology & Blood Transfusion)
3.	Management of advanced stage Hodgkin Lymphoma	State Level conference on Lymphoma	18.03.25	Department of Hematology, Medical oncology AIIMS Raipur

S. No.	Title	CME/Conference	Date	Organized by
4.	Post-transplant Pulmonary complications: Is it GVHD?	National conference of EHG	13.04.24 & 14.04.24	Chhattisgarh Hematology association and EHG
5.	Clinical and psychological complications in management of Hemophilia	National CME	22.03.25	EHG

PUBLICATIONS

1. Digital Gangrene and Cutaneous Infarct in an Elderly Lady: A Diagnostic Conundrum. Indian Journal of Rheumatology OI: 10.1177/09733698241282447
2. Continuous Ambulatory Peritoneal Dialysis as Kidney Replacement Therapy in a child with Hemophilia A. Indian Journal of Pediatrics (October 2024) 91(10):1104

PATIENT CARE

OPD	IPD + Daycare
9244	2661

AWARDS, HONOURS AND SIGNIFICANT EVENTS

Dr. Saroj Bala was a panelist for panel discussion on management of acute lymphoblastic leukemia in annual conference organized by BALCO medical Centre, Raipur. She was chairperson for sessions on, case discussion on thrombocytopenia in Critical care patient in annual conference organized by Ram Krishna Care hospital, Raipur, for session on APLA syndrome in annual conference organized by Mumbai Hematology group and session on lung carcinoma management in a CME organized by Department of Pulmonary Medicine, AIIMS Raipur.

Department of Community & Family Medicine

Professor and Head
Prof. (Dr.) Manisha Ruikar
Professors
Dr. Abhiruchi Galhotra
Dr. Anjan Kumar Giri
Additional Professors
Dr. Gouri Kumari Padhy
Dr. Anjali Pal
Associate Professor
Dr. Arvind Kumar Shukla
Assistant Professors
Dr. Ashish Wasudeo Khobragade
Dr. Amit Kumar Mishra
Dr. Aditi Chandrakar
Dr. Ashwini Katole

HIGHLIGHTS

IAPSM-WHD-QUIZ-2024 was organized on 7th April 2024 under the aegis of Indian Association of Preventive & Social Medicine (IAPSM) with support of IAPSM-Madhya Pradesh Chapter.

Since May 2024, regularly conducting weekly health check-up camps followed by health education sessions for the villagers in various villages of Rural Field Practice Area of AIIMS Raipur.

As per the directives of MOHFW, conducted month long advocacy for blood pressure control, from 17th May to 16thJune, 2024 at Urban Field Practice Area (UFPA) & Rural Field Practice Area (RFPA) of AIIMS Raipur and won the second award in this month-long National Campaign and Competition held by the National Non-communicable Diseases Cell.

The Department of Community and Family Medicine has been identified as the Nodal Department to run Tobacco Cessation Centre of AIIMS Raipur. Hon'ble Union Minister of Health and Family Welfare inaugurated the Tobacco Cessation Centres (TCCs) in all medical institutions across India through virtual mode on 24th September 2024.

EDUCATION

Different participatory methods of teaching like field visit, family study, case presentation, role play, preparation of health education material, group health education activity for slum dwellers, group discussion, group exercise, quiz, seminar, tutorial etc. are used for undergraduate teaching.

For postgraduate teaching journal club, seminar, public health update, book review, clinico-social case presentation, hands-on training, book reading session, statistics lecture, group discussion, group exercise, and thesis review are periodically conducted.

CMEs/WORKSHOP/SYMPOSIA/NATIONAL & INTERNATIONAL CONFERENCES

S. No.	Title	Date	Organized by
1.	IAPSM-WHD-QUIZ-2024 organized under the aegis of Indian Association of Preventive & Social Medicine (IAPSM) with support of IAPSM-Madhya Pradesh Chapter	07.04.2024	Department of CFM, AIIMS Raipur
2.	Hands-on Training on Data Management and Analysis	28-30.10.2024	Department of CFM, AIIMS Raipur

LECTURES DELIVERED AT CMEs, NATIONAL & INTERNATIONAL CONFERENCES

Prof. (Dr) Manisha Ruikar

S. No.	Title	CME/Conference	Date	Organized by
1.	Data capturing in research	Hands-on Training on Data Management and Analysis	28.10.2024	Department of CFM, AIIMS Raipur

Prof. (Dr) Abhiruchi Galhotra

S. No.	Title	CME/Conference	Date	Organized by
1.	CKDu: Community Perception	CME on Occasion of World Kidney Day 2025	12.03.2025	Department of Nephrology & Urology, AIIMS Raipur
2.	Empowering Hearing Amplifying Happiness	CME on Occasion of World Hearing Day 2025	03.03.2025	Department of ENT, AIIMS Raipur

Prof. (Dr) Anjan Kumar Giri

S. No.	Title	CME/Conference	Date	Organized by
1.	Strengthening Routine Immunization services at AIIMS Raipur for urban beneficiaries	Urban Immunization Stakeholders Consultation	16.05.2024	JSI & UNICEF
2.	Physical activity- indispensable step in Diabetes care	Observation of World Diabetes Day	14.11.2024 (Online)	BCRMMRC IIT Kharagpur
3.	Tuberculosis: Burden, Epidemiology &Prevention (for AIIMS staff)	Observation of World TB Week	27.03.2025	Department of Pulmonary Medicine,AIIMS Raipur
4.	Tuberculosis: Burden, Epidemiology &Prevention (for faculty, SR/JR, Nursing staff)	Observation of World TB Week	28.03.2025	Department of Pulmonary Medicine, AIIMS Raipur

Dr. Ashish Wasudeo Khobragade

S. No.	Title	CME/Conference	Date	Organized by
1.	Prevention of Rabies	CME	28.09.2024	Department of Medicine, AIIMS Raipur
2.	Data cleaning and analysis in MS Excel	Hands-on Training on Data Management and Analysis	28.10.2024 to 30.10.2024 (Online)	Department of CFM, AIIMS Raipur
3.	Descriptive analysis	Hands-on Training on Data Management and Analysis	28.10.2024 to 30.10.2024	Department of CFM, AIIMS Raipur
4.	Parametric and non-parametric tests	Hands-on Training on Data Management and Analysis	28.10.2024 to 30.10.2024	Department of CFM, AIIMS Raipur
5.	Correlation and regression	Hands-on Training on Data Management and Analysis	28.10.2024 to 30.10.2024	Department of CFM, AIIMS Raipur

Dr. Amit Kumar Mishra

S. No.	Title	CME/Conference	Date	Organized by
1.	Sampling methods and sample size calculation	National CME on Research Methodology	18.10.2024	AIIMS Rajkot
2.	MS Excel: A platform for data entry	Hands-on Training on Data Management and Analysis	28.10.2024 to 30.10.2024	Department of CFM, AIIMS Raipur
3.	Basics of Epidata Software & triplet file	Hands-on Training on Data Management and Analysis	28.10.2024 to 30.10.2024	Department of CFM, AIIMS Raipur
4.	Development of data documentation sheet	Hands-on Training on Data Management and Analysis	28.10.2024 to 30.10.2024	Department of CFM, AIIMS Raipur
5.	Creating a questionnaire file for data entry	Hands-on Training on Data Management and Analysis	28.10.2024 to 30.10.2024	Department of CFM, AIIMS Raipur
6.	Recording data in .REC file	Hands-on Training on Data Management and Analysis	28.10.2024 to 30.10.2024	Department of CFM, AIIMS Raipur
7.	Limiting data entry error by checks	Hands-on Training on Data Management and Analysis	28.10.2024 to 30.10.2024	Department of CFM, AIIMS Raipur
8.	Antirabies vaccination and prevention and management of Snakebites	Workshop on National Rabies Control Programme and Snake bite	19.11.2024	CMHO, Kabirdham

Dr Amit Kumar Mishra

S. No.	Title	CME/Conference	Date	Organized by
9.	Capacity building including training cum workshop under National Rabies Control Programme	Workshop on National Rabies Control Programme	11.12.2024	CMHO, Balodabazar
10.	Emergency Situations and Disaster Management	Hands-on Training 'First Aid Module -2025'	29.01.2025	College of Nursing, AIIMS Raipur

ORAL PAPERS/POSTERS PRESENTED

S. No.	Authors	Title	Conference	Date	Organised by
1.	Aditi Chandrakar	Coverage of Nikshay Poshan Yojna among patients of Tuberculosis in Raipur District, Chhattisgarh	10thZonal Conference of MP-CG Chapter, IAPSMCON 2024	01.12.2024	Late Shri Lakhiram Agrawal Memorial Government Medical College, Raigarh
2.	**Ashwini Katole,** Anubhuti Kujur, Manisha Ruikar	Male perspective and involvement in family planning: Insite from qualitative exploration	6th National Conference of Family Medicine and Primary Care	28.09.2024	AIIMS Rishikesh
3.	**Ashwini Katole,** Anubhuti Kujur, Manisha Ruikar	Social and cultural determinants involved in Family Planning practice in Raipur: A Qualitative study	5th IAPSM Young Leaders' National Conclave	10.11.2024	Centre of Community Medicine, AIIMS Delhi
4.	**Abhisikta Bose**, Gouri Kumari Padhy	Lights, camera and health: Role of Bollywood in spreading health awareness- a cross-sectional study based on online film reviews	5th IAPSM Young Leaders' National Conclave	10.11.2024	Centre of Community Medicine, AIIMS Delhi
5.	**Abhisikta Bose**, Gouri Kumari Padhy	Effectiveness of a medicine calendar in improving medication adherence among patients with chronic diseases – a non - randomized before and after study without control	5th IAPSM Young Leaders' National Conclave	10.11.2024	Centre of Community Medicine, AIIMS Delhi

S. No.	Authors	Title	Conference	Date	Organised by
6.	**Suchismita Ghosh**, Anjan Kumar Giri, Manisha Ruikar	Prevalence of health risk behaviours and associated sociodemographic factors among adolescents in urban slum of Raipur	6th National Conference of Family Medicine & Primary Care	28.09.2024	AIIMS Rishikesh
7.	**Veena G Dev**, Manisha Ruikar	Assessment of functioning of Health and Wellness Centres in Kurud Block of Dhamtari District, Chhattisgarh – A facility based cross-sectional study	5th IAPSM Young Leaders' National Conclave	08.11.2024 to 11.11.2024	Centre of Community Medicine, AIIMS Delhi
8.	**Veena G Dev**, Manisha Ruikar	Exploring barriers in the functioning of Health and Wellness Centres: A qualitative study in Kurud Block of Dhamtari District, Chhattisgarh	PREVENCON 2025 International Hybrid Conference	21.02.2025 and 22.02.2025	Tamil Nadu Alliance for Development of Community Medicine (TADCOM) and Sri Lakshmi Narayana Institute of Medical Sciences, Puducherry
9.	**Sashikanta Tripathy**, Manisha Ruikar	Provision of NCD care services at public healthcare facilities and out-of-pocket expenditure in a district of Chhattisgarh	6th National Conference of Family Medicine and Primary Care	28.09.24	AIIMS Rishikesh
10.	**Arya V R**, Anjan Kumar Giri	Socio-demographic and environmental factors influencing Acute Respiratory Infections among under five children in urban slum of Raipur - A community based cross sectional study	6th National Conference of Family Medicine & Primary Care	28.09.2024 and 29.09.2024	AIIMS Rishikesh

S. No.	Authors	Title	Conference	Date	Organised by
11.	Ashish Khobragade, **Akash Khande**	Knowledge, attitude and practices regarding Rabies among general population in India - A systematic review and meta-analysis	5th IAPSM Young Leaders' National Conclave	09.11.2024 to 10.11.2024	Centre of Community Medicine, AIIMS Delhi
12.	Ashish Khobragade, **Akash Khande**	Dietary practices among type 2 diabetes mellitus patients residing in an urban slum of Raipur, Chhattisgarh	IPHACON 2025, 69th National Conference	21.03.2025 to 23.03.2025	Department of Public Health, Jawaharlal Nehru Medical College (JNMC), KAHER Belagavi
13.	Ashish Khobragade, **Akash Khande**	Socio-economic predictors of global crude suicide rates	IPHACON 2025, 69th National Conference	21.03.2025 to 23.03.2025	Department of Public Health, JNMC, KAHER Belagavi
14.	**S Aswanth**, Amit Kumar Mishra	Rabies in pregnant women and its impact on fetal outcomes	APCRICON-2024 National Conference	04.08.2024	Association of Prevention & Control of Rabies in India
15.	**S Aswanth**, Amit Kumar Mishra	Failure of rabies post-exposure prophylaxis -A public health concern	APCRICON-2024 National Conferencea	04.08.2024	Association of Prevention & Control of Rabies in India
16.	**S Aswanth**, Amit Kumar Mishra	Mental health status of healthcare workers in India: A review	10th Zonal Conference of MP-CG Chapter, IAPSMCON 2024	01.12.2024	Late Shri Lakhiram Agrawal Memorial Government Medical College, Raigarh
17.	**S Aswanth**, Amit Kumar Mishra	Prevalence of tobacco usage and nicotine dependence among adolescent boys (15-19 years) in urban slums of Raipur city	PREVENCON 2025 International Hybrid Conference	21.02.2025	TADCOM and Sri Lakshmi Narayana Institute of Medical Sciences, Puducherry

S. No.	Authors	Title	Conference	Date	Organised by
18.	**S Aswanth**, Amit Kumar Mishra	Prevalence of substance abuse, and risk of depression and anxiety among adolescent boys (15-19 years) in urban slums of Raipur city	PREVENCON 2025 International Hybrid Conference	21.02.2025	TADCOM and Sri Lakshmi Narayana Institute of Medical Sciences, Puducherry
19.	**S Aswanth**, Amit Kumar Mishra	Proportion of different substance usage among adolescent boys (15 to 19 years) and their dependence among current substance users in urban slums of Raipur City	IPHACON 2025, 69th National Conference	23.03.2025	Department of Public Health, JNMC, KAHER Belgavi
20.	**Chetna Samal,** Manisha Ruikar	Provision of services under India Hypertension Control Initiative at public healthcare facilities in a district of Chhattisgarh	IPHACON 2025, 69th National Conference	21.03.2025 to 23.03.2025	Department of Public Health, JNMC, KAHER Belgavi
21.	**Dinesh kumar S**, Aditi Chandrakar, Arvind Kumar Shukla, Abhiruchi Galhotra	Health seeking behaviour amongst follow-up cases of Hypertension and Diabetes in a block of Raipur district -A cross-sectional study	5th IAPSM Young Leaders' National Conclave	09.11.2024 & 10.11.2024	Centre of Community Medicine, AIIMS Delhi
22.	**Dinesh kumar S**, Aditi Chandrakar, Arvind Kumar Shukla, Abhiruchi Galhotra	Quality of Life among Diabetic and Hypertensive patients attending Ayushman Arogya Mandir (Sub Health Centre) for follow up in a block of Raipur district	IPHACON 2025, 69th National Conference	21.03.2025 to 23.03.2025	Department of Public Health, JNMC, KAHER Belagavi
23.	**Sangram Kishore Swain**, Anjan Kumar Giri	Dengue in India -Time to intensifying IVM after analyzing State and UT wise cases & Death from 2019-2024	5th IAPSM Young Leaders' National Conclave	09.11.2024 and 10.11.2024	Centre of Community Medicine, AIIMS Delhi
24.	**Sangram Kishore swain**, Gouri Kumari Padhy, Anjan Kumar Giri	Analysis of cases registered and judicial outcomes for brutal crime against women in Indian states & UT between (2017-2021): A public health perspective	5th IAPSM Young Leaders' National Conclave	09.11.2024 and 10.11.2024	Centre of Community Medicine, AIIMS Delhi

S. No.	Authors	Title	Conference	Date	Organised by
25.	**Dr Sangram Kishore Swain**, Anjan Kumar Giri	Assessment of District Mental Health Programme in Raipur district of Chhattisgarh	IPHACON 2025, 69th National conclave	21.03.2025 to 23.03.2025	Department of Public Health, JNMC, KAHER Belagavi
26.	**Levin Jake Varghese**, Amit Kumar Mishra	From hesitancy to acceptance: Dispelling myths and making HPV Vaccination accessible	EPHACON National Conference	14.06.2024	Malabar Medical College, Calicut
27.	**Sakshi Jain,** Manisha Ruikar	Public-Private Partnership for digital dispensaries: Need of the hour for Universal Health Care	6th National Conference of Family Medicine & Primary Care	27.09.2024 to 29.09.2024	AFPI & AIIMS Rishikesh
28.	**Sanooja Sherin C K**, Gouri Kumari Padhy	Trend of mumps outbreak in India from 2014-2024: Analysis of IDSP data	EPHACON 2024	14.06.2024 to 15.06.2024	Department of Community Medicine, Malabar Medical College and Research Centre, Calicut
29.	**Sanooja Sherin C K**, Gouri Kumari Padhy	Emerging encephalitic infections in Kerala: A comparative study of Nipah and amoebic encephalitis outbreaks	5th IAPSM Young Leaders' National Conclave	09.11.2024 to 10.11.2024	Centre for Community Medicine, AIIMS Delhi
30.	**Alan Thomas**, Anjan Kumar Giri	Indications, safety profile and uses of rabies monoclonal antibodies	APCRICON 2024	03.08.2024 and 04.08.2024	MKCG Medical College, Berhampur
31.	**Hunny Sharma**, Manisha Ruikar, Arvind Shukla	Application of Geographic Information System and Google Earth Engine for spatial analysis of land use by the legacy dump site at Raipur, Chhattisgarh: A time series analysis	Armed Forces Conference on Climate Change and Environmental Susceptibility: Public Health Perspective	13.06.2024 to 15.06.2024	Armed Forces Medical College, Pune

S. No.	Authors	Title	Conference	Date	Organised by
32.	**Srikanta Padhan**	A study on awareness regarding environmental issues among college students of Bargarh District of Odisha	Armed Forces Conference on Climate Change and Environmental Susceptibility: Public Health Perspective	13.06.2024 to 15.06.2024	Armed Forces Medical College, Pune
33.	**Vaishali Soni**, Anjan Kumar Giri	Unveiling the Truth: Analysis of news articles on food adulteration	1st National Congress on Nutrition and Public Health	07.02.2025 and 08.02.2025	KGMU, Lucknow

RESEARCH (Funded Project)

Ongoing

S. No.	Project	Principal Investigator	Funding Agency	Duration (years)	Start year-End year	Total funds sanctioned (Rs.)
1.	National Mental Health Survey-2(NMHS-2)	Prof. Dr Manisha Ruikar	MoHFW	2 years	2024-2026	Rs. 1,16,42,500/-
2.	MINErVA (Mortality in India Established through Verbal Autopsies) Network – A Joint Initiative of Registrar General of India and AIIMS, New Delhi	Prof. Dr Manisha Ruikar	Govt. of India	2 years Indefinite	Start year - 2018	Rs. 2,55,150/- (Second release of fund) Activity based long term release of funds for years to come
3.	Capacity building and framework development for SARI burden estimation and forecasting in India: A CDC funded project	Dr Amit Kumar Mishra	CDC Atlanta	4 Years	2023	Rs. 7,10,42,388/- for 4 sites

Completed

S. No.	Project	Principal Investigator	Funding Agency	Duration (years)	Start year-End year	Total funds sanctioned (Rs.)
1.	Assessment of continuum of care for Hypertension and Diabetes in India – 01 February – 31 May	Prof. Dr. Abhiruchi Galhotra	ICMR-NCDIR	1 year	April 2023-December 2024	Rs. 6,00,000/-

S. No.	Project	Principal Investigator	Funding Agency	Duration (years)	Start year-End year	Total funds sanctioned (Rs.)
2.	Effectiveness of a self-sustaining model of Behaviour Change Communication (BCC) interventions delivered through school going students to their parents on prevention of Non-Communicable Diseases – A study in the Urban Field Practice Area of AIIMS, Raipur	Prof. Anjan Kumar Giri	AIIMS Raipur	1 Year	2022-2023	Rs. 5,00,000/-

Departmental Projects – Non-Funded Projects/ ICMR-STS Projects/ Thesis/Dissertations

Ongoing

S. No.	Project
1.	Assessment of Health Literacy of mothers attending OPDs of Ayushman Arogya Mandir (Sub Health Centers) of Raipur district: A Cross-Sectional Study.
2.	A cross-sectional study to assess indications and out of pocket expenditure (OOPE) for caesarean section in public secondary and tertiary health care facilities of Raipur city.
3.	Using 'Microteaching' to improve learning outcomes in selected chapters of National Health Programmes in Community Medicine
4.	Assessment of quality of life and factors associated with it among post-menopausal women in a tertiary care hospital in Raipur, Central India.
5.	Coverage of Nikshay Poshan Yojana (NPY) - a direct benefit transfer scheme for Tuberculosis patients in Raipur District, Chhattisgarh.
6.	Self-Medication Practices among Medical and Engineering undergraduate students: A Comparative Cross-Sectional Study in Raipur, Chhattisgarh.
7.	Prevalence and correlates of physical activity among school-going adolescents of Raipur city
8.	Prevalence and correlates of poor sleep quality and sleep hygiene among university students at a Raipur city: a cross-section study
9.	Prevalence and Factors Associated with Depression, Anxiety, Stress and Addiction Among Higher Education Students in Raipur City: A Cross-Sectional Study
10.	Perception of sickle cell anemia patients and caregivers towards vaccines against opportunistic infections in sickle cell anemia at a tertiary care centre in Raipur
11.	Effectiveness of Nutritional Support on Health Outcomes in Patients with Pulmonary Tuberculosis: Systematic Review and Meta-analysis.
12.	Immunogenicity and Safety Profile of Anti-tuberculosis Vaccine Among Adults: A Systematic Review and Meta-analysis of Randomized Controlled Trials
13.	Assessment of Learning Preferences among Undergraduate medical students at AIIMS, Raipur

S. No.	Project
14.	Dietary practices among type 2 diabetes mellitus patients residing in an urban slum of Raipur.
15.	Prevalence and determinants of substance abuse among late adolescent boys (15 to 19 years) in urban slums of Raipur city, Chhattisgarh
16.	Assessment of Implementation of Indian Hypertension Control Initiative in one block of Raipur District
17.	Quality of Life among Diabetic and Hypertensive patients attending Ayushman Arogya Mandir (Sub Health Centre) for follow up in a block of Raipur district
18.	A study on food safety practices and its determinants among street food vendors in Raipur city
19.	Prevalence of Depression, Anxiety and Stress Among the Married Women of Age Group 18-45 Yrs In Urban Slums of Raipur City
20.	Assessment of District Mental Health Programme in Raipur district of Chhattisgarh
21.	Prevalence and determinants of overweight and obesity among the children and adolescents aged 5 to 19 years in an urban slum of Raipur, Chhattisgarh
22.	Assessment of drinking water quality in urban slums of Raipur city, Chhattisgarh: A cross-sectional Study
23.	Assessment of implementation of Rashtriya Kishor SwasthyaKaryakram in one block of Raipur district
24.	Utilization of mother and child protection card among beneficiaries in urban field practice area of a medical institution: a cross-sectional study
25.	Prevalence of high-normal blood pressure, hypertension and related risk factors among undergraduate medical students in Raipur City: A cross-sectional study
26.	Effect of health education on cancer awareness among school students (Classes 9-12) of Raipur city
27.	Assessment of services available for prevention of rabies in the Primary Health Centres (PHCs) of Raipur district
28.	Depression, Anxiety, and Quality of Life among Cancer patients receiving treatment at a tertiary care hospital in Chhattisgarh: A cross-sectional study
29.	Assessment of drug compliance among pulmonary tuberculosis patients of Raipur city, Chhattisgarh
30.	Prevalence and determinants of risk factors of noncommunicable diseases among secondary and higher secondary school adolescents in Raipur city
31.	Out-of-pocket expenditure among CKD patients undergoing renal replacement therapy in a public tertiary care hospital in Raipur city – A cross-sectional study
32.	Effect of health education on knowledge regarding breast cancer and breast self-examination among women in an urban slum of Raipur: An interventional study.
33.	A cross-sectional study on Health seeking behavior among elderly living in urban slums of Raipur city
34.	A study on evaluation of municipal solid waste management and pilot testing of developed tailor-made digital programme for improving household waste segregation in Raipur City of Chhattisgarh: A mixed-method approach
35.	Assessment of availability of free diagnostic services and practice related to segregation of bio-medical waste generated during diagnostic procedures in public health facilities of Chhattisgarh
36.	Laboratory testingmilk &milk products, edible oil and spices for identification of adulterants and assessment ofconsumers' knowledge of food adulteration & its effect on human health in Raipur City of Chhattisgarh

Completed

S. No.	Project
1.	The burden of hypertension and diabetes mellitus and its associated risk factors in an urban slum of Raipur: A retrospective record-based study.
2.	Forecasting the suicides and accidental deaths in India: A time series analysis of preventable mortalities of India.
3.	Assessment of health promoting status of schools in Raipur city
4.	Study of cardiovascular risk assessment among population using WHO ISH risk chart in an urban area of Raipur
5.	Factors influencing nonadherence to multi-drug therapy and the effect of electronic message-based health education in improving adherence among the patients with Hansen's disease in AIIMS Raipur
6.	Assessment of Implementation of National Programme for Prevention and Control of Cancer, Diabetes, Cardiovascular diseases & Stroke (NPCDCS) in Dhamtari district of Chhattisgarh
7.	A Study of knowledge, attitude, and practices regarding Road Safety among people at Blackspots in one block of Raipur District (CG)
8.	Study on the effects of health education on oral healthcare in school students of Raipur
9.	Prevalence & Determinants of ARI &Diarrhoea in an urban slum of AIIMS, Raipur

Collaborative Projects

Ongoing

S. No.	Project	Collaborating Department/Institution
1.	National Mental Health Survey – 2 (Principal investigator)	NIMHANS, Bengaluru Directorate of Health Services, Chhattisgarh Department of Psychiatry, AIIMS Raipur
2.	MINErVA (Mortality in India Established through Verbal Autopsies) Network – A Joint Initiative of Registrar General of India and AIIMS, New Delhi(Multicentric project) (Principal investigator)	AIIMS, New Delhi Directorate of Census Operations, Raipur, Chhattisgarh Directorate of Economics and Statistics, New Raipur, Chhattisgarh
3.	Capacity building and framework development for SARI burden estimation and forecasting in India: A CDC funded project (Principal investigator)	CDC, Atlanta
4.	Assessment of individual and health system factors for cardiovascular disease risk reduction at diverse regions and facilities in India-A cross-sectional study (ICMR-CAR Project)	Department of Medicine, AIIMS Raipur
5.	Prevalence and factors associated with Depression, Anxiety, Stress and Addiction among higher education students in Raipur City: A cross-sectional study (Principal investigator)	Department of Physiology, AIIMS RAIPUR

S. No.	Project	Collaborating Department/Institution
6.	Prevalence and correlates of poor sleep quality and sleep hygiene among university students at Raipur City: a cross-section study (Principal investigator)	Department of Physiology, AIIMS Raipur
7.	Implementation pilot study of the MCCD audit framework in selected health facilities in India (Co-Investigator)	Department of FMT, AIIMS Raipur
8.	Prevalence of occupational noise-induced hearing loss amongindustrial workers in Raipur, Chhattisgarh (Co-Investigator)	Department of ENT, AIIMS Raipur
9.	Estimation of the prevalence of molar incisor hypo-mineralization (MIH) among primary and middle school children: A Cross-sectional study (Co-Investigator)	Department of Dentistry, AIIMS Raipur
10.	An evaluation of oral health related disease burden and needs among children and adolescents of 3-19 years of age with special health care needs of Raipur district, a cross-sectional study(Co-Investigator)	Department of Dentistry, AIIMS Raipur
11.	National Environmental Health Profile Study (Co-Investigator)	Department of Pulmonary Medicine, AIIMS Raipur
12.	Covid vaccination in pregnancy(COVIP study). (Co-Investigator)	Department of Obstetrics & Gynaecology, AIIMS Raipur
13.	Taskforce on Establishment of Reference Intervals in Indian Population (TERIIP) ICMR Project (Co-Investigator)	Department of Biochemistry, AIIMS Raipur
14.	Role of multiparametric MRI in prediction of response to neoadjuvant chemoradiotherapy in locally advanced rectal carcinoma; an observational study (Co-Investigator)	Department of Radiodiagnosis, AIIMS Raipur
15.	Single blind randomized clinical trial on 4 weeks versus 6 weeks antibiotic therapy in the management of non-surgically treated diabetic foot osteomyelitis (Co-Investigator)	Department of Endocrinology, AIIMS Raipur

PUBLICATIONS

1. **Sharma H, Ruikar M, Shukla A.** Application of Geographic Information System and Google Earth Engine for spatial analysis of land use by the legacy dumpsite at Raipur, Chhattisgarh: A time series analysis. Indian Journal of Occupational and Environmental Medicine.2024; 28:326-330.
2. **Sharma H, Ruikar M,** Verma S. Probiotic supplementation for periodontal diseases - An umbrella review. Indian J Dent Res. 2024; 35: 339-348.
3. **Sharma H, Ruikar M.** Crafting an effective questionnaire: An essential prerequisite of engaging surveys. Perspectives in Clinical Research 2025: 10.4103/picr.picr_157_24.
4. **Khobragade AW, Ruikar MM, Singh G, Jha A.** The burden of Hypertension and Diabetes Mellitus and their predictors in an urban slum of Chhattisgarh, India: A retrospective record-

based study. Cureus. 2025;17(3): e80953.
5. **Tripathy S, Mishra AK, Ruikar M.** Dengue dynamics in India: Harnessing auto regressive integrated moving average model for predictive insights. J Family Med Prim Care. 2025;14(3):1054-1057.
6. Gupta DL, Meher J, **Giri AK,Shukla AK,** Mohapatra E, **Ruikar MM**, et al. RBD mutations at the residues K417, E484, N501 reduced immunoreactivity with antisera from vaccinated and COVID-19 recovered patients. Drug Target Insights. 2024; 18:20-26.
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8. Shenoy, M. Swathi; **Galhotra, Abhiruchi**. Self-care for health for all - An utopian vision or a pragmatic plan? Indian Journal of Community Medicine. 2024;49(2):253-254.
9. Agrawal S, Chauhan G, **Galhotra A**, Goel S. Five years of national health policy in India: Critical analysis of the public health expenditure from 2017 to 2022 and way forward. Indian J Community Med. 2024;49(6):883-885.
10. **Das S, Shukla AK, Galhotra A.** Determinants of malnutrition among adolescent females of age 15–19 years in an urban slum of Raipur City. J Family Med Prim Care. 2024; 13:5231-5239.
11. **George S, Jha A, Giri AK**. Application of models of behavior change communication in various stages of healthcare. International Journal of Community Medicine and Public Health.2024; 11(6):2500–2503.
12. Kumar P, Chaudhary N, Kokane AM, Zaman F, Kamble B, Yadav K, **et al**. Designing a summative assessment blueprint in community medicine: an expert consensus approach at All India Institute of Medical Sciences. BMC Med Educ. 2024;24(1):1539.
13. **Padhan S, Padhy GK.** Transforming health-care system: Free Diagnostic Service Initiative and comprehensive primary health care. Indian J Public Health.2025; 69(1):121-123.
14. **Pal A,** Panigrahi SK, ParijaPP. A qualitative exploration of family and marital challenges faced by the Hepatitis-B positive patients and their partners in Central India. Indian Journal of Community Medicine: 10.4103/ijcm.ijcm_169_24, February27, 2025.
15. **Pal A,** Panigrahi SK, Parija PP, Majumdar S. Geospatial Analysis of Parental Healthcare-Seeking Behavior in the Vicinity of Multispecialty Hospital in India. Int J MCH AIDS. 2024;13: e014.
16. Sharma U, Verma S, Adithan S, **Khobragade A.** Morphology and variations of middle cerebral artery: systematic review and meta-analysis. Anat Cell Biol. 2024;57(4):481-497.
17. Rajaram S, Kesavan S, **Mishra AK,** Konduru RK, Purty AJ. Reorientation of medical education 2019: A step toward Tuberculosis elimination by undergraduate medical students. Journal of Medical Society. 2024;38(2):157-158.
18. Devajana DC, **Mishra AK,** Lakshmi JS. Trends in selected renal diseases among patients from below poverty line population in Karnataka during 2010-2021. Indian Journal of Health Sciences and Biomedical Research KLEU. 2024;17(3):239-244.
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20. Nanjunda DC, Rajesh HA, **Mishra AK,** Jyothi LS, Prasanna KS. Trends in selected heart diseases among Below Poverty Line population from Karnataka State, South India. International Journal of Health and Allied Sciences. 2024;12(2):77-83.
21. LahareVK, VermaN,**ChandrakarA.** A community-based cross-sectional study of injuries and risk factors in Raipur, Chhattisgarh. Journal of Acute Disease 2024;13(5):179-184.
22. **ChandrakarA.**Utilization of free referral transport services-102 or Mahatari Express under Janani Shishu Suraksha Karyakram in rural block of Raipur, Chhattisgarh. International Journal of Community Medicine and Public Health. 2025;12(1):188-192.
23. **Katole A.** Burden of noncommunicable diseases and COVID-19 pandemic prevention and control strategies. International Journal of Community Medicine and Public Health. 2024;11(9):3731-3734
24. **Katole A,** Saoji A. The study of awareness and practices regarding biomedical waste

management among the medical and paramedical staff in tertiary care hospitals in central India. International Journal of Current Research. 2024;16(06):28873-28877.
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26. **Dash NR, Singh G,** Mohapatra A, Keshetty SS**.** Dr. Ignaz Phillip Semmelweis: The unrecognized pioneer of aseptic practices. Cureus. 2024;16(8): e68350.
27. Dhinu K, Fernandez S, **Gupta A,**Elangbam V. Effect of health education on acceptance of human papilloma virus vaccine among parents of adolescent girls of Bishnupur, Manipur: A quasi-experimental study. Indian J Med Res. 2024;160(3&4):346-353.
28. Laishram J, Akoijam P, Christina S, Thoudam RD, **Gupta A,**Akoijam BS. Effectiveness of lifestyle counselling in management of Hypertension and Diabetes in an urban community of Manipur: A quasi-experimental study. Indian Journal of Public Health Research & Development. 2024;15(4).168-176.
29. **Mukherjee A, Gupta A,** Patel G, Kosambiya JK. Development and evaluation of effectiveness of a Universal Behavior Change Communication (UBCC) Model. Medical Journal of Dr. DY Patil University. 2024;17(Suppl 1): S140-S146.
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31. **Singh G**, Patra S, Upadhyay MK, Srivastava S. Prevalence of common mental disorders and perspective toward mental health in an urban resettlement colony of Delhi, India: A mixed-method study. J Educ Health Promot. 2024; 13:370.
32. Sahni H, **Sharma H**, Verma S, Tiwari A, Sharma A, Malhotra H. Flavored Tobacco Products (FTPs): A new-generation gimmick in the Indian market- A narrative review. Medical Journal of Dr. D.Y. Patil Vidyapeeth. 2025; 18: 10-18.

PATIENT CARE

S. No.	Facility	No. of Patients
1.	Vaccination of under-five, adolescent, pregnant woman	14811
2.	International travelers vaccinated for Yellow Fever	681
3.	OPV	16
4.	Children and adults including patients referred from clinical departments of AIIMS Raipur Vaccinated for optional vaccines	1550
5.	Hepatitis B Vaccination administered to students and staff of AIIMS, Rai	1364
6.	Screening OPD	42079
7.	Out of total Screening OPD, patients consulted by faculty/SRs/JRs of Department of CFM	19329
8.	Patients referred to specialized OPDs of AIIMS Raipur	16000
9.	Patients benefited from the Lifestyle Modification Clinic	1674
10.	OPD attendance at Urban Health Training Centre	12178
11.	Patients attending Special Clinics at UHTC (ANC, Immunization and NCD Clinic)	3862
12.	Lab investigations at UHTC	3359

AWARDS, HONOURS AND SIGNIFICANT EVENTS

CFM Team

- As per the directives of MOHFW conducted a month-long advocacy for blood pressure control, from 17th May to 16thJune 2024 at Urban Field Practice Area (UFPA) & Rural Field Practice Area (RFPA) of AIIMS Raipur and won the second award in this month-long National Campaign and Competition held by the National Noncommunicable Diseases Cell.

Dr Ashwini Katole, Assistant Professor

- Received best oral paper presentation award at 6th National Conference of Family Medicine and Primary Care held at AIIMS Rishikesh on 28th-29thSeptember 2024. Male perspective and involvement in Family planning: Insight from a Qualitative exploration (**A Katole**, A Kujur, M Ruikar).

Dr Abhisikta Bose, Senior Resident

- Won the prestigious 'Knowledge Rumble Quiz'in the 5th IAPSM Young Leaders' National Conclave 2024, held at AIIMS New Delhi on November 9-10, 2024
- Her Theme 'Revitalising Public Health: Unifying Efforts through Innovation and Collaboration' won the first prize in the Theme competition of 11th SCZ IAPSM Conference 2025 and will be adopted as the Conference's official Theme.

Dr Suchismita Ghosh, Senior Resident

- Secured second position award in oral paper presentation at 6th National Conference of Family Medicine and Primary Care held at AIIMS Rishikesh on 28th-29thSeptember 2024. (**S Ghosh**, A Giri, M. Ruikar)

Dr Veena G Dev, Senior Resident

- Won the prestigious 'Knowledge Rumble Quiz' in the 5th IAPSM Young Leaders' National Conclave 2024, held at AIIMS New Delhi on November 9-10, 2024
- Her Theme 'Empower Young Leaders: Inspire, Innovate, and Transform' won the first prize in the Theme competition of IAPSM Young Leaders' National Conclave2024 and was adopted as the Conclave's Official Theme.

Dr Sashikanta Tripathy, Postgraduate Junior Resident

- Won the 1st Prize in oral paper presentation at 6th National conference of Family Medicine & Primary Care held at AIIMS Rishikesh on 28th-29thSeptember 2024. (**S. Tripathy**, M. Ruikar).

Dr S Aswanth, Postgraduate Junior Resident

- Received best poster presentation award at PREVENCON 2025 - International Conference organized by Tamil Nadu Alliance for Development of Community Medicine at Puducherry from 21st to 23rd March 2025. (**Aswanth**, Mishra A).

Dr Hunny Sharma, Ph.D. Scholar

- Received the best oral paper award at the Armed Forces National Conference on Climate Change and Environmental Susceptibility: The Public Health Perspective organized by the Armed Forces Medical College, Pune during 13thto 15th June 2024. (**H. Sharma**, M. Ruikar, A. Shukla).

SIGNIFICANT EVENTS

Month-long advocacy for blood pressure control

As per the directives of MOHFW, Department of Community and Family Medicine conducted month long advocacy for blood pressure control, from 17th May to 16thJune 2024 at Urban Field Practice Area (UFPA) & Rural Field Practice Area (RFPA) and won the second award in this month-long National Campaign and Competition held by the National Noncommunicable Diseases Cell.

Hypertension screening for staff of AIIMS Raipur followed by a pledge ceremony was carried out at the Department of CFM for entire month. Health education in the form of distribution of pamphlets, one on one counselling, health talk, focus group discussions, pledge ceremony etc. were carried out at Urban and Rural Health Training Centres for patients attending OPD.

AIIMS Raipur Team comprising Faculty Coordinators Dr Gouri Kumari Padhy& Dr Ashish Khobragade along with CFM Senior Residents, Junior Residents and Interns, took efforts to make this month-long advocacya success; under the guidance and support of Prof. Dr Manisha Ruikar, HOD CFM.

State level Hands-on Training on Data Management and Analysis

The Department of Community and Family Medicine organized a state level 'Hands-on Training on Data Management and Analysis' at AIIMS Raipur from 28th October to 30th October 2024.

The training program was inaugurated by Lt Gen Ashok Jindal (Retd), Executive Director and CEO of AIIMS Raipur. In his inaugural address he endorsed the need for effective handling of the data and emphasized publishing the research articles in high impact journals to make the study findings more appealing and acceptable to the stakeholders.

Department of Dentistry

Professor & Head

Dr. Virat Galhotra

Professors

Dr. Nakul Uppal

Dr. Santhosh Rao

Dr. Manish J. Raghani

HIGHLIGHTS

Department of Dentistry provides routine essential services and specialized advanced multi-specialty dental services for outpatients on nominal charges. The treatment procedures offered include basic tooth extractions, oral prophylaxis, and restorative procedures. Specialized services include Pediatric and Preventive Dental care, Oral Rehabilitation for Children with special health care needs, Geriatric dental care, Non-surgical and surgical Endodontic therapies, Dental implants, Prosthetic Rehabilitation, Orthodontic treatment, Oral & Maxillofacial, and Orthogenetic Surgical procedures. Thirteen dental chairs are functional for delivering above mentioned oral health care services. Oral lesions are assessed for outpatients and inpatients, and dental health assessment and certification Performa have been developed for employment applicants requiring dental fitness for recruitment. In-house sterilization room to help with aseptic and sterile practises in dental opd, 13 fully functional dental chairs and minor surgery suite to provide advance dental care in a comprehensive approach with multiple specialists in the field. Specialized Pediatric OPD with comforting environment for the child with special attention towards preventive dentistry and parent education. Audiovisual/computer systems installed with every chair to help with patient education and awareness.

EDUCATION

- A weekly academic schedule of seminars, journal clubs, case presentations, and relevant summaries were presented by the PG trainees with sessions moderated by the faculty.
- Academic mentoring was provided for academic junior residents for their thesis research projects, papers, and posters presented at forums such as conferences.
- Academics, including PG faculty classes, are conducted on all working days.
- Lecture classes for MBBS students comprising of oral and dental topics with clinical relevance to a medical graduate, online distribution of study material and testing was introduced for the PG students.
- Internal assessment examination was conducted for the postgraduate students.
- Lecture classes for nursing students on oral health nursing considerations were conducted.
- Awarded certificate for 4-week online course in “Surviving Disruptive Technologies” by University of Maryland.
- Applied for and awarded Life membership of Indian Society for Medical Statistics.
- Adopted Google Classroom for MDS student performance assessment.

CMEs/WORKSHOP/SYMPOSIA/NATIONAL & INTERNATIONAL CONFERENCES

Dr. Virat Galhotra

S. No.	Title	CME/Conference	Date	Organized by
1.	45th National Indian Society of Pedodontics and Preventive Dentistry conference	Conference	26-28. 09. 2024	ISPPD at Banglore
2.	Safe and Effective Sedation of the Pediatric Dental Patient course	Course	25-26.10. 2024	American Academy of Pediatric Dentistry at Los Angeles
3.	Management of Pediatric Sedation Emergencies: Simulation	Course	27.10. 2024	American Academy of Pediatric Dentistryat Los Angeles
4.	PedoSoch 2025	Convention	30.01-01.02.2025	ISPPD at Navi Mumbai
5.	International Vital pulp therapy symposium	conference	20-21.02.2025	New Delhi
6.	1st INI Dental Conclave	conference	27-29.03. 2025	Department of Dentistry, AIIMS Kalyani

Dr. Nakul Uppal

S. No.	Title	CME/Conference	Date	Organized by
1.	Oral Cancer Awareness	CME	20.04. 2024	ENT Department, AIIMS Raipur
2.	PAC and Peri-operative Monitoring	Weekly Academic Meet	05.07.2024	Dean Academics, AIIMS Raipur
3.	Oncology: How the Field is Evolving	Weekly Academic Meet	09.08.2024	Dean Academics, AIIMS Raipur
4.	16th Asian Congress of Oral and Maxillofacial Surgery	International Conference	25–27.07. 2024	Asian Association of Oral and Maxillofacial Surgeons&AOMSI
5.	20th Annual Conference of AOMSI Kerala State	Conference	18-20.10. 2024	AOMSI Kerala State
6.	Medical Updates 2024: Addressing Challenges Across Specialties	CME	09.11.2024	Internal Medicine, AIIMS Raipur
7.	48th AOMSI Annual Conference	National Conference	12–14.12. 2024	AOMSI

Dr. Manish Raghani

S. No.	Title	CME/Conference	Date	Organized by
1.	CME on Oral Cancer Awareness	National CME	20.04. 2024	AIIMS, Raipur.
2.	16th Asian Congress of Oral and Maxillofacial Surgery	International Conference	25-27.07 2024	Asian Association of Oral and Maxillofacial Surgeons
3.	Workshop on Research Design and Biostatistics	National Workshop	01-02.08. 2024	AIIMS, Raipur.
4.	Cancer Conclave by Balco Medical Center	National Conference	20-22.09.2024	Balco Medical Center

LECTURES DELIVERED AT CMEs, NATIONAL & INTERNATIONAL CONFERENCES

Dr. Virat Galhotra

S. No.	Title	CME/Conference	Date	Organized by
1.	Endodontic Excellence: Synergy of root centeric strategies for multi-rooted teeth	45th National ISPPD conference NAMMA Pedo	26- 28. 09.2024	Indian Society of Pedodontics & Preventive Dentistry, Banglore
2.	Crown and Crown root fractures and their management	conference	09-12.09.2024	Indian Society of Pedodontics & Preventive Dentistry
3.	Advancing Pediatric Oral Health-Evidence Based Approach TO early childhood carries	1st INI Dental Conclave conference	27–29.03. 2025	Department of Dentistry, AIIMS Kalyani

Dr. Nakul Uppal

S. No.	Title	CME/Conference	Date	Organized by
1.	Anatomy of a Surgical Error	16th ACOMS	25–27.07. 2024	Asian Association of Oral and Maxillofacial Surgeons

S. No.	Title	CME/Conference	Date	Organized by
2.	CABs of Safer Outcomes in Odontogenic Infections	20th AOMSI Kerala State Conference	18–20.10.2024	AOMSI Kerala Chapter
3.	TMJ Ankylosis in Pediatric Patients: An Ounce of Prevention vs. a Pound of Cure	48th AOMSI Conference	12–14.12.2024	AOMSI
4.	Elements of a Protocol for Research Studies	MBBS Curriculum Lecture	13.07.2024	Medical Education Unit, AIIMS Raipur
5.	Designing Data Collection Tools, Principles of Data Collection, Data Management	MEU Lecture	24.08.2024	Medical Education Unit, AIIMS Raipur
6.	Dental Injury	MBBS Class (2022 Batch)	14.09.2024	Dentistry, AIIMS Raipur

Dr. Santhosh Rao

S. No.	Title	CME/Conference	Date	Organized by
1.	Temporomandibular Joint Replacement and Orthognathic Surgery in TMJ Ankylosis	16th Asian Congress of Oral and Maxillofacial Surgery (ACOMS) Conference	25-27.07.2024	AOCOMS, Chennai
2.	Beyond Joint Replacement: A novel Design for TMJ Reconstruction and facial Balance	27th Congress of European Association for CranioMaxillo Facial Surgery (EACMFS) Conference	17-20.09.2024	EACMFS, Rome, Italy
3.	Temporomandibular Joint Replacement and Orthognathic Surgery in TMJ Ankylosis	3rd AOMSI Odisha State Chapter Conference	23-25.08.2024	AOMSI, Konark, Odisha
4.	Complications of Orthognathic Surgery	48th Annual Conference of the Association of Oral and Maxillofacial Surgeons of India	12-14.12.2024	AOMSI, Kolkata
5.	Temporomandibular Joint Approach	GYAN 6 Gateways to the face	5-8.02. 2024	Govt. Dental College & BJ Medical College, Ahmedabad

Dr. Manish J. Raghani

S. No.	Title	CME/Conference	Date	Organized by
1.	Panel Discussion on Carcinoma Oral Cavity	CME on Oral Cancer Awareness	20.04.2024	Department of ENT and Head & Neck Surgery, AIIMS, Raipur.

S. No.	Title	CME/Conference	Date	Organized by
2.	Panel Discussion on Benign Pathologies of Jaw	AOMSI Masterclass 2024	08.06.2024	Association of Oral and Maxillofacial Surgeons of India
3.	Recent Trends in Management of Odontogenic Keratocyst	16th Asian Congress of Oral and Maxillofacial Surgery	25.07.2024	Asian Association of Oral and Maxillofacial Surgeons
4.	Panel Discussion on Team Approach in Head and Neck Onco Rehabilitation	Cancer Conclave by Balco Medical Center	22.09.2024	Balco Medical Center

ORAL PAPERS/POSTERS PRESENTED

Dr. Nakul Uppal

S. No.	Authors	Title	Conference	Date	Organised by
1.	Anshu Kumar, Nakul Uppal	Reinterpretation of Conflicting Histopathological Reports Using LLMs: A Pilot Case Series	CGMAXCON-2025	01–02.03.2025	Chhattisgarh AOMSI
2.	Smit Parmar, Nakul Uppal	Tip of the Iceberg: Maxillary Sinus Pathologies Mimicking Intraoral Lesions—A Literature Review	CGMAXCON-2025	01–02.03.2025	Chhattisgarh AOMSI
3.	Vipin Padmanabhan, Nakul Uppal	Mandibular Kinematics of Total Joint Replacement vs Normal TM Joints—A Literature Review	CGMAXCON-2025	01–02.03.2025	Chhattisgarh AOMSI

RESEARCH
Funded Project
Ongoing

S. No.	Project	Principal Investigator	Funding Agency	Duration (years)	Start year-End year	Total funds sanctioned (Rs.)
1.	Outcome assessment of indigenous designed Patient-Specific Implant with integrated Dental components for early rehabilitation of Oro Maxillary defect secondary to Post COVID- 1 9 Rhino-Maxillary Mucormycosis, A Prospective Cohort Pilot Study.	Dr. Virat Galhotra	ICMR, New Delhi	3 Years	2023 -26	96.8 Lakhs
2.	Outcome assessment of Concomitant total temporomandibular joint replacement and Orthognathic surgery using indigenous patient specific implants in TMJ Ankylosis, A Prospective Cohort Pilot Study	Dr. Virat Galhotra	ICMR, New Delhi	3 Years	2023 -26	97 Lakhs
3.	A Randomised, Double-blind, Multicentre, Placebo-controlled, Parallel Study to Evaluate the Efficacy and Safety of Tranexamic Acid Mouthwash of Morningside Healthcare Limited, UK, to Reduce Bleeding in Subjects Undergoing Tooth Extraction Who Are on Drugs Affecting Hemostasis.	Dr. Virat Galhotra	Funded by Morningside Healthcare Ltd, LE19 1WP, United Kingdom	1 Year	2023 -24	5 Lakhs

S. No.	Project	Principal Investigator	Funding Agency	Duration (years)	Start year-End year	Total funds sanctioned (Rs.)
4.	Evaluation of Efficacy and Safety of Aceclofenac + Paracetamol + Serratiopeptidase Combination After Impacted Lower Third Molar Surgery: A Randomized, Double-Blind Comparison with Aceclofenac + Paracetamol Combination	Dr. Virat Galhotra	ICPA Lab Ltd. Mumbai	2 years	2023-25	6 lakh
5.	Efficacy of chitosan-based hemostatic material on orofacial incisions: a randomized controlled study	Smit Parmar **Guide:** Dr. Nakul Uppal	AOMSI	1 year	Sep 2024-August 2025	20,000
6.	Outcome assessment of Concomitant total temporomandibular joint replacement and Orthognathic surgery using indigenous patient specific implants in TMJ Ankylosis, A Prospective Cohort Pilot Study	Dr Santhosh Rao	ICMR	3 years	25-03-2023 to 24-03-2026	97,50,026.88
7.	Outcome assessment of indigenous designed Patient-Specific Implant with integrated Dental components for early rehabilitation of Oro Maxillary defect secondary to Post COVID- 1 9 Rhino-Maxillary Mucormycosis, A Prospective Cohort Pilot Study.	Dr Santhosh Rao	ICMR	3 years	27-01-2024 to 26-01-2027	96,81,865.60

S. No.	Project	Principal Investigator	Funding Agency	Duration (years)	Start year-End year	Total funds sanctioned (Rs.)
8.	System Design, Analysis, Development, And A Clinical Trial Of An Instrumented Mouth-opening Device For Trismus Treatment.	Dr Manish J. Raghani	IITI DRISHTI CPS Foundation, IIT Indore, supported by DST, GOI	2 years	2023 - 2025	10 Lakhs
9.	Evaluation Of Efficacy And Safety Of Aceclofenac + Paracetamol + Serratiopeptidase Combination After Impacted Lower Third Molar Surgery: A Randomized, Double-blind Comparison With Aceclofenac + Paracetamol Combination	Dr Manish J. Raghani	IPCA Laboratories Ltd, Mumbai. IIT Indore, supported by DST, GOI	1 year	2023 - 24	6 Lakhs

Completed Non-Funded Projects

S. No.	Project	Principal Investigator	Funding Agency	Duration (years)	Start year-End year	Total funds sanctioned (Rs.)
1.	Assessing the impact of 5-FU on mouth opening in Oral submucous fibrosis patients- A prospective cohort pilot study	Dr. Virat Galhotra	Non Funded	1 Year	2024-25	
2.	Strategic Management of Selectively resorted roots in primary molars; A Prospective Cohort study evaluating combined lesion-sterilization tissue Repair & Pulpectomy in 5- to 8-year-old children.	Dr. Virat Galhotra	Non Funded	2 Years	2024-26	

Departmental Projects – Non-Funded Projects/ ICMR-STS Projects/ Thesis/Dissertations

Postgraduate Dissertation studies:

S. No.	Project	Role	Year	Name of the Student
1.	Oral and Dental changes in Pediatric patients with malignancy receiving chemotherapy	Guide	July 2021	Dr. Parimala Ambati Junior Resident Pediatrics and Preventive Dentistry AIIMS Raipur
2.	Efficacy of cold saline irrigation in reduction of post-operative pain, swelling and trismus of impacted mandibular third molar surgery	Co- Guide	July 2021	Dr. Rittik Chakraborty Junior Resident Oral & Maxillofacial Surgery AIIMS Raipur
3.	Radiographic evaluation of changes induced by Hyluronic acid in comparison with MTA as a pulpotomy medicament in primary molars- A Randomised controlled clinical trial	Guide	Jan 2022	Dr. Joseph Lepcha Junior Resident Pediatrics and Preventive Dentistry AIIMS Raipur
4.	Estimation of Prevalence of Molar Incisor Hypomineralization among primary and middle school children- a cross sectional study	Guide	July 2022	Dr. Rhea Gandham Junior Resident Pediatrics and Preventive Dentistry AIIMS Raipur
5.	An Epidemiological Survey of Oral Health Status and Treatment Needs among Children aged 3 to 18 years of age with Special Health care Needs of Raipur district, Chhattisgarh - A Cross sectional study	Guide	Jan 2023	Dr. Krupali Junior Resident Pediatrics and Preventive Dentistry AIIMS Raipur
6.	Comparative evaluation of the effectiveness of three different non-pharmacological behaviour guidance techniques during dental procedures requiring local anesthesia in 4-9-year-old children - A pilot randomized control trial	Guide	July 2023	Dr. Maneesha Prabhu Junior Resident Pediatrics and Preventive Dentistry AIIMS Raipur
7.	Assessment of children and adolescents for PTSD following maxillofacial and/or dental trauma - A Cohort study.	Guide	Jan 2024	Dr. Sairab Junior Resident Pediatrics and Preventive Dentistry AIIMS Raipur
8.	Association between mouth guard wear and traumatic dental injury in contact sports person in Raipur District. A case conduct Study.		July 2024	Dr Ramsiya Junior Resident Pediatrics and Preventive Dentistry AIIMS Raipur
9.	Comparative evaluation of intracanal saline as final irrigation at 2-4 degree Celsius & 13-15 degree Celsius, versus room temperature on post operative pain over 48 Hours in single visit pulpectomy; A Parallel three arm Randomized clinical Trial.		Jan 2025	Dr. Palakjeet Kaur Junior Resident Pediatrics and Preventive Dentistry AIIMS Raipur

Ongoing

S. No.	Project
1.	Efficacy of chitosan-based hemostatic material on orofacial incisions: a randomized controlled study
2.	Oral Melatonin versus Placebo as an Anxiolytic Agent for Reducing Preoperative Anxiety in Impacted Third Molar Surgery Under Local Anesthesia: a Double-Blinded Randomized Controlled Trial
3.	Thermal imaging findings of maxillofacial inflammation: a cross-sectional study
4.	Comparative Finite Element Analysis of Temporomandibular Joint (TMJ) in Patients Undergoing Total Joint Replacement (TJR) with and without Concomitant Orthognathic Surgery
5.	"Assessing the impact of 5-FU on mouth opening in Oral Submucous fibrosis patients – A prospective cohort Pilot study.
6.	Prevalence of anxiety and depression in temporomandibular disorders : A hospital-based cross sectional study
7.	Effect of High Frequency Repeated Transcranial Magnetic Stimulation on Pain Intensity in Patients with Temporomandibular Mandibular Joint Disorder in Adult Patients: a Prospective Cohort Study.
8.	Comparative assessment of improvement in masticatory efficiency in patients with anterior mandibular fractures treated with four-hole versus six-hole mini plate fixation: A pilot randomised controlled trial.
9.	Comparative analysis of 3D printed reduction splints vs conventional methods in Zygomaticomaxillary Complex fractures: assessing anatomical reduction and clinical outcomes : a pilot randomised controlled trial.
10.	Evaluating the Effect of Dexamethasone as an Adjunct to Ropivacaine in Prolonging the Duration of Postoperative Analgesia in Mandibular Open Reduction Surgeries: A Randomized clinical Trial.

Completed

S. No.	Project
1.	Efficacy of cold saline irrigation in reduction of post-operative pain, swelling and trismus after impacted mandibular third molar surgery
2.	The effect of sequencing the condylar fracture fixation on its operative time for effective fixation amongst the patients with multifocal fractures of Mandible - A randomized controlled clinical trial.

Collaborative Projects

Ongoing

S. No.	Project	Collaborating Department/Institution
1.	Oral Melatonin versus Placebo as an Anxiolytic Agent for Reducing Preoperative Anxiety in Impacted Third Molar Surgery Under Local Anesthesia: a Double-Blinded Randomized Controlled Trial	Dept. of Psychiatry, AIIMS Raipur
2.	System Design, Analysis, Development, and a Clinical Trial of an Instrumented Mouth-opening Device for Trismus Treatment.	IIT, Bhilai.

PUBLICATIONS

1. Rao S, Xavier F, Galhotra V. Precision and Affordability: Acrylic Surgical Template and Cutting Guide for Mandibular Reconstruction with Free Fibula Flap. Journal of Maxillofacial and Oral Surgery. 2024.https://doi.org/10.1007/s12663-024-02147-y
2. Raghani MJ, Preetha Anand P, Galhotra V. Preservation of Palatal Mucosa in Rhinomaxillary Mucormycosis Cases. J Maxillofac Oral Surg. 2024 Dec;23(6):1455-1461. doi: 10.1007/s12663-024-02129-0. Epub 2024 Mar 10. PMID: 39618467; PMCID: PMC11607237.
3. Rao, S., Xavier, F. & Galhotra, V. Precision and Affordability: Acrylic Surgical Template and Cutting Guide for Mandibular Reconstruction with Free Fibula Flap. J. Maxillofac. Oral Surg. (2024). https://doi.org/10.1007/s12663-024-02147-y
4. Jaiswal A, Angel L S, Sennimalai K, Raghani MJ, Siddiqui HP, Galhotra V, Gandham R. Evaluating the efficacy of platelet-rich plasma on orthodontic tooth movement rate: A systematic review and meta-analysis. J World Fed Orthod. 2024 Oct;13(5):229-239. doi: 10.1016/j.ejwf.2024.04.003. Epub 2024 Jun 10. PMID: 38862315.
5. Durga Kanaga, Rana Amal Singh, Thomas Delphia, Galhotra Virat. Endovital and endocrown: A synergistic approach for conservative management of a grossly carious mandibular molar. Journal of Conservative Dentistry and Endodontics 28(3):p 302-305, March 2025. | DOI: 10.4103/JCDE.JCDE_797_24
6. Ambati P, Galhotra V, Jondhale SN, Dolker T, Ravi M, Rathod P. Evaluation of oral complications in children undergoing chemotherapy: An observational study. J Indian Soc Pedod Prev Dent. 2024 Jul 1;42(3):184-189. doi: 10.4103/jisppd.jisppd_219_24. Epub 2024 Sep 9. PMID: 39250201.
7. Vijaya bharathi P.,Somkuwar, Surabhi Rambhau, Rao Santhosh, Galhotra Virat, Selvaraj Uvashri. Impact of prosthodontic rehabilitation on psychological status and quality of life in maxillectomy patients of coronavirus disease 2019-associated mucormycosis at a tertiary care center: A prospective clinical study. The Journal of Indian Prosthodontic Society 24(4):p 351-358, Oct-Dec 2024. | DOI: 10.4103/jips.jips_156_24
8. Rana A, Ravi M, Durga K, Galhotra V, Evelyn N, Rathod P. Smile Reestablished-Predictable Management of Complicated Crown-root Fracture through Surgical Extrusion with and without 180° Rotation: A Case Report. Int J Clin Pediatr Dent. 2024 Sep;17(9):1063-1067. doi: 10.5005/jp-journals-10005-2924. PMID: 39664818; PMCID: PMC11628696.
9. Agarwal, S.S., Anand, P., Rao, S. et al. Site-Based Comparative Analysis of Sample Collection Through Direct Biopsy and Nasal Swabs for Early Diagnosis of Post-COVID Rhinomaxillary Fungal Infection Using Potassium Hydroxide Mounting: A Retrospective Cohort Study. J. Maxillofac. Oral Surg. 23, 1013–1021 (2024). https://doi.org/10.1007/s12663-022-01812-4
10. Rao S, Rao S, Bodhey N, Soni N. Frontonasal Dysplasia: A Clinical Dilemma. Journal of Maxillofacial and Oral Surgery. 2025;24(1):74-7.
11. Gupta RK, Rao S, Kumar M. Unique presentation of oral glial choristoma in a middle aged lady post teeth extraction with osteomyelitis; A case report. Indian Journal of Pathology and Microbiology. 2025.
12. Vijayabharathi P, Somkuwar SR, Rao S, Galhotra V, Selvaraj U. Impact of prosthodontic rehabilitation on psychological status and quality of life in maxillectomy patients of coronavirus disease 2019-associated mucormycosis at a tertiary care center: A prospective clinical study. The Journal of Indian Prosthodontic Society. 2024;24(4).
13. Rao S, Xavier F, Galhotra V. Precision and Affordability: Acrylic Surgical Template and Cutting Guide for Mandibular Reconstruction with Free Fibula Flap. Journal of Maxillofacial and Oral Surgery. 2024.
14. Agarwal SS, Khandelwal E, Rao S, Raghani MJ. Electromyographic Study of Facial Nerve Function Using Two Different Surgical Approaches in Low Condylar Fractures of the Mandible: A Randomized Controlled Clinical Trial. J Oral Maxillofac Surg. 2024;82(9):1076-87.
15. Somkuwar S, Vijayabharathi P, Galhotra V, Rao S, Nagarkar NM, Raghani M, Pathak VK, Mehta R. Clinical, Demographic, and Oral Presentations of COVID-19 Associated Mucormycosis from a

Tertiary Care Hospital in India: A Cross-Sectional Study. J Maxillofac Oral Surg. 2023 Dec;22(4):1130-1138. doi: 10.1007/s12663-023-01970-z. Epub 2023 Jul 11. PMID: 38105823; PMCID: PMC10719169

16. Agarwal SS, Abdul Hafeez A, Rao S, Galhotra V, Das P. Oral Melioidosis in Odontogenic Keratocyst of Mandible. J Maxillofac Oral Surg. 2022 Jul 21;22(3):1-7. doi: 10.1007/s12663-022-01763-w. Epub ahead of print. PMID: 35891942; PMCID: PMC9302949.
17. Raghani Manish, Anand Preetha,Galhotra Virat. Preservation of Palatal Mucosa in Rhinomaxillary Mucormycosis Cases. Journal of Maxillofacial and Oral Surgery. 2024:10.1007/s12663-024-02129-0.
18. Jaiswal A, Galhotra V, Angel L S, Gandham R. Pre-surgical Nasal Molding of a Two-Day-Old Neonate With Complete Unilateral Cleft Lip and Palate Using Passive Nasoalveolar Molding Technique: A Case Report. Cureus. 2024 Jan 7;16(1):e51822. doi: 10.7759/cureus.51822. PMID: 38327955; PMCID: PMC10847393.
19. Jayam C, Yerragudi N, Kumar N, Galhotra V. Inflammatory Dentigerous Cyst in a 10-year-old Child Treated by Marsupialization: A Case Report. Int J Clin Pediatr Dent. 2023 Nov-Dec;16(6):871-874. doi: 10.5005/jp-journals-10005-2705. PMID: 38344376; PMCID: PMC10854247.
20. DolkerTundup, Shadani Kiran, Galhotra Virat, Rathod Parth, Gandham Rhea, Mukhtar Umer. Interceptive treatment modalities in class 2 malocclusion - A review of literature. Journal of Advanced Medical and Dental Sciences Research; Amritsar Vol. 11, Iss. 9, (Sep 2023): 14-18. DOI:10.21276/jamdsr
21. Shadani Kiran, DolkerTundup, Rathod Parth, Galhotra Virat, Parimala, Lepcha Joseph. Nasoalveolar molding in cleft lip repair: A literature review. Journal of Advanced Medical and Dental Sciences Research; Amritsar Vol. 11, Iss. 9, (Sep 2023): 19-26. DOI:10.21276/jamdsr

PATIENT CARE

OPD	Procedures	Major OT
40,542	49,264	487

AWARDS, HONOURS AND SIGNIFICANT EVENTS

1. **Dr Virat Galhotra** Nominated as **Associate Editor** in Journal of Indian Society of Pedodontics and Preventive Dentistry.
2. **Dr Manish J. Raghani** Won 1st Prize for a Scientific Poster titled ***"Periorbital Swelling: A Case of Benign Cystic Lesion Mimicking Malignancy"*** as co-author at the 9th State Conference of Chhattisgarh.
3. Dr. Subham Agarwal Received Achiever Karma Excellence Award – Presented by the President of India.
4. First Prize / Best Paper Prize for PG paper at CGMAXCON-2025 (guided Dr. Anshu Kumar).
5. Award of AOMSI 2024 Research Grant selection on national competition for thesis (guided Dr. Smit Parmar).
6. Certificate awarded by University of Maryland on "Surviving Disruptive Technologies".
7. Applied for and awarded Life membership of Indian Society for Medical Statistics
8. State Chapter of AOMSI. "CG MAXCON 2025" Raipur, C.G., 1st March 2025.
9. Grant Received – ISPPD for thesis research (Dr Maneeha Babu)
10. ***ICMR Grant Received*** – Mucins. (Dr. Poojalekshmi bhat)
11. Dr. Pruthvi Parlikar got First Prize – ***OMFS Quiz Competition*** at CG Maxcon 2025, Hotel Babylon, Raipur.

EVENT

On 14th November 2024 Celebrated children's day to raise awareness about early childhood caries,importance of oral health and hygiene among children through brushing demonstration, audiovisual aids and distributed tooth brushes, pastes and small rewards.



On 31st May 2024 Department Organized No tobacco day to raise awareness about oral cancer, oral health and hygiene.

Department of Dermatology

Additional Professor & Head
Dr. Satyaki Ganguly
Additional Professor
Dr. Namrata Chhabra Sharma
Associate Professor
Dr. Neel Prabha
Assistant Professors
Dr. Navneet Kour
Dr. Soumil Khare

HIGHLIGHTS

There were notable achievements by the Faculty and Postgraduate students of the department of Dermatology in the past year. The Department carried out an awareness and patient educational programme for leprosy patients and OPD attendees on the occasion of World Leprosy Day on 30th January.

EDUCATION

The department of Dermatology has a post-graduate training programme since 2018 with an annual intake of 4 students per year. Our post-graduate students Dr. Preethaa Sri P, Dr. Aathira VS and Dr. Ayush Bhatnagar won the first prize in the PG quiz in state conference MID CUTICON CG 2024 at Bhilai on 30.06.2024. Dr. Prachi Chetankumar Patel and Dr. Aji Bowlin Monisha won the IADVL scholarship for national conference MID DERMACON 2024 at Ranchi on 13.09.2024. Dr. Prachi Chetankumar Patel and Dr. Prasun Mishra won the Chhattisgarh state round of the IADVL GSK quiz for post graduates and qualified for the national round at Raipur on 1.12.2024. Dr. Nirmala VT, Dr. Prachi Patel and Dr. Aji Bowlin Monisha won the first, second and third prizes respectively for award paper presentation in state conference CUTICON CG 2024 at Raipur on 1.12.2024. Dr. Prasun Mishra won the IADVL scholarship for national conference DERMACON 2025 at Jaipur on 8.02.2025. Dr. Prachi Tete and Dr. Anjana S were awarded DHR-ICMR PG thesis grant 2024. Our passed out post-graduate student Dr. Sujana Bharadwaj was selected for the thesis based award paper session and won the IADVL scholarship for national conference MID DERMACON 2024 at Ranchi on 13.09.2024.

Academic Development:

Post-graduate students belonging to departments of General medicine, Pediatrics, Community Medicine, Emergency Medicine and Microbiology attended their peripheral postings in Dermatology department. In Addition, DM (Clinical Infectious Diseases) and DM (Pediatric Emergency Medicine) students also attended their peripheral postings in the department of Dermatology. We participate in fortnightly Dermatopathology CPC with the department of Pathology. We participated in 3 integrated teaching sessions in addition to regular undergraduate theory lectures and clinical postings.

LECTURES DELIVERED AT CMEs, NATIONAL & INTERNATIONAL CONFERENCES

Dr. Satyaki Ganguly

S. No.	Title	CME/Conference	Date	Organized by
1.	Dermatological examination in Rheumatology	AIIMS Raipur Rheumatology Update 2025	20.02.2025	Department of General Medicine AIIMS Raipur
2.	Exploring limitless possibilities with selective JAK 1 inhibitor in moderate to severe atopic dermatitis	CUTICON Chhattisgarh 2024	1.12.2024	IADVL Chhattisgarh
3.	Relapse in Psoriasis	CUTICON Chhattisgarh 2024	30.11.2024	IADVL Chhattisgarh
4.	Cyclosporine in Severe Psoriasis	MIDDERMACON 2024	13.09.2024	IADVL Jharkhand
5.	Abrocitinib in Dermatology:Is it JAK of all Trades	MIDDERMACON 2024	13.09.2024	IADVL Jharkhand

Dr. Namrata Chhabra

S. No.	Title	CME/Conference	Date	Organized by
1.	Antimicrobial resistance in leprosy	CUTICON Chhattisgarh 2024	1.12.2024	IADVL Chhattisgarh

Dr. Neel Prabha

S. No.	Title	CME/Conference	Date	Organized by
1.	Patch test Technique	CME on Cross Talk Immunology	07.04.2024	IADVL Chhattisgarh
2.	Management of allergic contact dermatitis beyond steroids	CG Cuticon	01.12.2024	IADVL Chhattisgarh
3.	Management of type 2 lepra reaction: sharing few clinical pearls	CME on leprosy	26.01.2025	IADVL Chhattisgarh

Dr. Soumil Khare

S. No.	Title	CME/Conference	Date	Organized by
1.	Inflammoscopy	SODVELONCON 2024, Pokra, Nepal	05.04.2024	SODVELON
2.	Pigmentary disorders	SODVELONCON 2024, Pokra, Nepal	05.04.2024	SODVELON

S. No.	Title	CME/Conference	Date	Organized by
3.	Trichoscopy: solving hair loss mysteries one stand at a time	Mid Cuticon CG, Bhilai	30.06.2024	IADVL Chhattisgarh
4.	Dermoscopic approach to a solitary pigmented tumor on the face.	CME -Basics of Dermoscopy & beyond: Focus on the scalp & face, New Delhi	21.07.2024	IADVL, SIG dermoscopy
5.	Solitary inflammatory facial papule/plaque :The dermoscopic perspective	CME -Basics of Dermoscopy & beyond: Focus on the scalp & face, New Delhi	21.07.2024	IADVL, SIG dermoscopy
6.	Trichoscopy	KDACON 2024 15th annual CME, Kolhapur, Maharashtra	24.08.2024	IADVL Karavali branch
7.	Basics of Dermoscope	Dermoscopy and trichoscopy preceptorship program basics level 1, Bangalore	05.10.2024	Bangalore dermatology society, International dermoscopy society
8.	Tips and Tricks on Trichoscopy	27th Annual Cuticon WB 2024	11.01.2025	IADVL West Bengal
9.	Trichoscopy	Dermoscopy CME & workshop hands-on training	16.03.2025	IADVL Karavali , Dermatoscopy society of India

ORAL PAPERS/POSTERS PRESENTED

S. No.	Authors	Title	Conference	Date	Organised by
1.	Patel PC	Extended Multidrug therapy in leprosy: A series of 25 cases**	CUTICON Chhattisgarh 2024	30.11.2024	IADVL Chhattisgarh
2.	Patel PC	Morphological Face off: Histoid versus nodular lerpomatous leprosy- A series of 5 cases	IAL Mid-term national Conference of Leprosy	12.01.2025	Indian Association of Leprologists

S. No.	Authors	Title	Conference	Date	Organised by
3.	Patel PC	Continuing anti leprosy treatment beyond the norm-A cross sectional study	MIDDERMACON 2024	13.09.2024	IADVL Jharkhand
4.	Monisha AB	Quantum of relief: Relapse in psoriasis after discontinuation of Ixekizumab- Prospective study	MIDDERMACON 2024	13.09.2024	IADVL Jharkhand
5.	Monisha AB	Prospective study on relapse in psoriasis patients after discontinuation of Ixekizumab: Analysis of 10 cases***	CUTICON Chhattisgarh 2024	01.12.2024	IADVL Chhattisgarh
6.	Neelima R	Onychomatricoma pigmented and non-pigmented varieties: a case series	CUTICON Chhattisgarh 2024	30.11.2024	IADVL Chhattisgarh
7.	Neelima R	Flexibility becomes a challenge: a case of Ehler-Danlos syndrome	CUTICON Chhattisgarh 2024	30.11.2024	IADVL Chhattisgarh
8.	Anjana S	Neonatal pemphigus	CUTICON Chhattisgarh 2024	30.11.2024	IADVL Chhattisgarh
9.	Nirmala VT	Forensic Analysis in Onychomycosis: Tracking Down the Fungal Agents Behind Nail Infections *	CUTICON Chhattisgarh 2024	30.11.2024	IADVL Chhattisgarh
10.	Nirmala VT, Ganguly S	Hyperesinophilic syndrome unmasked via EGR and bullous lesion	DERMACON 2025	08.02.2025	IADVL Rajasthan
11.	Mishra P	Pediatrics hansens- a warning Bell ? : a cross section study in last 1 year	CUTICON Chhattisgarh 2024	30.11.2024	IADVL Chhattisgarh

S. No.	Authors	Title	Conference	Date	Organised by
12.	Mishra P	Oral involvement in porokeratosis : a overview of three clinical cases	CUTICON Chhattisgarh 2024	30.11.2024	IADVL Chhattisgarh
13.	Mishra P, Khare S, Ganguly S	Crusted Scabies mimicking chronic plaque psoriasis.	DERMACON 2025	08.02.2025	IADVL Rajasthan
14.	Mishra P, Ganguly S	Concomitant scrofuloderma and tubercular mastitis in an immunocompetent patient	DERMACON 2025	08.02.2025	IADVL Rajasthan
15.	Tete P	Melanoma unmasked - Clinical Pearls from Real World Cases	CUTICON Chhattisgarh 2024	30.11.2024	IADVL Chhattisgarh
16.	Tete P	- Rhinosporidiosis Beyond the Nose. Rare Case of Cutaneous and Mucosal Involvement	CUTICON Chhattisgarh 2024	30.11.2024	IADVL Chhattisgarh
17.	Meghna S	Leprosy clad in red- a case of lepromatous leprosy masquerading as erythroderma	CUTICON Chhattisgarh 2024	30.11.2024	IADVL Chhattisgarh

* First prize

** Second prize

*** Third prize

RESEARCH
Funded Project
Ongoing

S. No.	Project	Principal Investigator	Funding Agency	Duration (years)	Start year-End year	Total funds sanctioned (Rs.)
1.	A Cross Sectional Study to Assess the Effect of Leprosy Reaction on Quality of Life and to Compare It with Leprosy Patients without Reaction: A Hospital Based Study from Central India	Dr. Namrata Chhabra Sharma	Chhattisgarh Council of Science and Technology	2 Years	2023-2025	Rs 2,25,000

Completed

S. No.	Project	Principal Investigator	Funding Agency	Duration (years)	Start year-End year	Total funds sanctioned (Rs.)
1.	A 24 week multicenter, open -label, single - arm, phase 4 study to evaluate the safety of Ixekizumab in patients with moderate-to - severe plaque psoriasis or active psoriatic arthritis in India	Dr. Satyaki Ganguly	Eli Lilly Pvt. Ltd.	1 Year	2023-2024	Rs 62500

Departmental Projects – Non-Funded Projects/ ICMR-STS Projects/ Thesis/Dissertations
Ongoing

S. No.	Project
1.	Probiotics as an adjunct therapy to desloratadine as compared to desloratadine alone in chronic spontaneous urticaria- An open labelled randomized controlled trial at a tertiary care centre in Central India
2.	Prevalence of chronic kidney disease among psoriasis patients in tertiary care institute of central India: A cross sectional study
3.	Prevalence of cyclosporine induced hypomagnesemia in psoriasis patients: A cross sectional study
4.	A cross-sectional study of clinical and mycological profile of onychomycosis
5.	A cross-sectional study on clinical characteristics of pain in leprosy patients

S. No.	Project
6.	Efficacy of MBMDT versus MBMDT with daily moxifloxacin and minocycline for 6 weeks (MBMDT+MM6) in the treatment of multibacillary leprosy :a randomized controlled trial"
7.	A cross sectional study to assess the role of histopathology and dermoscopy in differentiating clinically diagnosed cases of palmoplantar psoriasis and hyperkeratotic palmoplantar eczema
8.	Efficacy of Therapeutic Needling versus Intralesional Mumps Measles Rubella vaccine in the treatment of multiple cutaneous warts: a randomized controlled trial
9.	Cutaneous bacteriological profile of pemphigus vulgaris patients admitted to a tertiary care hospital – A Prospective study
10.	A clinicoetiological study of Erythroderma from a Tertiary care hospital in Chhattisgarh

Completed

S. No.	Project
1.	Evaluation of risk factors and serological determinant (anti PGL 1) in lepra reactions in a tertiary care institute
2.	Monocyte to High density lipoprotein ratio (MHR) and monocyte to lymphocyte ratio (MLR) in Vitiligo: A case control study
3.	Identification of Candida species isolated from Patients of pemphigus Vulgaris with Oral Candidiasis and their antifungal sensitivity pattern

Collaborative Projects

Ongoing

S. No.	Project	Collaborating Department/Institution
1.	A clinico-microbiological study of various sexually transmitted diseases among MSM population visiting a tertiary health-care center: First study from Central India	Microbiology
2.	A comparative study of Electrophysiological changes observed in Posterior Tibial Nerve (PTN) of Leprosy Patients and normal volunteers	Physical medicine and Rehabilitation
3.	Study of Immunohistochemical Expression of IgG4 and C4d inImmunobullous skin Disorders	Pathology

PUBLICATIONS

1. Reddy M, Chhabra N, Goel AK, Ganguly S. Relevance of Atopic Dermatitis Diagnostic Criteria in Context to Indian Paediatric Population: A Cross-sectional Study. Indian J Dermatol. 2025;70(1):50.
2. Naik KP, Ganguly S, Shukla AK, Chhabra N, Prabha N, Ahmed G. Dapsone-induced haemolysis among leprosy patients on MDT from an endemic area of central India. J Family Med Prim Care. 2024;13(9):3887-3891.
3. Pathak NM, Pant K, Aggarwal J, Samanta J, Ganguly S, Rathore V. Complete renal response of IgA vasculitis with steroid and mycophenolate mofetil in an adult HIV patient. Trop Doct. 2024:494755241282365.
4. Choudhary R, Tiwari C, Borkar N, Ganguly S, Keche A. Pediatric Basidiobolomycosis: An Uncommon and Misdiagnosed Entity. Indian

Dermatol Online J. 2024;15(5):817-822.
5. Chhabra N, Rahim JS, Ganguly S. Walking a Tight Rope: Occult Lymphoma in a Case of Resistant Dermatomyositis Complicated by Tubercular Lymphadenitis and Gumma. Indian J Dermatol. 2024;69(4):365.
6. Dwivedi T, Chirumamilla SSK, Singh J, Ganguly S. Irritant Contact Dermatitis from Accidental Exposure to a Kitchen Degreaser. Indian J Dermatol. 2024;69(4):354-355.
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8. Konakanchi VC, Kar BR, Sathishkumar D, Tahiliani S, Parthasarathi A, Neema S, Ganguly S, et al. Small Molecules in the Management of Psoriasis and Psoriatic Arthritis. Indian J Dermatol. 2024;69(3):249-255.
9. Kar BR, Sathishkumar D, Tahiliani S, Parthasarathi A, Neema S, Ganguly S, et al. Biomarkers in Psoriasis: The Future of Personalised Treatment. Indian J Dermatol. 2024;69(3):256-263.
10. Keche A, Ganguly S, Gajbhiye S, Patil G. Pestalotiopsis, a rare cause of mycetoma; A case report. Indian J Med Microbiol. 2024;51:100690.
11. George CA, Ganguly S, Behera AK, Ranganath TG, Khare S. Mycobacterium welchii Vaccine Granuloma - A Cautionary Tale. Int J Mycobacteriol. 2024;13(2):178-182.
12. Chhabra N, Peethambaran AS, Kar BK, Reddy PSM, Ganguly S. Cryptococcosis involving skin and bone in a non-HIV lepromatous leprosy patient with chronic type 2 lepra reaction. Int J Dermatol. 2025;64(1):188-190.
13. Dudhe MS, Singh A, Ganguly S, Singh C. Hydroxyurea-Induced Cutaneous Ulcers in a Sickle Cell Disease Patient. Indian Dermatol Online J. 2023;15(3):521-522.
14. Chhabra N, Kumar TS, Singh I, Ganguly S. Morphological Index as a Sensitive Marker of Drug Resistance in Leprosy: A Case Series. Indian J Dermatol. 2024;69(2):202.
15. Prabha N, Reddy MPS. Association between atopy and leprosy: Overestimated or real? Indian J Dermatol Venereol Leprol. 2024;90:552-3.
16. Reddy DA, Roy S, Kumar S, Tripathi R, Prabha N. Improved fuzzy based segmentation with hybrid classification for skin disease detection. Procedia Computer Science. 2024;235:2237-50.
17. RD Arora, Aggarwal A, Nagarkar NM, Thangaraju P, Keche A, Bodhey NK, Prabha N. Arora-Nagarkar Prognostic Classification for Rhinocerebral Mucormycosis: A Novel Prognostic Classification System Indian J Otolaryngol Head Neck Surg 2025;77(1):412-416.
18. Reddy DA, Roy S, Kumar S, Tripathi R, Prabha N. PVEMLPTS: design of an efficient psoriasis and vitiligo detection model through enhanced machine learning and personalized treatment strategies. Int J Inf Tecnol 2025; 17, 2087–2105.
19. Singh C, Prabha N, Rathore V. Dermatologic Manifestations in Chronic Kidney Disease Patients. Skinmed. 2024;22(6):443-50.
20. Prabha N, Arora RD, Wankhade AB, Gupta AK, Gupta RK, Nagarkar NM. The COVID-19-Associated Mucormycosis with Cutaneous Involvement. Skinmed. 2024 ;22(5):346-50.
21. Reddy MPS, Prabha N. Atypical cutaneous lesion mimicking connective tissue nevus in a case of lepromatous leprosy. Lepr Rev 2025; 96: e2024099.
22. Khare S, Sri PP. Exploring the Carpet Tack Sign on Dermoscopy. J Cutan Med Surg. 2024;28(5):512.

Chapter(s) in Books

Sl No.	Author (s)	Chapter Title	Editor	Book	Edition	City of Publication	Publisher	Year of Publication	First-Last Page
1.	Prabha N, Rao PN	Neuropathic pain and management	Rao PN, Rathod SP, Prabha N, Pradhan SN	IADVL Practical Manual of leprosy	1st	New Delhi	CBS Publishers	2025	80-185

Sl No.	Author (s)	Chapter Title	Editor	Book	Edit-ion	City of Publica-tion	Publi-sher	Year of Publica-tion	First-Last Page
2.	***Singh*** A, Prabha N	Management of Antimicrobial Resistance in Leprosy	Rao PN, Rathod SP, Prabha N, Pradhan SN	IADVL Practical Manual of leprosy	1st	New Delhi	CBS Publis hers	2025	19-124
3.	Ahmed G, Ganguly S	Anti-IL-12 and Anti-IL-23 Monoclonal Antibody: Ustekinumab	Parasramani SG, De A	Biologics, Biosimilar s and Targeted Immunoth erapies in Dermatolo gy	1st	New Delhi	Knowl edge Bridge	2025	1-12
4.	Ganguly S, Peethamb aran AS	Patient Education and Support: Strategies for Improving Patient Adherence and Self-management	Das S, De A, Venkata Chalam K, Singh S	IADVL SIG Handbook on Psoriasis	1st	New Delhi	Jaypee	2025	1-5

Edited Book

S. No.	Editor	Book	Edition	City of Publication	Publisher	Year of Publication	First-Last Page
1.	Rao PN, Rathod SP, Prabha N, Pradhan SN	IADVL Practical Manual of leprosy	1st	New Delhi	CBS Publishers	2025	180-185

PATIENT CARE

OPD	IPD	Minor OT	Tests	Special Clinics		Or any other facility (Phototherapy)
				Contact Dermatitis	Leprosy	
65452	855	9935	1660	76	106	1834

AWARDS, HONOURS AND SIGNIFICANT EVENTS

- Dr. Satyaki Ganguly was selected as a subject expert for a DHR-ICMR initiative to develop evidence-based antibiotic guidelines for skin and soft tissue infections. He was a panelist for panel discussions titled 'Immunology cross-talk', 'Use of immunomodulators in special populations' and 'Rational use of systemic drugs in psoriasis- a case based approach' in IADVL CG CME at Raipur- 7th April 2024, MIDDERMACON 2024 at Ranchi – 13th September 2024 and DERMACON 2025 at

Jaipur – 8th February 2025, respectively. He was a judge for the award paper session of 4th National Conference of Hereditary Angioedema Society of India at Panaji, Goa- 10th November, 2024.

- Dr. Satyaki Ganguly and Dr. Namrata Chhabra Sharma were awarded diploma of 'ACARE Preceptorship on Recurrent Angioedema' by Hereditary Angioedema Society of India and the GA²LEN ACARE (Angioedema Centers of Reference and Excellence) (Berlin, Germany) at Panaji, Goa on 9th November, 2024.
- Dr. Neel Prabha was selected as a member of SIG Leprosy & NTD 2025. She published a book entitled 'IADVL, Practical manual of Leprosy' as assistant editor. She was a moderator of Panel discussion on 'Need of redesigning MDT' in National Summit on leprosy and skin NTDs by IADVL, SIG NTD, Leprosy, IADVL Punjab, Chandigarh, Himachal at GMC, Amritsar on 21st September, 2024. She is a member of IEC Pt. JNM Medical College since 31.07.2024.
- Dr. Soumil Khare was selected as the convener of the SIG Dermoscopy and serves as the Secretary of the Dermatoscopy Society of India. He has conducted six hands-on workshops on dermoscopy and trichoscopy, moderated a session on melasma at Mid Dermacon 2024 held at Ranchi, and participated as a panelist in the session on the nuances of dermoscopy in skin of color at Dermacon 2025 held at Jaipur.



The Victorious AIIMS Raipur team in PG Quiz in MidCUTICON CG 2024



The Victorious AIIMS Raipur team in Chhattisgarh state round of the IADVL GSK quiz for post graduates

Department of Endocrinology & Metabolism

Associate Professor & Head

Dr. Amritava Ghosh

HIGHLIGHTS

The Department of Endocrinology & Metabolism in association with Chhattisgarh Obesity Diabetes and Endocrine society, organized the 2nd Annual Conference of Chhattisgarh Obesity, Diabetes and Endocrine Society - CODECON-2024, AIIMS, Raipur, on 14th-15th December, 2024. Work was started on a number of research projects and continued on ongoing projects. A number of research projects were also completed.

EDUCATION

Academic Development:

1. Dr. Sree Vaishnavi won first prize in live quiz session, held on 6th June, 2024 in SAFES Women Endocrine Clinics virtual conference.
2. Dr. Nikhil Sanjeev K won first prize in Medtrivia quiz, held on 17th November, 2024 in Oriana 2024.
3. Dr. Nikhil Sanjeev K won first prize in poster presentation, held on 15th December, 2024 in 2nd Annual Conference of Chhattisgarh Obesity, Diabetes and Endocrine Society - CODECON-2024, AIIMS, Raipur.
4. Dr. Nikhil Sanjeev K won third prize in General quiz, held on 11th January, 2025 in Vellore Endocrinology International Conference, Christian Medical College, Vellore.
5. Dr. Satyendra Bansal won second prize in chess competition, held on 17th November, 2024 in Oriana 2024.
6. Dr. Satyendra Bansal won third prize in poster presentation, held on 15th December, 2024 in 2nd Annual Conference of Chhattisgarh Obesity, Diabetes and Endocrine Society - CODECON-2024, AIIMS, Raipur.

CMEs/WORKSHOP/SYMPOSIA/NATIONAL & INTERNATIONAL CONFERENCES

S. No.	Title	CME/Conference	Date	Organized by
1.	CODECON-2024	2nd Annual Conference of Chhattisgarh Obesity, Diabetes and Endocrine Society	14-15.12.2024	The Department of Endocrinology & Metabolism, AIIMS, Raipur in association with Chhattisgarh Obesity Diabetes and Endocrine Society

LECTURES DELIVERED AT CMEs, NATIONAL & INTERNATIONAL CONFERENCES

Dr. Amritava Ghosh

S. No.	Title	CME/Conference	Date	Organized by
1.	Obstructive Sleep Apnea: What a Clinician Should Know	ESI Satellite Symposium Belagavi	18.08.2024	Endocrine Society of India
2.	Prediabetes with Metformin Intolerance – Role of Medicine in Prediabetes	GDF-IPACON 2024, Raipur	14.09.2024 - 15.09.2024	Global Diabetes Forum
3.	Hypogonadism, Testosterone and Diabetes – Solving Tricks	GDF-IPACON 2024, Raipur	14.09.2024 - 15.09.2024	Global Diabetes Forum
4.	Case Based Learning	ESICON- 2024 - The 53rd Annual Conference of Endocrine Society of India	07.11.2024 – 10.11.2024	Endocrine Society of Andhra Pradesh
5.	Innovative Approaches in Diagnosis & Management of Diabetes	CNE- World Diabetes Day 14 November 2024 Theme: Diabetes and Well-Being	12.11.2024	College of Nursing, AIIMS Raipur
6.	Diabetes – A Silent Killer – Challenges in Saving Vital Organs and Improving Quality of Life	CNE- World Diabetes Day 14 November 2024 Theme: Diabetes and Well-Being	12.11.2024	College of Nursing, AIIMS Raipur
7.	Monitoring of Androgen Therapy	Indian Professional Association for Transgender Health Conference (IPATHCON 2024) Theme: Diabetes and Well-Being	30.11.2024- 01.12.2024	Indian Professional Association for Transgender Health
8.	Trialogue: Cardio Metabolic Renal Complications of DM	2nd Annual Conference of Chhattisgarh Obesity, Diabetes and Endocrine Society - CODECON-2024	14.12.2024 – 15.12.2024	The Department of Endocrinology & Metabolism, AIIMS, Raipur in association with Chhattisgarh Obesity Diabetes and Endocrine Society
9.	Combining Insulin and GLP-1 RA: A Novel Therapy	2nd Annual Conference of Chhattisgarh Obesity, Diabetes and Endocrine Society - CODECON-2024	14.12.2024 – 15.12.2024	The Department of Endocrinology & Metabolism, AIIMS, Raipur in association with Chhattisgarh Obesity Diabetes and Endocrine Society

S. No.	Title	CME/Conference	Date	Organized by
10.	Diabetes in special situations (Example travelling, fasting, inhospital hyperglycemia)	6th Annual Chhattisgarh State RSSDI Conference	21.12.2024 – 22.12.2024	Research Society for Study of Diabetes in India (RSSDI), Chhattisgarh State Chapter
11.	Pre-Operative Work Up and Post Operative Thyroxine Supplementation for any Patient Undergoing Thyroid Surgery – Endocrinology Perspective	CME – Multidisciplinary Management of Thyroid Disorders	21.02.2025	Department of ENT & HNS, AIIMS, Raipur

ORAL PAPERS/POSTERS PRESENTED

S. No.	Authors	Title	Conference	Date	Organised by
1.	**Ghosh A**	Efficacy of Antithyroid Drug Therapy Among Patients with Graves Disease in a Tertiary Care Hospital in Chhattisgarh	Annual conference of Indian Thyroid Society (ITSCON 2024)	09.08.2024 – 11.08.2024	Indian Thyroid Society
2.	**Ghosh A,** Mohanty D, Hazra K	Outcomes of Primarily Non-Surgically Managed Diabetic Foot Osteomyelitis	21st Annual Conference of the Diabetic Foot Society of India, 10th Annual Conference of International Association of Diabetic Foot Surgeons and 2nd D-foot International (21st DFSICON 2024, 10th IADFS, 2nd D FOOT INTERNATIONAL)	27.09.2024 – 29.09.2024	Diabetic Foot Society of India, International Association of Diabetic Foot Surgeons, D-foot International
3.	**Ghosh A, Sanjeev NK,** Ravina M, Gupta R	Eccentric Parathyroid Disease – Roadway to Diagnosis and Management	ESICON- 2024 - The 53rd Annual Conference of Endocrine Society of India	07.11.2024 – 10.11.2024	Endocrine Society of Andhra Pradesh
4.	**Ghosh A,** Panda S	A Case of Lipodystrophy: Managing Metabolic Crisis in Severe Hypertriglyceridemia and Insulin Resistance	Medicine Update 2024 – Addressing Challenges Across Specialities	09.11.2024	Department of General Medicine, AIIMS Raipur

S. No.	Authors	Title	Conference	Date	Organised by
5.	**Ghosh A,** Vyshnavi G	Phosphate Heist: The Endocrine Puzzle of Tumor Induced Osteomalacia	2nd Annual Conference of Chhattisgarh Obesity, Diabetes and Endocrine Society - CODECON-2024	14.12.2024 – 15.12.2024	The Department of Endocrinology & Metabolism, AIIMS, Raipur in association with Chhattisgarh Obesity Diabetes and Endocrine Society
6.	**Ghosh A, Vaishnavi BS,** Madhumita S	A Novel Association of Adrenal Insufficiency in Endocrine Syndrome – Expanding the Clinical Spectrum	2nd Annual Conference of Chhattisgarh Obesity, Diabetes and Endocrine Society - CODECON-2024	14.12.2024 – 15.12.2024	The Department of Endocrinology & Metabolism, AIIMS, Raipur in association with Chhattisgarh Obesity Diabetes and Endocrine Society
7.	**Ghosh A,** Bansal S	XXXYcess growth: Intracranial Epidermoid Cyst in Klinefelter Syndrome	2nd Annual Conference of Chhattisgarh Obesity, Diabetes and Endocrine Society - CODECON-2024	14.12.2024 – 15.12.2024	The Department of Endocrinology & Metabolism, AIIMS, Raipur in association with Chhattisgarh Obesity Diabetes and Endocrine Society
8.	**Ghosh A, Vaishnavi BS**	Adrenocortical Carcinoma – Report of Two Cases	2nd Annual Conference of Chhattisgarh Obesity, Diabetes and Endocrine Society - CODECON-2024	14.12.2024 – 15.12.2024	The Department of Endocrinology & Metabolism, AIIMS, Raipur in association with Chhattisgarh Obesity Diabetes and Endocrine Society
9.	**Ghosh A, Sanjeev NK,** Ravina M, Gupta R	Eccentric Parathyroid Disease – Roadway to Diagnosis and Management	2nd Annual Conference of Chhattisgarh Obesity, Diabetes and Endocrine Society - CODECON-2024	14.12.2024 – 15.12.2024	The Department of Endocrinology & Metabolism, AIIMS, Raipur in association with Chhattisgarh Obesity Diabetes and Endocrine Society

S. No.	Authors	Title	Conference	Date	Organised by
10.	Agrawal S, **Ghosh A**, Tahseen T	Case Series on Sheehan's Syndrome – The Silent Postpartum Threat	2nd Annual Conference of Chhattisgarh Obesity, Diabetes and Endocrine Society - CODECON-2024	14.12.2024 – 15.12.2024	The Department of Endocrinology & Metabolism, AIIMS, Raipur in association with Chhattisgarh Obesity Diabetes and Endocrine Society
11.	**Ghosh A, Sanjeev NK**	Clinical profile of people with diabetes mellitus hospitalized with COVID 19 – A retrospective study	Vellore Endocrinology International Congress 2025	10.01.2025 -11.01.2025	Christian Medical College (CMC), Vellore
12.	**Ghosh A, Vaishnavi BS**	Case report of a Unique Combination – Bardet Biedl Syndrome, Perrault Syndrome and Oculocutaneous Albinism – A Rare Genetic Overlap	Vellore Endocrinology International Congress 2025	10.01.2025 -11.01.2025	Christian Medical College, Vellore

RESEARCH
Funded Project
Ongoing

S. No.	Project	Principal Investigator	Funding Agency	Duration (years)	Start year-End year	Total funds sanctioned (Rs.)
1.	Single blind randomized clinical trial on 4 weeks versus 6 weeks antibiotic therapy in the management of non-surgically treated diabetic foot osteomyelitis	Dr. Amritava Ghosh	ICMR	4 years	2025-2029	Rs. 87,05,455/-

S. No.	Project	Principal Investigator	Funding Agency	Duration (years)	Start year-End year	Total funds sanctioned (Rs.)
2.	Effect of Retatrutide Compared with Placebo in Adult Participants with Type 2 Diabetes and Inadequate Glycemic Control with Diet and Exercise Alone (TRANSCEND-T2D-1)	Dr.Amritava Ghosh	Eli Lilly	48 weeks	2024-2025	Rs. 1,01,00,000
3.	Role of Infrared Thermometry in the Management of Diabetic Foot Osteomyelitis	Dr.Amritava Ghosh	AIIMS, Raipur	2½ Years	2022-2024	Rs. 5,00,000

Departmental Projects – Non-Funded Projects/ ICMR-STS Projects/ Thesis/Dissertations

Ongoing

S. No.	Project
1.	A Pilot Study Evaluating Techniques of Ultrasonography Guided Percutaneous Ethanol Injection in Treatment of Cystic and Predominantly Cystic Thyroid Nodules
2.	Glycemic Control Among People with Diabetes Mellitus Hospitalized for Mucormycosis
3.	Role of Statins as Adjuvant Therapy in the Management of Mucormycosis
4.	Efficacy of Antithyroid Drug Therapy Among Patients with Graves' Disease in a Tertiary Care Hospital in Chhattisgarh
5.	Effect of Radioactive Iodine Ablation and Long Term Continuous Anti Thyroid Drug Treatment Modality on Bone Health in Subjects with Graves' Disease – A CrossSectional Study
6.	Effect of Zolendronate on Bone Health in Subjects with Hypopituitarism – An Open Labelled Randomized Clinical Trial
7.	To Determine the Effect of Metformin on Renal Function and Serum Lactate Levels in Patient Undergoing Coronary Angiography/Angioplasty.

Completed

S. No.	Project
1.	A Retrospective Study on the Clinical Profile of People with Diabetes Mellitus Hospitalized with Covid-19

Collaborative Projects

Ongoing

S. No.	Project	Collaborating Department/Institution
1.	Design and Development of a Smartphone-based Non-invasive and Affordable Diabetes and Hypertension Screening Tool using PPG signals	Department of Electronics and Communication Engineering; Dr. Shyama Prasad Mukherjee International Institute of Information Technology, Naya Raipur.
2.	cfDNA Concentration to Differentiate Benign from Malignant Thyroid Nodules and its Application in Determining Thyroid Cancer Remission and Recurrence	Department of Endocrinology & Metabolism; Institute of Postgraduate Medical Education & Research, Kolkata
3.	Intensive Glycemic Control for Diabetic Foot Ulcer Healing: A Multicentric Randomized Controlled Study (IN-GLOBE study)	Department of Endocrinology & Metabolism; Post Graduate Institute of Medical Education & Research, Chandigarh
4.	Development of Low-Cost Artificial Intelligent System for Prediction of Bone Mineral Density (BMD) From Plain Radiographic Images in Osteoporosis Detection	Department of Orthopaedics, AIIMS Raipur
5.	A Multicentric Project for Developing and Validating an Artificial Intelligence-based Model for Diabetic Retinopathy	Department of Ophthalmology, AIIMS Raipur
6.	A Master Protocol to Investigate the Efficacy and Safety of LY3437943 Once Weekly in Participants with Type 2 Diabetes Mellitus who have Obesity or Overweight: A Randomized,	Department of General Medicine, All India Institute of Medical Sciences, Raipur
7.	Association Between p53 Codon 72 Polymorphism and Diabetic Polyneuropathy in Type 2 Diabetes Mellitus: A Pilot Study	Department of Physiology, All India Institute of Medical Sciences, Raipur
8.	Evaluation of Maternal and Fetal Outcomes in Women Diagnosed with GDM or Normoglycaemia using IADPSG Criteria, Among Women Diagnosed with Normoglycaemia by DIPSI Criteria: Prospective Multi-centre Observational Cohort Study	Department of Obstetrics &Gynaecology, All India Institute of Medical Sciences, Raipur
9.	Characterization of Mineral Bone Disease in Patients of CKDu	Department of Nephrology, All India Institute of Medical Sciences, Raipur
10.	Evaluation of H-reflex Rate Dependent Depression as an Indicator of Spinal Disinhibition in Patients with Diabetic Polyneuropathy and its Molecular Correlates	Department of Physiology, All India Institute of Medical Sciences, Raipur
11.	Assessment of Cognitive Status and Optic Nerve Function in Patients of Hyperthyroidism -A Follow Up Study	Department of Physiology, All India Institute of Medical Sciences, Raipur

S. No.	Project	Collaborating Department/Institution
12.	Evaluation of Serum Biomarkers and Cardiac function in Organophosphate Poisonings as Predictive Markers for Severity and Clinical Outcomes	Department of Forensic Medicine and Toxicology, All India Institute of Medical Sciences, Raipur
13.	Tumor Size and its Correlation with Visual Acuity and Hormonal Changes Following Transnasal Trans-sphenoidal Surgery for Pituitary Macroadenoma	Department of Neurosurgery, All India Institute of Medical Sciences, Raipur
14.	Association Among Thyroid:ParotidUptake Ratio (TPR), Thyroid:Submandibular Gland Uptake Ratio (TSmR), Thyroid:SalivaryGland Uptake Ratio (TSR) and Thyroid Uptake Percentage in 99m Tc Pertechnetate Thyroid Scan in Biochemically Diagnosed Hyperthyroid Patients	Department of Nuclear Medicine, All India Institute of Medical Sciences, Raipur

Completed

S. No.	Project	Collaborating Department/Institution
1.	Assessment of Bone Mineral Density and its Association with Clinical and Metabolic Parameters in Patients with Bipolar Disorder: A Cross-sectional study from Tertiary Care Centre	Department of Psychiatry, All India Institute of Medical Sciences, Raipur
2.	Characterization of Hyponatremia in Patients of Chronic Kidney Disease of Unknown Etiology (CKDu) Visiting AIIMS Raipur	Department of Nephrology, All India Institute of Medical Sciences, Raipur
3.	Cognitive Dysfunction in Diabetic Neuropathy Patients- An Electrophysiological Approach	Department of Physiology, All India Institute of Medical Sciences, Raipur
4.	Expression of MicroRNA 221 and Endocan in Patients with Diabetic Peripheral Neuropathy- An Observational Study	Department of Biochemistry, All India Institute of Medical Sciences, Raipur
5.	Detection of Subclinical Left Ventricular Dysfunction by Global Longitudinal Strain Imaging in Diabetic and Pre-Diabetic Patients and its Correlation with hs-CRP and HbA1c	Department of Cardiology, All India Institute of Medical Sciences, Raipur
6.	Characterization of Video Urodynamic Parameters in Female Patients with Diabetes Mellitus Complaining Lower Urinary Tract Symptoms	Department of Urology, All India Institute of Medical Sciences, Raipur
7.	Clinical Profile of Hypopituitarism in a Tertiary Care Centre in Central India	Department of General Medicine, All India Institute of Medical Sciences, Raipur
8.	Spectrum of Real Time Shear Wave Ultrasound Elastography in Various Thyroid Disorders	Department of Radiodiagnosis, All India Institute of Medical Sciences, Raipur

S. No.	Project	Collaborating Department/Institution
9.	Assessment of Left Ventricle Myocardial Performance Index (MPI / Tei Index) by Myocardial Tissue Doppler Imaging (TDI) and its Correlation with Serum TSH Levels and Atherogenic Index of Plasma (AIP) in Patients of Subclinical Hypothyroidism	Department of Cardiology, All India Institute of Medical Sciences, Raipur
10.	Efficacy of Two Doses (500 µg& 1000 µg of Vitamin B12 Supplementation on GlycaemicControl in Poorly Controlled Type 2 Diabetic Patients with Hyperhomocysteinemia	Department of Pharmacology, All India Institute of Medical Sciences, Raipur

PUBLICATIONS

1. Jena PP, Nanda R, **Ghosh A**, Patel S, Shah S, Mohapatra E. Endocan expression and correlation with other endothelial determinants in developing a score for early identification of diabetic peripheral neuropathy. Sci Rep. 2025 Jan 5;15(1):850.
2. Varshney A, Singh S, **Ghosh A**, Naik S, Kumar A, Thakur C, Kumar M, Goyal N, Majumder N, Kumar R, Rasheed MR. Assessment of left ventricle myocardial performance index (Tei index) by myocardial tissue Doppler imaging and its correlation with serum thyroid-stimulating hormone levels and atherogenic index of plasma in patients of subclinical hypothyroidism. Heart India. 2024 Sep-Dec;12(3):147-153.
3. Chakravarty S, John RM, **Ghosh A**. E. coli–Mediated Acute Suppurative Thyroiditis with Thyroid Abscess in a Patient with Urosepsis: Case Report. SN Compr. Clin. Med. 2025;7, 30.
4. Kauloorkar BM, Anne B, **Ghosh A**, Rajput R, Seshadri K, Goswami S. Navigating thyroid disorders in pregnancy: Minutes of the special symposium of ESICON 2023. Thyroid Research and Practice. 2024 Sep–Dec;20(3):99-104.
5. **Ghosh A**. Efficacy of Antithyroid Drug Therapy among Patients with Graves' Disease: Results from a Tertiary Care Hospital in Chhattisgarh. Thyroid Research and Practice. 2024 May-Aug;20(2):85.

PATIENT CARE

OPD	IPD	Minor OT	Tests	Special Clinics
16160	181	210	3724	1689

OTHERS

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Department of ENT & Head Neck Surgery

Professor & Head
Prof. (Dr.) Renu Rajguru
Professors
Dr. Rupa Mehta
Dr. Ripu Daman Arora
Additional Professor
Dr. Satish S Satpute
Associate Professor
Dr. Sharmistha Chakravarty

HIGHLIGHTS

The Department of ENT and Head Neck Surgery, All India Institute of Medical Sciences, Raipur, is dedicated towards providing evidence-based care to patients with various ENT disorders and Head-Neck cancers. The department is equipped with the latest state-of-the-art instruments and equipments for the performance of advanced ENT surgeries. All types of routine and advanced ENT surgeries are regularly performed in the department. Courses of MS ENT, MCh head neck surgery and oncology courses are running in the department.

EDUCATION

The department is involved in the following teaching programmes:

a. MBBS- Third MBBS Part -I
b. MS (ENT) – 05 -08 residents/year
c. M.Ch Head & Neck Surgery and Oncology- Two residents /year

At present three M. Ch Head and Neck Surgery and Oncology Residents, 15 M.S. E.N.T residents, are getting structured learning in our department.

CMEs/WORKSHOP/SYMPOSIA/NATIONAL & INTERNATIONAL CONFERENCES

S. No.	Title	CME/Conference	Date	Organized by
1.	CME on Oral Cancer Awareness	CME	20 .04. 2024	Department of ENT & HNS, AIIMS Raipur
2.	Multidisciplinary management of thyroid disorders	CME	21.02.2025	Department of ENT & HNS, AIIMS Raipur
3.	CME on world hearing day	CME	02.03. 2025	Department of ENT & HNS, AIIMS Raipur
4.	Cochlear confluence and ARTH	Workshop for audiologists and rehabilitation specialist	24-26 .03. 2025	Department of ENT & HNS, AIIMS Raipur

LECTURES DELIVERED AT CMEs, NATIONAL & INTERNATIONAL CONFERENCES

Dr. Renu Rajguru

S. No.	Title	CME/Conference	Date	Organized by
1.	Premalignant lesions of oral cavity-diagnosis and management	CME on Oral Cancer Awareness	20.04. 2024	Department of ENT & HNS, AIIMS Raipur
2.	Cochlear Implantation in Single sided deafness	CIGICON 2024, AIIMS Patna	30.08 - 01.09. 2024	Cochlear Implat Group of India
3.	Sinonasal Tumours- Reconstruction and Prosthesis	RHINOCON (Annual Conference of All India Rhinological Society)	24 - 26.11. 2024	All India Rhinological Society
4.	Panel discussion on sino-nasal tumours	RHINOCON (Annual Conference of All India Rhinological Society)	24 - 26 .11. 2024	All India Rhinological Society
5.	Expanding Criteria for Cochlear Implantation- Unilateral Hearing Loss	North-East Zonal Conference, Guwahati	30.11.2024	Women's Association of Otolaryngologists of India.
6.	Panelist in Panel Discussion on “Difficult situations in Cochlear Implant Surgery”.	AOICON 2025, Kochi	10.01.2025	Association of Otolaryngologists of India.
7.	Reconstruction following sino-nasal tumours excision	AOICON 2025, Kochi	11.01.2025	Association of Otolaryngologists of India.
8.	Surgical anatomy of thyroid gland	Multidisciplinary management of thyroid cancers	21.02.2025	Department of ENT & HNS, AIIMS Raipur
9.	Hearing assessment in neonates and children	CME on world hearing day	03.03.2025	Department of ENT & HNS, AIIMS Raipur
10.	Neonatal Hearing screening	Training program for nurses & medical officers	07.02.2025	NPPCD
11.	Surgical techniques for cochlear implantation	Cochlear Confluence and ARTH	24 - 26.03. 2025	Department of ENT & HNS, AIIMS Raipur

Dr. Rupa Mehta

S. No.	Title	CME/Conference	Date	Organized by
1.	Tympanoplasty tips & tricks	Annual waoi conference	16.02.2025	Women association of otolaryngologists of India

S. No.	Title	CME/Conference	Date	Organized by
2.	Surgical emergencies in thyroid surgery	Multidisciplinary management of thyroid cancers	21.02. 2025	AIIMS, Raipur
3.	Cochlear implant candidacy – surgeon's perspective	Cochlear confluence and ARTH Workshop for audiologist and rehabilitation specialist	24 - 26 .03. 2025	AIIMS, Raipur
4.	Noise exposure and hearing protection	CME on world hearing day	03.03. 2025	AIIMS, Raipur
5.	Common ENT disorders	Training program nurses & medical officers	07.02. 2025	NPPCD
6.	Regenerative medicine in Otology-Current Status & Future Trends	Dubai otology,neuro otology and skullbase surgery conference 2024	29-31.10. 2024	Emirates ORL head neck society
7.	Chemotherapy, radiotherapy and Targeted Biological Agents for Head and Neck Squamous cell Carcinoma	Dnb teaching program online lecture	online	National academy of medical sciences
8.	Role of checklists in minimising errors & promoting patient safety	Hybrid CME on Patient safety	17.09. 2024	AIIMS, Raipur
9.	Parathyroid gland lesions - an under diagnosed entity	MLS (Monthly lecture series), AOI, Raipur at hotel Mayur	05.07.2024	AOI, Raipur (CG)
10.	Autonomic system & vertigo	Master class on vertigo	07.04.2024	AOI, Raipur (CG)

Dr. Ripu Daman Arora

S. No.	Title	CME/Conference	Date	Organized by
1.	Basics of temporal bone dissection" and "Mastering Myringoplasty: A Beginner's Guide and Humble Insights	Annual conference of AOI,HP Chapter and hands -on cadaveric temporal bone dissection workshop in Tanda at Kangra (HP)	26- 28.04. 2024	AOI, HP Chapter
2.	Lecture on Operation Theatre Design and Maintenance for Cochlear Implants	CIGICON 2024, Patna	30 .08 - 01.09. 2024	COCHLEAR IMPLAT GROUP OF INDIA
3.	Insights in managing parapharyngeal space tumors- our experience	Pride Plaza Hotel, Aerocity, New Delhi.	27-29.09. 2024	Association of Otolaryngologists of India, Delhi
4.	Managing Facial Nerve Prolapse in Stapes Surgery: Our Experience and Insights	ISOCON 2024, Agra	08-10.11.2024	Indian society of Otology

S. No.	Title	CME/Conference	Date	Organized by
5.	Our Journey with Prosthesis Ossiculoplasty: What We Have Learned	ISOCON 2024, Agra	08-10.11. 2024	Indian society of Otology
6.	Arora Gauge: Safely Navigating Precision Measurement in Stapes Surgery	ISOCON 2024, Agra	8-10.11. 2024	Indian society of Otology
7.	Stapes Surgery Bypass surgery: Back to Basics	MLS (Monthly lecture series), AOI, Raipur at Babyloon in	06.12.2024	AOI, Raipur (CG)
8.	Estimating the Prevalence of Hearing Impairment Among Primary School Children in Raipur,Chhattisgarh, India	14th Annual Coalition for Global Hearing Health Conference, held from, in Wellington, New Zealand.	16-18.01. 2025	Coalition for Global Hearing Health
9.	Auditory Implications of Covid-Associated Mucormycosis: A Case-Control Study of Hearing Loss and Middle Ear Dysfunction	14th Annual Coalition for Global Hearing Health Conference, held from, in Wellington, New Zealand.	16-18.01. 2025	Coalition for Global Hearing Health
10.	Newer technique in thyroid surgery	Multidisciplinary management of thyroid cancers	21.02.2025	Department of ENT & HNS, AIIMS Raipur
11.	Mobile Phones & Your Ears: Are You Listening to the Risks?	CME on world hearing day	03.03.2025	Department of ENT & HNS, AIIMS Raipur

Dr. Satish Suresh Satpute

S. No.	Title	CME/Conference	Date	Organized by
1.	Moderator in Panel Discussion of Oral cancer Management	CME on Oral Cancer Awareness	20.04.2024	Department of ENT& HNS, AIIMS Raipur
2.	Surgical Anatomy of Ear in relation to cochlear Implantation	Cochlear Confluence and ARTH	24-26.03. 2025	Department of ENT & HNS, AIIMS Raipur
3.	Diseases of Inner ear, Medical Treatment and red flag signs	NPPCD training programme for Medical Officer	08.02.2025	District Hospital Gariyaband
4.	Hearing Health: Current challenges and solution	CME on World Hearing Day	03.03.2025	Department of ENT & HNS, AIIMS Raipur
5.	Difficult Airway conditions: ENT Perspective	Lecture Presentation in Department of ENT	18.01.2025	GMC Akola
6.	Diseases of Ear and ENT Emergency	NPPCD training Programme for Community Health care workers	08.02.2025	District Hospital Gariyaband

Dr. Sharmistha Chakravarty

S. No.	Title	CME/Conference	Date	Organized by
1.	Idiopathic Intracranial Hypertension (IIH) presenting with Spontaneous Cerebrospinal Fluid Rhinorrhea: Challenging situation requiring a modified protocol	RHINOCON (Annual Conference of All India Rhinological Society)	24 - 26.11.2024	All India Rhinological Society
2.	Delegate	Workshop on "Research Methodology and Biostatistics"	31.07 - 02.08.2024	AIIMS Raipur
3.	Attended as delegate- Latskull Base 2024	Lateral Skull base Dissection conference	21-25.10. 2024	Skull base Society of India
4.	Thyroid surgery-Operative Technique	CME on Multidisciplinary Management of Thyroid Disorders	21.02.2025	AIIMS, Raipur
5.	Hearing screening in adolescent and elderly population: present scenario and challenges	World hearing day	01-02.03. 2025	AIIMS Raipur
6.	First aid management of foreign bodies of ear, nose and swallowed foreign objects	Hands on Training- First Aid Module-2025	29-31.01. 2025	College of Nursing, AIIMS. Raipur
7.	Two Days Skill Based Hands on Training Programme for Medical Officer as Master Trainer- Examination of Nose	District level Training of medical officers under National Programme for Prevention and Control of Deafness (NPPCD)	06-07.02. 2025	AIIMS, Raipur
8.	Two Days Skill Based Hands on Training Programme for Medical Officer as Mater Trainer- Emergencies in ENT	District level Training of medical officers under National Programme for Prevention and Control of Deafness (NPPCD)	06-07.02. 2025	AIIMS, Raipur
9.	Delegate	National Workshop on Systematic review and Meta-Analysis	28-29.03.2025	AIIMS, Raipur

Departmental Research Projects

S. No.	Project	Type of Project	Principal Investigator/Guide
1.	Evaluation of Amyloid Precursor Protein m-RNA expression in tissue and saliva of HNSCC patients	Intramural (funded)	Principal Investigator (Dr. Rupa Mehta)
2.	Prevalence of occupational Noise-induced hearing loss among Industrial workers in Raipur, Chhattisgarh	Extramural (funded)	Principal Investigator (Dr. Ripu Daman Arora)

S. No.	Project	Type of Project	Principal Investigator/Guide
3.	Efficacy of Balloon Dilatation of Eustachian tube (BDET) compared to medical management alone in adults with chronic obstructive eustachian tube dysfunction (ETD): Open labelled, randomized, controlled, superiority trial	Intramural (funded)	Principal Investigator (Dr.Sharmistha Chakravarty)
4.	Spectrum of neurological manifestations in cases of Rhino-Orbito-cerebral Mucormycosis	Intramural	Principal Investigator (Dr.Sharmistha Chakravarty)
5.	Prevalence of Occupational Noise-Induced Hearing Loss Among Industrial workers in Raipur, Chhattisgarh as STS project (STS2024-3Y-04265)	Extramural (Non-funded)	Guide (Dr. Ripu Daman Arora)
6.	Endoscopic Dacryocystorhinostomy: a comparison of double flap and single flap technique	PG thesis	Guide (Dr. Satish Satpute)
7.	A Prospective Comparative study on the Diagnostic accuracy of Fibre optic Laryngoscope guided biopsy to that of Direct Laryngoscopic Biopsy in case of Laryngeal Malignancy	PG thesis	Guide (Dr. Satish Satpute)
8.	The Assessment of Quality of Life and Speech Outcome among operative Oral Cancer Patients: A Hospital Based Study	PhD Thesis	Guide (Dr.Sharmistha Chakravarty)
9.	Assessment of Postural Balance and Vestibular Function in adults with Chronic Otitis Media using Dynamic Posturography and Head Impulse Test as a diagnostic tool	PG Thesis	Guide (Dr.Sharmistha Chakravarty)
10.	Efficacy of Autologous Platelet Rich Fibrin (PRF) on successful closure rate in Type 1 Tympanoplasty : Open label randomized controlled trial	PG Thesis	Guide (Dr.Sharmistha Chakravarty)

PUBLICATIONS

1. A Subin, Mehta R, Nagarkar NM, Bodhey NK, Gupta RK, Satpute SS. Clinical, Radiological, and Pathological Correlation of Mandibular Invasion in Carcinoma Bucco-alveolar Complex. Indian J Surg Oncol. 2024 Jun;15(2):385-396. doi: 10.1007/s13193-024-01903-3. Epub 2024 Feb 28. PMID: 38741646; PMCID: PMC11088584.
2. Aggarwal J, Kumar DJ, Rathore V, Mehta R, Kumar A, Ravina M. Acute Airway Obstruction: An Unusual Presentation of Posttransplant Lymphoproliferative Disorder in a Renal Transplant Recipient. Exp Clin Transplant. 2024 Apr;22(4):307-310. doi: 10.6002/ect.2024.0061. PMID: 38742322.
3. Gupta RK, Nagarkar NM, Chowhan AK, Mehta R, Singh A, Simon A. Assessment of clinical and histopathological characteristics in COVID-19-associated mucormycosis (CAM) patients correlating with outcome: A hospital-based cross-sectional study. J Family Med Prim Care. 2024 Aug;13(8):3115-3121. doi: 10.4103/jfmpc.jfmpc_18_24. Epub 2024 Jul 26. PMID: 39228546; PMCID: PMC11368312.

4. Mehta, R., Nagarkar, N.M., Das, P. et al. Investigation of the in vitro biofilm-producing ability of isolated microbes in chronic otitis media. Egypt J Otolaryngol 41, 26 (2025). https://doi.org/10.1186/s43163-025-00769-8 use of any form of amphotericin balone or with posaconazole in COVID 19 associated mucormycosis at the time of pandemic disaster in tertiary care hospital

5. P., Karthik., Mehta, R., G., R.T. et al. Post-COVID-19 laryngo-tracheal sequelae: a comprehensive study at a tertiary care centre. Egypt J Otolaryngol 41, 5 (2025)

6. Singh A, Nagarkar NM, Chowhan AK, Mehta R, Arora RD, Rao KN, Dange PS. Prognostic Effectiveness of PD-L1 Tumoral Expression in Oral Cavity Squamous Cell Carcinoma. Indian J Surg Oncol. 2024 Dec;15(4):816-824. doi: 10.1007/s13193-024-01984-0. Epub 2024 Jun 26. PMID: 39555374; PMCID: PMC11564476.

7. Rao KN, Mehta R, Dange P, Nagarkar NM. Alcohol-Containing Mouthwash and the Risk of Oral Cancer: Exploring the Association. Indian J Surg Oncol. 2024 Sep;15(3):553-556. doi: 10.1007/s13193-024-01948-4. Epub 2024 May 8. PMID: 39239449; PMCID: PMC11371988.

8. **Arora R,** Aggarwal A, Nagarkar N, Thangaraju P, Keche A, Bodhey N, et al. Arora-Nagarkar Prognostic Classification for Rhinocerebral Mucormycosis©: A Novel Prognostic Classification System. Indian J Otolaryngol Head Neck Surg. 2024;77. doi:10.1007/s12070-024-05210-9.

9. Prabha N, **Arora R**, Chirayath AG, Keche A, Gupta AK, Gupta R, et al. The COVID-19-Associated Mucormycosis with Cutaneous Involvement. Skinmed. 2024;22:346–50.

10. Singh P, Negi S, **Arora R,** Nagarkar N. Genetic Insight of Oncogenic Potential of Human Papilloma Virus. In: [Book Title Unknown]. 2024. doi:10.1007/978-981-97-4480-0_26.

11. Banjare A, **Arora R**, Ravina M, Dange P, Rao K, Nagarkar N. Role of the FDG PET CT Scan in Pretreatment Evaluation of Oral Carcinomas. Indian J Otolaryngol Head Neck Surg. 2024;76. doi:10.1007/s12070-024-04974-4.

12. Grover H, **Arora R**, John R, Rao K, Nagarkar N. Trotter Procedure with Harmonic Scalpel: A Unique Approach to Mucoepidermoid Carcinoma of Tongue Base Revisited. Indian J Otolaryngol Head Neck Surg. 2024;76. doi:10.1007/s12070-024-04811-8.

13. Borkar N, Tiwari C, Kumar CA, Revanth K, **Arora R,** Ganga R. Tamarind Seeds in Tracheobronchial Tree: Challenges during Rigid Bronchoscopy. J Indian Assoc Pediatr Surg. 2024;29. doi:10.4103/jiaps.jiaps_220_23.

14. **Arora R**, Sureshbabu N, Nagarkar N, Banjare A. Atypical Presentation of Acute Suppurative Otitis Media with Facial Palsy: Extra Medullary Manifestation of AML in Temporal Bone. Indian J Otolaryngol Head Neck Surg. 2024;76:1–5. doi:10.1007/s12070-024-04702-y.

15. Baseline findings of a multicentricambispective cohort study (2021-2022) among hospitalised mucormycosis patients in India; Mycology: An International Journal on Fungal Biology (TMYC).

16. A Subin, Mehta R, Nagarkar NM, Bodhey NK, Gupta RK, **Satpute SS**. Clinical, Radiological, and Pathological Correlation of Mandibular Invasion in Carcinoma Bucco-alveolar Complex. Indian J Surg Oncol. 2024 Jun;15(2):385-396.

17. Pictorial essay: 18-F FDG PET/CT in salivary gland neoplasm; Indian Journal of Nuclear Medicine

18. **Chakravarty S**, Rana S, Gandhoke CS. OtiticHydrocephalus: Case report on a rare complication of chronic otitis media with emphasis on management. Indian J Otol 2024 Sep; 30:220-3.

19. **Chakravarty S**, Aggarwal A, Nagarkar NM. An Unusual Case of Anterior Displacement of the Vagus Nerve during Total Thyroidectomy: A Surgical Dilemma. Indian J Otolaryngol Head Neck Surg. 2024 Aug;76(4):3562-3565.

20. **Chakravarty, S.**, John, R.M. & Ghosh, A. ***E. coli***–Mediated Acute Suppurative Thyroiditis with Thyroid Abscess in a Patient with Urosepsis: Case Report. ***SN Compr. Clin. Med. 7***, 30 (2025 Feb). https://doi.org/10.1007/s42399-025-01774-x

21. **Chakravarty, S.**, Bharadwaj, K. &Banjare, A. Rare Paediatric Presentation of Follicular Dendritic Cell Sarcoma of Cervical Lymph Node: A Case Report. ***Indian J Otolaryngol Head Neck Surg*** (2025).

https://doi.org/10.1007/s12070-025-05443-2

22. Agrawal M, **Chakravarty S**, Satarkar R, Chowhan AK. Ectopic Cervical Thymus in Adult: An Incidental Finding. Indian J Otolaryngol Head Neck Surg. 2024 Oct;76(5):4958-4961.

23. Gupta RK, **Chakravarty S**, Sharma MC, Kumar M. Primary synovial sarcoma of thyroid: Diagnostic pitfalls and importance of immunohistochemistry. Indian J PatholMicrobiol (2025)

24. Rao KN, Rajguru R, Dange P, Vetter D, Triponez F, Nixon IJ, Randolph GW, Mäkitie AA, Zafereo M, Ferlito A. Lower Rates of Hypocalcemia Following Near-Infrared Autofluorescence Use in Thyroidectomy: A Meta-Analysis of RCTs. ***Diagnostics***. 2024; 14(5):505. https://doi.org/10.3390/diagnostics14050505

25. Rao KN, Rajguru R, Arora R et al. Artificial neural network to predict post-operative hypocalcemia following total thyroidectomy. Indian J Otolaryngol Head Neck Surg (2024). https://doi.org/10.1007/s12070-024-04608-9

26. Agrawal M, Rajguru R, Chowhan AK. A lower Lip Sac as different Kettle of Fish. Med J DY Patil Univ. 2024; 17(6): 1292-1293.

Chapter(s) in Books

Sl No.	Author (s)	Chapter Title	Editor	Book	Edition	Publisher	Year of Publication	First-Last Page
1.	Pugazhenthan Thangaraju, B. Aravind Kumar, Hemasri Velmurugan, Sajitha Venkatesan, Ripudaman Arora, Soumitra Trivedi	Significant risk medical devices	Prakash srinivasantimiri Shanmugam Pugazhenthanthangarazu Thamizharasan sampath Indumathy jagadeewaran	Significant and non significant risk medical devices	1st	springer	2024	33-34
2.	Pugazhenthan Thangaraju, B. Aravind Kumar, Hemasri Velmurugan, Sajitha Venkatesan, Ripudaman Arora, Soumitra Trivedi	Significant risks medical devices - radiology	Prakash srinivasantimiri Shanmugam Pugazhenthanthangarazu Thamizharasan sampath Indumathy jagadeewaran	Significant and non significant risk medical devices	1st	springer	2024	395-402

ORAL PAPERS/POSTERS PRESENTED

S. No.	Authors	Title	Conference	Date	Organised by
1.	Dr. Unnati	Poster- Exploring the rare absence of stapedius muscle	ISOCON Agra 2024 32nd Annual National Conference of the Indian Society of Otology	08-10.11. 2024	Indian Society of Otology
2.	Dr. Unnati	Paper – mastering decompression technique for facial recovery	ISOCON Agra 2024 32nd Annual National Conference of the Indian Society of Otology	08-10.11. 2024	Indian Society of Otology
3.	Dr. Shivangi Patnecha	Paper – Malignant otitis externa – still an enigma	ISOCON Agra 2024 32nd Annual National Conference of the Indian Society of Otology	08-10.11. 2024	Indian Society of Otology
4.	Dr. Raima M John	Paper – parathyroid adenoma: a hidden culprit	AOI HP chapter cum CI and Temporal bone dissection workshop	27-28.04.2024	Himachal Pradesh chapter of the Association of Otolaryngologists of India (AOI)
5.	Dr. Raima M John	Poster – Potts puffy tumor in mucormycosis, a rare presentation of a common disease	AOI HP chapter cum CI and Temporal bone dissection workshop	27-28.04.2024	Himachal Pradesh chapter of the Association of Otolaryngologists of India (AOI)
6.	Dr. Kritika Bhardwaj	Poster – strategic maneuver – optimizing exposure and control in parapharyngeal space tumor	AOI HP chapter cum CI and Temporal bone dissection workshop	27-28.04.2024	Himachal Pradesh chapter of the Association of Otolaryngologists of India (AOI)
7.	Dr. Kritika Bhardwaj	Paper – endoscopic vs microscopic stapes surgery	AOI HP chapter cum CI and Temporal bone dissection workshop	27-28.04.2024	Himachal Pradesh chapter of the Association of Otolaryngologists of India (AOI)
8.	Dr. Sohel Rana	1st in quiz , 3rd in poster presentation on Rare esthesioneuroblastoma case of a pregnant woman and paper presentation on rare schwannoma cases in	AOI CG	April 2025	Chhattisgarh Association of Otolaryngologists of India (AOI)

S. No.	Authors	Title	Conference	Date	Organised by
9.	Dr. Sri Vasavi Yarram	Poster Presentation	AOICON 2025 at Kochi.	10.01.2025	AOICON 2025
10.	Dr. Shivangi Patnecha	Poster – Autonomic dysfunction	NESCON 2024- 42nd National Conference Of Neuro-otological and equilibriometric society of India	16-18.08.2024	Neuro-otology unit- Department of Neurosurgery , SGPGIMS, in association with AOI Lucknow and UPAOI
11.	Dr. Shivangi Patnecha	Paper – Anterior canal BPPV – an infrequent variant	NESCON 2024- 42nd National Conference Of Neuro-otological and equilibriometric society of India SGPGIMS, Lucknow, UP	16-18.08.2024	Neuro-otology unit- Department of Neurosurgery , SGPGIMS, in association with AOI Lucknow and UPAOI
12.	Dr. Shivangi Patnecha	Poster- Facial nerve prolapse	ISOCON Agra 2024 32nd Annual National Conference of the Indian Society of Otology Japee palace hotel and convention center Agra, Uttar Pradesh	08-10.11. 2024	Indian Society of Otology
13.	Dr. Shivangi Patnecha	Paper – anterior canal BPPV – and Infrequent variant	AOICON 2025 Kochi 76thAnnnual Conference of the association of Otolaryngologists of India Hotel Le Meridien, Kochi	09 -12.01. 2025	The Association of Otolaryngologists of India
14.	Dr. Shivangi Patnecha	Poster – solitary Nasopharyngeal plasmacytoma	AOICON 2025 Kochi 76thAnnnual Conference of the association of Otolaryngologists of India Hotel Le Meridien, Kochi	09 -12.01. 2025	The Association of Otolaryngologists of India
15.	Dr. Kritika Bhardwaj	Paper- Endoscopic vs Microscopic Stapedotomy: Anatomical barriers	21st HPAOICON CHAPTER 2024 3rd CI-2024	26-28.04. 2024	Dept of ENT&HNS, RPGMC Tanda HP

S. No.	Authors	Title	Conference	Date	Organised by
16.	Dr. Kritika Bhardwaj	Poster- Parapharyngeal space tumors First prize in Quiz	21st HPAOICON CHAPTER 2024 3rd CI-2024	26-28.04. 2024	Dept of ENT&HNS, RPGMC Tanda HP
17.	Dr. Kritika Bhardwaj	Paper- Image Guided Navigation System	35th Annual meet of All India Rhinology Society RHINOCON 2024	22-24.11.2024	All India Rhinology Society
18.	Dr. Kritika Bhardwaj	Poster- Cutaneous histoplasmosis in immunocompetent host- from non endemic region First Prize	35th Annual meet of All India Rhinology Society RHINOCON 2024	22-24.11.2024	All India Rhinology Society
19.	Dr Ummer Mukthar T P	Transnasal Endoscopic Repair of CSF Rhinorrhea: case series.	35th Annual meet of All India Rhinology Society RHINOCON 2024	22-24.11.2024	All India Rhinology Society
20.	Dr. Sohel Rana	Free paper presentation on JNA our experience in middle part of India	35th Annual meet of All India Rhinology Society RHINOCON 2024	22-24.11.2024	All India Rhinology Society

Key Events:

The Department of ENT and Head-Neck Surgery at AIIMS Raipur observed **World Hearing Day 2025** with a three-day awareness campaign focusing on hearing health, early diagnosis, and prevention of hearing loss. Under the leadership of **Prof. (Dr.) Renu Rajguru** and **Dr. Ripu Daman Arora**, and with the support of **Lt. Gen. Ashok Jindal (Retd)** (Executive Director) and **Dr. Alok C. Agrawal** (Dean), the campaign reached students, medical professionals, and the general public.

- **ENT Health Check-up Camp (March 1):** Conducted at a primary school in Gram Tila, screening 84 students; 25 were diagnosed with hearing impairment and referred for further care.
- **Awareness Run (March 2):** "Run for Hearing Health" at AIIMS Raipur involving students, faculty, and staff to promote hearing health.
- **Nukkad Natak (March 3):** Street play titled ***"Samjho Kaan Ki Baat"*** focused on the risks of loud music and noise exposure.
- **CME Seminar (March 3):** Experts discussed hearing loss prevention, mobile phone impact, hearing aids, and noise pollution

The initiative reinforced AIIMS Raipur's commitment to **accessible and preventive hearing care**, with future plans to expand outreach to rural schools and underserved communities.

PATIENT CARE

OPD	IPD	Major OT	Minor OT	Tests	Special Clinics
50777	1510	1314	03	8281	450

AWARDS, HONOURS AND SIGNIFICANT EVENTS

Dr Ripu Daman Arora

- Appointed as the executive body member of Association of Phono-surgeons of India,
- Appointed as the President of the Association of Otolaryngologists of India, Raipur (CG)

Dr. Sharmistha Chakravarty

- Received second prize for best paper presentation in Senior consultant Category at National conference- RHINOCON (Annual Conference of All India Rhinology Society) in November 2024 for topic "**Idiopathic Intracranial Hypertension (IIH) presenting with Spontaneous Cerebrospinal Fluid Rhinorrhea: Challenging situation requiring a modified protocol**"

VISITING SCIENTIST(S)

1. Guest Lecture by Dr Hetal Marfatia, Professor & HOD ENT, Seth GS Medical College & KEM Hospital, Mumbai, on 14 Oct 2024 on "Otology-Basics and beyond".
2. Guest lecture by Jodie Oakley, Clinical Educator for surgery and implants for Asia Pacific region on 14 Oct 2024 on "Understanding SmartNav".
3. Guest Lecture by Dr Hitesh Verma, Associate Professor, AIIMS Delhi, on 18 Dec 24, " Juvenile Nasopharyngeal Angifibroma".

OTHERS

COPYRIGHT

1. Copyright on "Chakravarty-Mehta Classification system for patterns of Skull-base involvement in Invasive Fungal Rhinosinusitis" Dr. Sharmistha Chakravarty, Dr. Rupa Mehta (Registration No. L-155570/2024 dated 22.10.2024)
2. Copyright on "Assessment of Postural Balance and Vestibular Function in adults with Chronic Otitis Media using Dynamic Posturography and Rotary chair Test as a diagnostic tool" Dr. Sharmistha Chakravarty, Dr. Unnati Dhabarde, Dr. Renu Rajguru (Registration No. L-162253/2025 dated 06.03.2025)

Department of Forensic Medicine & Toxicology

Professor & Head
Dr. Krishnadutt Chavali
Additional Professors
Dr. Deepak D'Souza
Dr. Pankaj Ghormade
Associate Professors
Dr. Swapnil Akhade
Dr. Shagun Thakur

HIGHLIGHTS

Dr Krishnadutt Chavali received the Mr Justice Jagdish Sharan Mishra Oration Award by the Indian Academy of Biomedical Sciences in February 2025.

Dr. Deepak Herald D'Souza successfully completed the Post Graduate Diploma in Forensic Anthropology & Odontology (PGDFAO) course conducted by Yenepoya (Deemed to be University).

Dr. Shagun Thakur was invited as a resource person in a 2-day State-level Training of Trainers (TOT) on 'Survivors of Sexual Violence' at the State Institute of Health & Family Welfare (SIHFW), Patna, on August 29-30, 2024 for training practicing physicians in Bihar. Dr Shagun also won the Second Prize in the Quiz Competition organized by AIIMS Jodhpur during the 4th Mammalian Cell Culture Workshop.

In collaboration with the Forensic Science Laboratory, Raipur, the institute has been designated as a centre for Narcoanalysis for the state of Chhattisgarh. The department has been facilitating narcoanalysis procedure for the cases of the State Government.

During the year, the department handled 7897 medicolegal cases, performed 591 medicolegal autopsies, embalmed 25 autopsied dead bodies and handled many toxicology cases. Two beds have been allotted in 3A1 ward to the department for admission and management of cases of poisoning.

The faculty members delivered talks as invited speakers at various conferences, CMEs, etc. during the year.

EDUCATION

The department is involved in the teaching and training of students of the MBBS, MD (FMT), DM (MFT), PhD courses. Classes were also held by the department for the BSc (OT Technology) course. One student (Dr Gowri Gopal VR) appeared for and successfully cleared her MD exam in Forensic Medicine and Toxicology. One Senior Resident, an alumnus of AIIMS Raipur (MD-FMT) (Dr Kamal Kant Sahu), was appointed as Assistant Professor in Forensic Medicine and Toxicology at Pt. JNM Medical College, Raipur. The department added one Junior Resident (Academic) during the year.

Faculty members of the department are registered on the KARMAYOGI platform and completed courses therein with certification from the Department of Personnel & Training.

CMEs/WORKSHOP/SYMPOSIA/NATIONAL & INTERNATIONAL CONFERENCES

Dr. Krishnadutt Chavali

S. No.	Title	CME/Conference	Date	Organized by
1.	EMPART-24	Conference	19-21.04.2024	Dept of Trauma and Emergency, AIIMS Raipur
2.	TOXOCON 19	Conference	21-22.06.2024	Sri Devraj Urs Academy of Higher Education and Research, Kolar, Karnataka
3.	ICFMTCON 2024	Conference	30-31.08.2024	Dept of FMT, GMCH, Chandigarh
4.	TOXOCON 20	Conference	21-22.11.2024	Dept of FMT, AIIMS Deoghar
5.	IABSCON 2025	Conference	11-13.02. 2025	Dept of Biochemistry, AIIMS Bhopal
6.	PAFMATCON 24-25	Conference	21-22.03.2025	Dept. of FMT HIMS, Dehradun (UK)

Dr. Deepak D'Souza

S. No.	Title	CME/Conference	Date	Organized by
1.	Pearls, Perils & Pitfalls in management of medicolegal cases in clinical practice	National CME	06.01.2025	AIIMS Rajkot

Dr. Pankaj Ghormade

S. No.	Title	CME/Conference	Date	Organized by
1.	FORENSICON 2024	Conference	07-08.12.2024	Dept. of FMT PAHGMC,Baramati(MH)
2.	1st Annual Chhattisgarh State Chapter of ACBI	CME on Interdisciplinary research: shaping the healthcare of the future.	30.01.2025	Dept. of Biochemistry, AIIMS Raipur
3.	PAFMATCON 24-25	Conference	21-22.03.2025	Dept. of FMT HIMS, Dehradun (UK)

S. No.	Title	CME/Conference	Date	Organized by
4.	Workshop on Systematic Review and Meta-analysis	National Workshop	18-19.03.2025	Dept. of Pediatric surgery and Research Cell AIIMS Raipur

Dr. Shagun Thakur

S. No.	Title	CME/Conference	Date	Organized by
1.	Application of Molecular Biology techniques in forensic genetics	Workshop	22-23.11.2024	Dept of FMT and Research Unit at Maulana Azad Medical College and Lok Nayak Hospital, New Delhi
2.	Mammalian Cell Culture	Workshop	22-28.03.2025	Dept. of Biochemistry, AIIMS Jodhpur

Dr. Swapnil Akhade

S. No.	Title	CME/Conference	Date	Organized by
1.	Examination of an Accused of Sexual Assault in Current Scenario.	CME on Challenges & Solutions in Handling cases of sexual offences at AIIMS.	14.09.2024	Dept. of Forensic Medicine & Toxicology and Obstetrics & gynecology AIIMS Mangalagiri.
2.	Strengthening of Medical Certification of Cause of death.	Master Trainer for MCCD.	11.03.2025	Chief Registrar (Birth & Death) & Vital statistics Section. Directorate of Economics & Statistics, Chhattisgarh.

LECTURES DELIVERED AT CMEs, NATIONAL & INTERNATIONAL CONFERENCES

Dr. Krishnadutt Chavali

S. No.	Title	CME/Conference	Date	Organized by
1.	Law and Order in the ER – Medicolegal Aspects	EMPART-24	19-21.04.2024	AIIMS Raipur
2.	Resourceful Remedies – Mastering Toxicology Tools	TOXOCON 19	21-22.06.2024	Sri Devraj Urs Academy of Higher Education and Research, Kolar, Karnataka
3.	Scope of Toxicology in India	Guest Lecture (online)	23.07.2024	VMMC, New Delhi
4.	Male Potency Testing: Current Scenario.	ICFMTCON 2024	30-31.08.2024	Dept of FMT, GMCH, Chandigarh
5.	Starting of DM course in Medical and Forensic Toxicology at AIIMS Raipur: Challenges and Experiences	TOXOCON 20	21-22.11.2024	Dept of FMT, AIIMS Deoghar
6.	Pearls, Perils & Pitfalls in management of medicolegal cases in clinical practice	National CME (online)	06.01.2025	AIIMS Rajkot
7.	The Science of Justice: Forensic Breakthroughs	Guest Lecture	21.01.2025	Kalinga University, Raipur
8.	Bridging the gap: Why India needs Clinical Toxicology as a standalone specialty	IABSCON 2025	11-13.02.2025	Dept of Biochemistry, AIIMS Bhopal
9.	Medical Negligence in India: Insights from landmark judgments	PAFMATCON 24-25	21-22.03.2025	Dept. of FMT HIMS, Dehradun (UK)
10.	Handling of Medicolegal Cases	Refresher Training Program for Teachers of Medical Colleges and Alternate Medicine Practitioners of Chhattisgarh	2024-25 (multiple)	Chhattisgarh Administrative Academy, Nimora

Dr. Shagun Thakur

S. No.	Title	CME/Conference	Date	Organized by
1.	Survivors of Sexual Violence	Resource Person at State Level Training of Trainers (TOT)	29-30.08.2024	Rajya Swasthya Samiti, Bihar

Dr. Swapnil Akhade

S. No.	Title	CME/Conference	Date	Organized by
1.	Examination of an Accused of Sexual Assault in Current Scenario.	CME on Challenges & Solutions in Handling cases of sexual offences at AIIMS.	14.09.24	Dept. of Forensic Medicine & Toxicology and Obstetrics & gynecology AIIMS Mangalagiri.
2.	Strengthening of Medical Certification of Cause of death.	Master Trainer for MCCD.	11.03.25	Chief Registrar (Birth & Death) & Vital statistics Section. Directorate of Economics & Statistics, Chhattisgarh.

ORAL PAPERS/POSTERS PRESENTED

S. No.	Authors	Title	Conference	Date	Organised by
1.	**Dr.Pankaj Ghormade**	Death due to iatrogenic left ventricle perforation due to pericardiocentesis	FORENSICON 2024	07-08.12.2024	Dept. of FMT PAHGMC,BARAMATI
2.	**Dr Swapnil Akhade**	The manner and cause of death in an Intoxicated person due to fatal neck injury by a sharp weapon: Unmasked by Autopsy and confirmed by CCTV.	IAMLECON 2024	28.09-01.10.2024	Dept of Forensic Medicine and Toxicology, AIIMS Jodhpur.

RESEARCH
Funded Project
Ongoing

S. No.	Project	Collaborating Department/ Institution
1.	"Implementation pilot study of MCCD Audit Framework in selected health facilities in India." As Co-investigator (October 2024 – April 2025)	Community Medicine, AIIMS Raipur Extramural project, funded by ICMR-NCDIR, BENGALURU

Departmental Projects – Non-Funded Projects/ ICMR-STS Projects/ Thesis/Dissertations
Ongoing

S. No.	Project
1.	Prevalence, morphology, and significance of myocardial bridging on coronary arteries - a prospective Forensic autopsy study from tertiary care centre of Central India.
2.	A comparative analysis of treatment outcomes with N-Acetylcysteine alone and N-Acetylcysteine combined with plasma exchange in acute Liver Failure following Acute Yellow Phosphorus Poisoning – an ambispective observational study.
3.	Comparison of efficacy of APACHE II, SAPS II, SOFA and PSS scores in predicting prognosis in terms of mortality at 2 weeks in patients of poisoning.
4.	Clinical and demographic profile of patients presenting to AIIMS Raipur with exposure to xenobiotics - A 5 year ambispective observational study.
5.	Histopathological characteristics of internal organs in fatal paraquat poisoning and co-relation of these changes with demographic profile- An autopsy-based study
6.	Utility of Point of Care Ultrasound (POCUS) in Cardio-pulmonary assessment for early prediction of mortality in hospitalized patients with acute poisoning or envenomation – a prospective observational study
7.	Evaluation of serum biomarkers and cardiac function in organophosphate poisonings as predictive markers for severity and clinical outcomes
8.	Neck findings and changes in the vascular structures of the neck and its histopathology in cases of death due to hanging.
9.	DNA degradation in Goat Tissues by Comet Assay as a Molecular Clock for Estimating Post - Mortem Interval
10.	Assessment of Nasal Soft Tissue Thickness Variations for Forensic Facial Reconstruction in Chhattisgarh Population: A CT Scan Based Approach
11.	Forensic dental age estimation in children and adults of major communities of Chhattisgarhi population: Testing practical applicability and accuracy of different methods
12.	UV Visible Spectrophotometry vs High Performance Liquid Chromatography for the Determination of Vancomycin in Human Plasma – A comparative Study.

Completed:

S. No.	Project
1.	Otologic findings in various medicolegal autopsies – a prospective study
2.	Study of pattern of injuries presenting to AIIMS Raipur – a step towards establishing a trauma registry
3.	Establishing a clinical and forensic toxicology unit – a blueprint

PUBLICATIONS

1. Bhoyar L, Mehar P, **Chavali K**. Assessing the forensic implications of DNA degradation for PMI estimation using comet assay: A systematic review. J For Legal Med. 109(1):1-8
2. Mukesh R, Kumaran M, **Chavali K**. Examination protocol of dismembered bodies in railway track: A suggestive review in the Indian railways backdrop. Indian J Forensic Community Med 2024;11(4):179-186
3. Anu B, **Chavali K**, Arora RD. Otologic Findings in Medicolegal Autopsies: A Prospective Study. J Punjab Acad Forensic Med Toxicol 2024;24(2):32-37
4. Sarma B, Dash SK, **Ghormade PS**, Kumar DAV. Cadaveric organ donation: Indian perspective. Indian J Forensic Community Med 2024; 11(2):44-48.
5. Sarma B, **Ghormade PS**, Dash SK, Sahu BK. Unscarred uterine complete rupture in a case of full-term primiparous pregnancy. Journal of Forensic Medicine and Toxicology.2024; 41(1):150-153.
6. Rathod VV, Chaudhary UK, **Ghormade PS**, Keoliya AN. Study of Characteristics of Victims and Alleged Accused in Cases of Deaths Due to Homicide. Indian Journal of Forensic Medicine and Toxicology.2025; 19(1):161-67.
7. **Akhade S**, Thakur P, Akhade K, **Ghormade PS**, Bagde H, Bagde ND, Singh V, **Chavali K**. A Preliminary Study on Hymenal Morphology in Indian Females Without a History of Sexual Intercourse Presenting With Gynecological Complaints.Cureus.2025;17(2):e79336.DOI10.7759/cureus.79336

PATIENT CARE

The department handles the medicolegal work of the institute from admission to discharge as also the medicolegal autopsies and toxicology cases. Cases handled by the department in the past year (01.04.2024 to 31.03.2025) are summarized in the following table:

Medicolegal cases handled	Medicolegal autopsies performed	Embalming of autopsied bodies	Poisoning cases
7987	591	25	2 beds in 3A1 ward

The department provides round the clock medico-legal services in various cases like examination of child abuse, physical assaults, sexual assault survivor examination, examination of accused in POCSO cases and age estimation under the Clinical Forensic Medicine unit.

As part of the novel DM course in Medical and Forensic Toxicology, the department has been allotted two beds in the 3A1 ward for admission and management of poisoned patients brought to the hospital. Various cases of poisoning have been handled by the department during the year under consideration.

AWARDS, HONOURS AND SIGNIFICANT EVENTS

Dr Krishnadutt Chavali received the Mr Justice Jagdish Sharan Mishra Oration Award by the Indian Academy of Biomedical Sciences in February 2025. He delivered an oration titled, “Bridging the gap: Why India needs Clinical Toxicology as a standalone specialty”.

Dr. Shagun Thakur received the Second Prize in the Quiz Competition organized by AIIMS Jodhpur during the 4t h Mammalian Cell Culture Workshop.





Department of Surgical Gastroenterology

Associate Professor & Head

Dr. Souvik Paul (From 18.01.2025)

HIGHLIGHTS

Surgical Gastroenterology Department started in September, 2022. In this academic year, the department gained momentum with its IPD and OT services. Post-doctoral courses will be started soon.

EDUCATION

PG teaching activities were done for the General Surgery academic residents who had rotational posting at our department. Also, nonacademic SRs participated in teaching activities in All India Telemedicine class for Surgical Gastroenterology. MCh Surgical Gastroenterology Course has been approved with 1 seat per year. The course will be started from July 2025 session.

LECTURES DELIVERED AT CMEs, NATIONAL & INTERNATIONAL CONFERENCES

Dr. Souvik Paul

S. No.	Title	CME/Conference	Date	Organized by
1.	Moderator of Case presentation by Residents	IHPBA – HPB Radiology Course 2025 at AIIMS Bhubaneswar	January 30 - 31, 2025	AIIMS Bhubaneswar

ORAL PAPERS/POSTERS PRESENTED

S. No.	Authors	Title	Conference	Date	Organised by
1.	Parth Patel[1], Souvik Paul[2], Tridip Dutta Baruah[1], Rubik Ray[1], Ashish Kumar Gupta[3], Richa Singh Chauhan[4] (Department of General Surgery[1], Department of Surgical Gastroenterology[2], Department of Pathology[3], Department of Radiodiagnosis[4] ,All India Institute of Medical Sciences, Raipur)	E-poster: Primary Hepatic Neuroendocrine Tumour- A rare hepatic malignancy. **[Dr Parth Patel Received Third Prize]**	CGASICON 2025 (Raipur)	February 22-23, 2025	Rama Krishna Care Hospital, raipur

ORAL PAPERS/POSTERS PRESENTED

S. No.	Authors	Title	Conference	Date	Organised by
2.	Dr. Moonmoon Kedia[1], Dr. Souvik Paul[2], Dr. Chetan Anand[3]([1,3]Department of General Surgery, [2]Department of Surgical Gastroenterology, All India Institute Of Medical Sciences, Raipur)	E-poster: When Scopes Poke: Navigating Gastric Perforation Post Upper GI Endoscopy: A Case Report.	CGASICON 2025 (Raipur)	February 22-23, 2025	Rama Krishna Care Hospital, raipur
3.	Patel P[1], Goyal A[1], Paul S[1], Gupta AK[2], Chauhan RS[3], Ravina M[4]; Department of Surgical Gastroenterology[1], Pathology[2], Radiodiagnosis[3] & Nuclear Medicine[4] – All India Institute of Medical Sciences, Raipur	E-poster: Primary Hepatic Neuroendocrine Tumour: A Rare Hepatic Tumor. **[Dr Souvik Paul Received First Prize]**	IHPBA India 2025 (Kolkata)	March 20-22, 2025	IHPBA India Chapter
4.	Goyal A[1], Paul S[1], Bodhey NK[2], Chowhan AK[3], Kumar A[4]; Department of Surgical Gastroenterology[1], Radiodiagnosis[2], Pathology[3]& Medical Oncology[4]– All India Institute of Medical Sciences, Raipur	E-poster: Rare but real: Pancreatic GIST masquerading as SPEN	IHPBA India 2025 (Kolkata)	March 20-22, 2025	IHPBA India Chapter

Departmental Projects – Non-Funded Projects/ ICMR-STS Projects/ Thesis/Dissertations

Ongoing

S. No.	Project
1.	Study of immunohistochemical expression of Claudin 18.2 and its association with HER2, p53, E-cadhrin and clinicopathological parameters in gastric adenocarcinoma at a tertiary care center in central India. Thesis proposal for MD Pathology and Laboratory Medicine by Dr T P Harikrishnan. Guide: Dr Nighat Hussain; Co-guide: Dr Souvik Paul, Dr Tanmay Vajpai, Dr Amit Kumar.

S. No.	Project
2.	Investigating status of K-RAS gene and its association with p-ERK, c-MYC and Hippo-YAP/TAZ expression for potential evaluation of drug sensitivity in colorectal cancer management. Thesis proposal for Doctor of Philosophy in Pathology and Laboratory Medicine. Guide: Dr Rakesh Kumar Gupta; Co-guide: Dr Ashish Kumar Gupta, Dr Souvik Paul, Dr Amit Kumar, Dr Dharmendra Dugar

Collaborative Projects

Ongoing

S. No.	Project	Collaborating Department/Institution
1.	Identification of biomarker signature and its clinical application in Colorectal cancer	Guru Ghasidas Vishyavidyalaya, Bilaspur, Chhattisgarh

PUBLICATIONS

- Mondal D, Shinde S, Sinha V, Dixit V, Paul S, Gupta RK, Thakur S, Vishvakarma NK, Shukla D. Prospects of liquid biopsy in the prognosis and clinical management of gastrointestinal cancers. Front Mol Biosci. 2024 May 6;11:1385238. doi: 10.3389/fmolb.2024.1385238. PMID: 38770216.

PATIENT CARE

OPD	IPD	Major OT
2840	80	54

AWARDS, HONOURS AND SIGNIFICANT EVENTS

Departmental achievements:

1. Dr. Souvik Paul (Associate Professor, Dept of Surgical Gastroenterology) was invited as faculty in IHPBA – HPB Radiology Course 2025 at AIIMS Bhubaneswar (Surgical Gastroenterology dept) – January 30 -31, 2025.
2. Dr Parth Patel (Academic JR, Dept of General Surgery) received 3rd Prize in e-poster CGASICON 2025 (February, 2025) – Raipur at RK Care Hospital
   Topic: Primary Hepatic Neuroendocrine Tumour- A rare hepatic malignancy.
   Authors: Parth Patel[1], Souvik Paul[2], Tridip Dutta Baruah[1], Rubik Ray[1], Ashish Kumar Gupta[3], Richa Singh Chauhan[4] (Department of General Surgery[1], Department of Surgical Gastroenterology[2], Department of Pathology[3], Department of Radiodiagnosis[4] ,All India Institute of Medical Sciences, Raipur)
3. Dr Souvik Paul (Associate Professor, Dept of Surgical Gastroenterology) received the best e-poster award in IHPBA India – Kolkata, March 20-22, 2025.
   Topic: Primary Hepatic Neuroendocrine Tumour: A Rare Hepatic Tumor.
   Authors: Patel P[1], Goyal A[1], Paul S[1], Gupta AK[2], Chauhan RS[3], Ravina M[4] ; Department of Surgical Gastroenterology[1], Pathology[2], Radiodiagnosis[3] & Nuclear Medicine[4] – All India Institute of Medical Sciences, Raipur.

Surgical Achievements:

The Department of Surgical Gastroenterology started liver resections using CUSA, advanced laparoscopy using 3D laparoscopy system. Also Intraoperative USG is being used as an adjunct for structural guidance during surgery, After we received CUSA, we have performed 4 major liver resections. One of them was a one year child who underwent Right hepatectomy (First at AIIMS Raipur) - as a joint work with the Pediatric Surgery department (on 10/3/25).

The Department of Surgical Gastroenterology completed a total 113 surgeries (including elective and emergency) since its inception with 100th Surgery marked on 24/01/2025.

Department of General Medicine

Professor & Head
Prof.(Dr.) Vinay R. Pandit
Additional Professors
Dr. Md. Sabah Siddiqui
Dr. Preetam N. Wasnik
Associate Professors
Dr. Pankaj Kumar Kannauje
Dr. Jhasaketan Meher
Dr. Pranita
Associate Professors
Dr Rohini Rokkam
Dr. Joydeep Samanta

HIGHLIGHTS

The Department of General Medicine offers services across various units including the General Medicine OPD, Screening OPD, Male Medicine Ward, Female Medicine Ward, Trauma & Emergency, HDU (High Dependency Unit), and MICU (Medical Intensive Care Unit). Additionally, The Department provide day care facilities with 07 dedicated beds in 2C1 ward for Rheumatology patients. Our well-equipped ten-bed Medical ICU (MICU) caters to critically ill patients. The Department ensure round-the-clock services in the Trauma and Emergency Department located on the ground floor and first floor. The Department handles admissions and management of medicine cases and critically ill patients from various subspecialties within medicine, including Neurology, Gastroenterology, and Cardiology cases. Also, The Department operate a 20-bedded HDU for sick patients. Our specialty OPD operates from 2:00 PM to 5:00 PM, offering clinics such as the Diabetic Foot Clinic every Tuesday, Rheumatology Clinic every Wednesday, Geriatric Clinic and Sickle Cell Clinic every Thursday, and Hepatitis Clinic every Friday. The weekly Rheumatology OPD has been expanded to three times a week.

The department has organized many CMEs/seminars. Numerous research projects (Extramural/Intramural funded and non-funded) have been conducted by the department with the involvement of faculty and residents. The department has published around 40 research papers/review articles/case reports/abstracts in indexed national and international journals. Many of the faculty members have contributed to writing book chapters. Several faculty members have been invited as guest speakers at various national/state conferences and CMEs.

EDUCATION

The Department is actively involved in teaching undergraduate students. Daily clinical bedside teachings are provided to multiple batches of undergraduate students. Apart from traditional classroom lectures, the department engages in integrated teaching methods. The Department of General Medicine conducts departmental seminars from Monday to Friday at 3:30 pm. These seminars encompass long and short presentations, case presentations, journal presentations, weekly clinical meets. DM academic seminars are conducted thrice weekly at 1 PM. The department also holds monthly mortality meetings regularly. Induction training is provided to newly joined PG students for every academic batch. Moreover, the faculty of the department have trained medical officers and CHOs of Chhattisgarh state on non-communicable diseases such as Diabetes, Hypertension, NAFLD, stroke under NPCDCS. Dr. Vinay R Pandit and Dr. Jhasaketan Meher have been instrumental in preparing the syllabus for M.D. Family Medicine, guided by NITI Aayog. The faculty members of the department contribute by teaching Neurology to BASLP students, nursing colleges, and other paramedical courses.

Residents have actively participated in quiz competitions and poster/platform presentation at various CMEs/Conferences, bringing accolades to the Department. Dr. Girish and Dr. Madhumitha secured 2nd prize in Rheumatology national level quiz in IRACON 2024. Dr. Girish with Dr. Madhumitha secured 1st prize and Dr.Kanthi with Dr. Vaishnavi secured 2nd prize respectively in endocrinology state level quiz CODECON 2024. Dr. Girish and Dr. Madhumitha secured 1st prize in RSSDI quiz 2024 organized by Chhattisgarh RSSDI. Dr. Girish secured 2nd prize in hematology state level quiz at HEMATOCON 2024. Dr. Girish with Dr. Madhumitha, Dr. Sangarsh with Dr. Avinashand Dr. Mahima with Dr. Amir secured 1st prize, 2nd prize and 3rd prize respectively in Chhattisgarh Rheumatology update quiz 2025 organized by dept of General medicine, AIIMS, Raipur. Dr. Girish and Dr. Madhumitha secured 1st prize and 2nd prize respectively in Lymphoma Update quiz 2025 organized by department of Hematology and medical oncology AIIMS, Raipur. Dr. Shreya, Dr. Girish and Dr. Vinay together secured 1st prize in Medicine update quiz 2025 at MEKAHARA, Raipur.

The department actively participated on Outline of various activities in Orientation Programme for MBBS 2024 batch students, PG Induction Programme on "Ethics in Clinical Practice" & "Medical Documentation" , Weekly Academic Meet on "Recurrent Infections: When to Suspect Primary Immunodeficiency" organized by Academic Section, AIIMS Raipur

CMEs/WORKSHOP/SYMPOSIA/NATIONAL & INTERNATIONAL CONFERENCES

S. No.	Title	CME/Conference	Date	Organized by
1.	Dr. S. D. Deodhar postgraduate inter-college Rheumatology quiz-2024	Annual Rheumatology quiz-zonal level	15.09.2024	Dept. of General Medicine AIIMS Raipur & Indian Rheumatology Association (IRA)
2.	World Rabies day-2024	Public awareness programme	28.09.2024	Dept. of General Medicine & Infectious Disease, AIIMS Raipur

S. No.	Title	CME/Conference	Date	Organized by
3.	Medicine Update 2024	National Conference	09.11.2024	Dept. of General Medicine, AIIMS Raipur
4.	Chhattisgarh Rheumatology Update 2025	National CME & Workshop	22-23.02.2025	Department of General Medicine, AIIMS Raipur
5.	Pneumococcal vaccination in routine clinical practices	CME	15.02.2025	Dept. of General Medicine, AIIMS Raipur
6.	Bio statistics classes	CME	28.02.2025	Department of Gastroenterology & Department of General Medicine
7.	Insulin pump workshop	Workshop	11.03.2025	Dept. of General Medicine & Department of Endocrinology & metabolism, AIIMS Raipur

LECTURES DELIVERED AT CMEs, NATIONAL & INTERNATIONAL CONFERENCES

Prof. (Dr.) Vinay R. Pandit

S. No.	Title	CME/Conference	Date	Organized by
1.	Optimizing Heart Failure Management in different risk Categories in Diabetic patients.	5th Mid -term CME of Cardio diabetic Society	05.04.2024	Department of General Medicine,AIIMS Patna and Cardio- diabetic Society
2.	Signs in Clinical Medicine to Interpret diseases	Global diabetes forum (GDFCON)	14.09.2024	GDF IPACON Raipur
3.	Structure and functions of liver, Liver injury clinical features, Interpretation of LFT	Training of medical officer on treatment and support under NVHCP	03-05.12.2024	State institute of health and family welfare Chhattisgarh
4.	Pneumococcal vaccination in routine clinical practices	CME on Adult vaccination	15.02.2025	Dept. of General Medicine, AIIMS Raipur
5.	Out lining of various activities of AIIMS Raipur	MBBS First year Orientation programme- Batch 2024	03.10.2024	Academic section AIIMS Raipur

S. No.	Title	CME/Conference	Date	Organized by
6.	Approach to heart failure in Diabetes Mellitus	Medicine Update 2025 – Annual State Conference	01.03.2025	Dept of General medicine, Pt JNM Medical College , Raipur
7.	Management of snake bite at primary and secondary care	State level training of MO for snake bite prevention by national heath mission	08.08.2024 & 10.02. 2025	MOHFW, Chhattisgarh

Dr. Md. Sabah Siddiqui

S. No.	Title	CME/Conference	Date	Organized by
1.	Investigating Acute Undifferentiated Fever (AUFI)	Sarguja APICON 24	28.04.2024	Sarguja API
2.	Use of fluid and electrolytes in Emergency Medicine	GI & Medicine Update'24	18.05.2024	RKCH and API
3.	Fluid and electrolyte management in emergency	Advanced Integrative Modern Medicine Conference, 2024	09.06.2024	2nd National Annual Conference of Medical Education and Research Foundation (MERF)
4.	Bridging the Gap EASD, ADA, and RSSDI Guidelines in Everyday Primary Care Practice	GDFCON	14.09.2024	GDF IPACON, Raipur (MERF)
5.	Antimicrobial resistance: Current Status	CGAPICON 2024, Jagdalpur	13.01.2024	API CG
6.	Understanding Lifestyle Diseases-A Path to Better Health	Seminar on health education of employees of Jaiswal NECO	21.09.2024	Jaiswal NECO Industries, Raipur
7.	Examination of a case of Tb spine	Symposium on Tuberculosis of Spine on the eve of world spine day 2024	15.10.2024	Department of Orthopedics in collaboration with Chhattisgarh Orthopaedic Association
8.	Smart Prescribing: Navigating Antibiotic Choices across Clinical Scenarios	IMACGCON 2025	01.02.2025	IMA Chhattisgarh Chhattisgarh Orthopaedic Association

Dr. Preetam N. Wasnik

S. No.	Title	CME/Conference	Date	Organized by
1.	Awareness of Sickle Cell Disease	Sickle screening camp, Hirapur	30.11.2024	AIIMS Raipur with Rungta College, Raipur

Dr. Pankaj kumarKannauje

S. No.	Title	CME/Conference	Date	Organized by
1.	Epidemiology and natural history of hepatitis B& C	Training of medical officer on treatment and support under NVHCP	03-05.12.2024	State institute of health and family welfare Chhattisgarh
2.	Treatment of Hepatitis B & C	Training of medical officer on treatment and support under NVHCP	03-05.12.2024	State institute of health and family welfare Chhattisgarh

Dr. Jhasaketan Meher

S. No.	Title	CME/Conference	Date	Organized by
1.	Clinical presentation and complication of sickle cell disease in adults	Sickle cell awareness program	19.06 2024	Department of Hematology& Sickle cell committee
2.	First aid, diagnosis, & referral mechanism in Snake bite	State level training of MO for snake bite prevention by national heath mission	08.08.2024 & 10.02. 2025	MOHFW, Chhattisgarh
3.	Improving patient safety through raising healthcare providers: Awareness of adverse drug reaction	CME on Pharmacovigilance	23.09.2024	Department of Pharmacology
4.	Management of Rheumatoid arthritis	SD Deodhar Rheumatology Quiz- state round	15.09.2024	Department of General Medicine
5.	Viral hepatitis as a cause of disease burden, Transmission & prevention of viral hepatitis, Clinical management of hepatitis C	Training of medical officer on treatment and support under NVHCP	03-05.12.2024	State institute of health and family welfare Chhattisgarh
6.	DMARDs -which one, when and how	APICON 2025, Kolkata, 80th Annual Conference of Association of Physicians of India	23-26.01.2025	Association of Physicians of India

S. No.	Title	CME/Conference	Date	Organized by
7.	Tuberculosis & HIV	World TB Week Symposium 2025 on eve of World TBday	28.03.2025	Department of Pulmonary Medicine

Dr. Pranita

S. No.	Title	CME/Conference	Date	Organized by
1.	Cardioprotective Effects of Dapagliflozin: Evidence and Mechanisms	FDG-Focus Group Discussion on Dapagliflozin	13.07.2024	Department of Medicine AIIMS Raipur
2.	Acute Febrile Illness in Elderly	Certificate Course in Geriatric Medicine and Gerontology, version IV	26.07.2024	Geriatric Society of India & Khaja Bandanawaj University
3.	Improvement in Diagnosis	National conference on Commemorating World Patient Safety Day	17.09.2024	Patient Safety Committee and ADR Monitoring Centre AIIMS Raipur
4.	Medical Emergencies in Thyroid	Multidisciplinary Management of Thyroid Disorders	21.02.2025	Department of ENT AIIMS Raipur
5.	Approach to Diagnosis in a Suspected Case of Lymphoma	State level conference Diagnosis and Management of Lymphoma	18.03.2025	Department of Clinical Hematology and Department of Medical Oncology AIIMS Raipur
6.	Feedback & Grievance	National Capacity Building Program on Patient Safety in India	19.03.2025	Ministry of Health and Family Welfare Patient Safety Secretariat, Directorate General of Health Services and AIIMS Raipur

Dr. Rohini Rokkam

S. No.	Title	CME/Conference	Date	Organized by
1.	Venous Thromboembolism	CME	05.07.2024	API-Raipur chapter

S. No.	Title	CME/Conference	Date	Organized by
2.	Family history in the panorama of diabetes	Conference	14.09.2024	Global diabetes forum- Indian podiatry association conference
3.	Planning shift-outs and transition to subcutaneous insulin injections	conference	15.09.2024	Global diabetes forum- Indian podiatry association conference
4.	Dilemmas in interpreting TFTs	11th ACCLMPCON Pre-Conference CME	13.12.2024	Department of Biochemistry, AIIMS, Raipur
5.	Insulin techniques-workshop	CG-RSSDI	22.12.2024	CG-RSSDI
6.	Thyroid dysfunction in elderly	Thyroid symposium	21.02.2025	Department Of ENT, AIIMS, Raipur

Dr. Joydeep Samanta

S. No.	Title	CME/Conference	Date	Organized by
1.	Adult Primary Immunodeficiency- When to suspect	CME-An Insight into Primary Immunodeficiency Disorders	26.04.2024	Department of Biochemistry, AIIMS Raipur
2.	Management of Rheumatoid Arthritis	CME	24.06.2024	Department of General Medicine, Chhattisgarh Institute of Medical Sciences, Bilaspur
3.	Approach to Vasculitis	CME	24.08.2024	Department of General Medicine, Pandit JNM Medical College, Raipur
4.	Diagnosis and Management of Lupus	CME (Rheumatology Masterclass)	15.09.2024	Indian Rheumatology Association (IRA) and Department of General Medicine, AIIMS Raipur
5.	Approach to Hyperuricemia	Conference (Medicine Update 2024)	09.11.2024	Department of General Medicine, AIIMS Raipur
6.	Medical Record Keeping	Internship Induction Programme	13.01.2025	AIIMS Raipur
7.	Approach to RA and it's management	Conference- Medicine Update 2025	01.03.2025	Department of General Medicine, Pandit JNM Medical College, Raipur
8.	Clinical Mimics of Lymphoma: A Rheumatologist's Perspective	State level conference on Diagnosis & Management of Lymphoma	18.03.2025	Department of Medical Oncology and Department of Clinical Hematology, AIIMS Raipur

ORAL PAPERS/POSTERS PRESENTED

S. No.	Authors	Title	Conference	Date	Organised by
1.	Girish AS,Pranita, Wasnik PN	A Perfect Disguise	Hematology conference(Hema Quest)	14.04.2024	Chhattisgarh hematology association
2.	Sangharsh, Wasnik PN, Pranita, Samanta J	A rare intersection: co-occurrence of overlap syndrome and Castleman's disease	Chhattisgarh Rheumatology Rendezvous-2024	25.08.2024	API - CG
3.	Bhagwat O, Samanta J, Meher J, Pandit VR	Stuck between lupus and a fungus - A mucormycosisdiale mma	Chhattisgarh Rheumatology Rendezvous 2024	25.08.2024	API-CG
4.	Parhate P, Wasnik PN, Pranita	Navigating Diagnostic Challenges in NORSE: Case Report on the Impact of Rapid Immunotherapy	Medicine Update 2025	09.11.2024	Department of Medicine, AIIMS Raipur
5.	Sangharsh,Wasnik PN,Pranita, Bodhey NK	When right is wrong: Story of AVC	Medicine update 2024	09.11.2024	Department of General Medicine AIIMS Raipur
6.	Kumari P, Wasnik PN, Pranita	An unusual neurological presentation of GBS: Typhoid	Medicine update 2024	09.11.2024	Department of General Medicine, AIIMS Raipur
7.	Mirabana M, Wasnik PN, Pranita	From Bone to Brain: Skull Osteomyelitis as the First Manifestation of HIV	Medicine Update 2024	09.11.2024	Department of General Medicine AIIMS Raipur
8.	Chokkakula PK, Wasnik PN, Pranita	Un'lock jaw- the journey of Tetanus	Medicine Update 2024	09.11.2024	Department of General Medicine AIIMS Raipur
9.	Vyshnavi G.L.S V , Vajpayee T	Navigating the diagnostic maze from uncharted territory	Medicine Update 2024	09.11.2024	Department of General Medicine AIIMS Raipur
10.	Girish AS, Siddiqui MS, Rokkam R, Kannauje PK	Sickle cell disease: A pandora box	Medicine update 2024	09.11.2024	Department of General Medicine AIIMS Raipur
11.	Madumitha S, Rokkam R	Riddle of recurring fevers- adult onset still disease revealed	Medicine update 2024	09.11.2024	Department of General Medicine AIIMS Raipur

S. No.	Authors	Title	Conference	Date	Organised by
12.	Paul S, Siddiqui MS, Rokkam R	Exploring polycythemia's terrain: Insights from infarct's domain	Medicine update 2024	09.11.2024	Department of General Medicine AIIMS Raipur
13.	Sneha B, Samanta J	A clinical conundrum of unexplained type 2 respiratory failure	Medicine update 2024	09.11.2024	Department of General Medicine AIIMS Raipur
14.	Ansari MW, Siddiqui MS, Saravana S	Beyond dryness: The Intricate Dance of polyradiculopathy and Sjogren disease	Medicine update 2024	09.11.2024	Department of General Medicine AIIMS Raipur
15.	Sharma B, Siddiqui MS, Rokkam R	From pain to peril- understanding bee sting complications	Medicine update 2024	09.11.2024	Department of General Medicine AIIMS Raipur
16.	Banakal KS, Samanta J, Meher J, Pandit VR, Bala S	A case of recurrent anemia in sickle cell disease(Renal limited PR3 ANCA associated vasculitis with delayed hemolytic transfusion reaction)	IRACON 2024	26.11.2024	Indian Rheumatology Association (IRA)
17.	Banakal KS, Samanta J, Meher J, Pandit VR , Chauhan RS, Kathrani N	A mysterious case of neck swelling(Isolated carotid vasculitis)	IRACON 2024	26.11.2024	Indian Rheumatology Association (IRA0
18.	Vyshnavi G.L.S.V , Ghosh A	Phosphate Heist : The Endocrine puzzle of TIO	COCECON 2024	14.12.2024	Department of Endocrinology ,AIIMS,Raipur
19.	Girish AS, Siddiqui MS, Rokkam R, Kannauje PK	Diseases don't read medical books	CODECON	14.12.2024	Chhattisgarh obesity diabetes and endocrinology society
20.	Madumitha S, Ghosh A, Vaishnavi S	A novel association of adrenal insuffiency in endocrine syndrome.- expanding the clinical spectrum	CODECON	14.12.2024	Chhattisgarh obesity diabetes and endocrinology society

S. No.	Authors	Title	Conference	Date	Organised by
21.	Ansari MW, Chandrappriyan TS, Siddiqui MS, Rokkam R, Meher J, Somani A, Pati SK	Mild cognitive impairment in patients with type 2 diabetes mellitus and its correlation with HbA1c Levels and Carotid artery hemodynamics - A cross sectional study in a tertiary care hospital	RSSDI 2024	22.12.2024	RSSDI
22.	Girish AS, Samanta J, Meher J, Pandit VR	If it happens once it's a coincidence, if it happens twice it's a pattern	APICON 2025	24.01.2025	Association of physicians of India
23.	Madumitha S, Siddiqui MS, Rokkam R, Kannauje PK	aHUS Unmasked: The Renal TMA Enigma	APICON 2025	24.01.2025	Association of physicians of India
24.	Vyshnavi G.L.S.V, Wasnik PN, Pranita	From Shadows to Clarity: Diagnosing the Chameleon of Rheumatology	APICON 2025	26.01.2025	Association of physicians of India
25.	Mirabana M, Wasnik PN, Pranita	A wolf in sheeps clothing- unmasking a case of refractory vomiting	APICON 2025	26.01.2025	Association of physicians of India
26.	Banakal KS, Samanta J, Meher J, Pandit VR	The Imitation Game- Medium related vasculitis with TB	Rheumatology update	22-23.02.2025	Department of General Medicine, AIIMS Raipur.
27.	Shreya, Samanta J, Meher J, Pandit VR	Persistent lymphadenopathy: A decade of diagnostic dilemma	Rheumatology update	22-23.02.2025	Department of General Medicine, AIIMS Raipur
28.	Girish AS, Siddiqui MS, Samanta J, Saravana S	A Tearless Tragedy	Rheumatology update	22-23.02.2025	Department of General Medicine, AIIMS Raipur
29.	Sangharsh,Wasnik PN,Pranita, Bodhey NK	Takayasu arteritis with IgA nephropathy: coincidence or shared immunopathogenic pathway?	National symposium in Rheumatology 2025	22-23.02.2025	Department of General Medicine, AIIMS Raipur

S. No.	Authors	Title	Conference	Date	Organised by
30.	Madumitha S, Saravana S, Samanta J	The quiet storm : stroke seizures and cognitive changes unfolding the autoimmune syndrome	Rheumatology update	22-23.02.2025	Department of General Medicine, AIIMS Raipur
31.	Kumari P, Wasnik PN, Pranita, Samanta J	A rare case of dual autoimmunity: NMOSD and SLE	Rheumatology update	22-23.02.2025	Department of General Medicine, AIIMS Raipur
32.	Paul S, Siddiqui MS, Rokkam R, Girish AS	The Maladies of managing secondary ITP in SLE	Rheumatology update	22-23.02.2025	Department of General Medicine, AIIMS Raipur
33.	Sneha B, Saravana S	Unmasking neurosarcoidosis - "a diagnostic challenge in neuroinflammatory syndromes	Rheumatology update	22-23.02.2025	Department of General Medicine, AIIMS Raipur
34.	Ansari MW, Siddiqui MS, Rokkam R	"When Lupus Strikes The Medium Vessel " An uncommon presentation of Lupus with medium vessel vasculitis	Rheumatology update	22-23.02.2025	Department of General Medicine, AIIMS Raipur
35.	Bhagwat O, Samanta J, Meher J, Pandit VR	Beyond the first impressions - the story behind misleading spleen	Rheumatology update 2025	22-23.02.2025	Department of General Medicine, AIIMS Raipur
36.	Chokkakula PK, Wasnik PN, Pranita	Cardiac chaos - the enigma of Arrhythmogenic ventricular cardiomyopathy	Medicine update 2025	01.03.2025	Pt JNM medical College and Dr. BRAM Hospital, Raipur
37.	Girish AS , Siddiqui MS, Kannauje PK , Agrawal N	Clinico etiologic profile of patient presenting the non traumatic altered sensorium in a tertiary care	Medicine update	01.03.2025	Pt JNM medical College and Dr. BRAM Hospital, Raipur
38.	Paul S, Siddiqui MS, Rokkam R	The wolf in sheep's clothing - SSPE masquerading as Eclampsia	Medicine update	01.03.2025	Pt JNM medical College and Dr. BRAM Hospital, Raipur

S. No.	Authors	Title	Conference	Date	Organised by
39.	Madumitha S, Rokkam R	the mystery of eosinophilia	Medicine update	01.03.2025	Pt JNM medical College and Dr. BRAM Hospital, Raipur
40.	Ansari MW, Chandrappriyan T S, Siddiqui MS, Rokkam R, Meher J, Somani A, Pati SK	Mild cognitive impairment in patients with type 2 diabetes mellitus and its correlation with HbA1c Levels and Carotid artery hemodynamics - A cross sectional study in a tertiary care hospital	International Diabetes Summit 2025	09.03.2025	Chellaram Diabetes Institute
41.	Parhate P, Wasnik PN, Pranita	Autoimmune Tangle	Shakti Medicon	09.03.2025	Group of Female Physicians of Nagpur
42.	Sharma B, Siddiqui MS, Rokkam R	From headache to Diagnosis- Unmasking vasculitic neuropathy with Polyneuritis Cranialis	Medicine Conference 2025	26.03.2025	AIIMS Bhubaneswar,
43.	Paul S, Siddiqui MS, Rokkam R	The wolf in sheep's clothing - SSPE masquerading as Eclampsia	Medicine Conference 2025	26.03.2025	AIIMS Bhubaneswar

RESEARCH
Funded Project
Ongoing

S. No.	Project	Principal Investigator	Funding Agency	Duration (years)	Start year-End year	Total funds sanctioned (Rs.)
1.	HTA of National Stroke Care Registry Programme- Development of hospital-Based Stroke Registries (HBSR) in different regions of India	Prof. (Dr.) Vinay R. Pandit	ICMR – NCDIR	6 Years	2021-2026	25 Lacs

S. No.	Project	Principal Investigator	Funding Agency	Duration (years)	Start year-End year	Total funds sanctioned (Rs.)
2.	Multi Center Randomized Double Blinded Study to evaluate Efficacy, Safety and Tolerability of IMU 838 Versus Placebo in adults with Relapsing Multiple Sclerosis (ENSURE 2)	Prof. (Dr.) Vinay R. Pandit	Immunic Therapeutics	3 Years	2022-25	50,000/-
3.	A Master Protocol to Investigate the Efficacy and Safety of LY3437943 Once Weekly in Participants with Type 2 Diabetes Mellitus who have Obesity or Overweight: A Randomized, Double-Blind, Placebo-Controlled Trial (TRIUMPH-2)	Dr. Md Sabah Siddiqui	Eily-Lilly	2 years	2023-2025	50 lacs
4.	Training of Assistant Medical Officers on Comprehensive Primary Care (CPHC) under Health and Wellness Centers (HWCs).	Dr. Md Sabah Siddiqui	SHRC	3 years	2022-2025	5 Lacs
5.	Impact of Medical officer training in improving health outcomes of in CG State	Dr. Md Sabah Siddiqui	SHRC	5 years	2022-2027	81 Lacs
6.	A prospective, open-label, randomized, comparative clinical trial to assess the efficacy and safety of a novel Methylcobalamin Nasal Spray (NASO B12) or oral B12 supplementation in the treatment of subjects with vitamin B12 deficiency as well as to evaluate the duration of efficacy	Dr. Md Sabah Siddiqui	Investigator initiated research, funding by IPCA Labs	6 months	2024	50000/-
7.	A global phase 3,randomised, double-blind and placebo-controlled study evaluating the efficacy and safety of etavopivat in adolescents and adults with sickle cell disease	Dr Pankaj kumarKannauje	Novo nordisk	4 years	04.10.2024	10 Lacs

S. No.	Project	Principal Investigator	Funding Agency	Duration (years)	Start year-End year	Total funds sanctioned (Rs.)
8.	A multicentre trial evaluating the efficacy and safety of oral decitabine-tetrahydrouridine (NDec) in patients with sickle cell disease.	Dr Pankaj kumar Kannauje	Novo nordisk	01 year	2024-2025	5 Lacs
9.	Small non-coding circulatory microRNA:A tool for optimizing laboratory confirmed sepsis diagnosis	Dr. Pranita	Chhattisgarh Council of Science and Technology	02 years	2025-2026	4,80,000
10.	Optimal strategy for Cardiovascular risk assessment in Spondyloarthritis : A comparative analysis between traditional cardiovascular risk score (QRISK3 score) versus traditional risk score supplemented with either Carotid ultrasound or Coronary CT angiography	Dr. Joydeep Samanta	Intra-Mural Fund-AIIMS Raipur	02 years	2023-2025	5 Lacs
11.	An Adaptive Phase 2a/2b, Randomized, Double-Blind, Placebo-Controlled Study of LY3871801 in Adult Participants with Moderately-to-Severely Active Rheumatoid Arthritis.	Dr. Joydeep Samanta	Eli Lilly and Company	01 year	2024	1 Lac

Completed

S. No.	Project	Principal Investigator	Funding Agency	Duration (years)	Start year-End year	Total funds sanctioned (Rs.)
1.	Assessment of individual and health system factors for cardiovascular disease risk reduction at diverse regions and facilities in India-A cross sectional study.	Prof. (Dr.) Vinay R. Pandit	St.Johns-ICMR	3 months	November 2024-January 2025	30,000

S. No.	Project	Principal Investigator	Funding Agency	Duration (years)	Start year-End year	Total funds sanctioned (Rs.)
2.	Study of correlation between serum copper, serum zinc, copper-zinc ratio, and disease severity scores in sickle cell disease patients	Dr. Preetam Wasnik	AIIMS Raipur	01 year	2021-22	Rs.4.72 Lacs
3.	Effect of covid-19 vaccine on thrombotic events among 18-45. Year old population in India,2022: a multicentric hospital based matched case controlled study.	Dr Pankaj kumar Kannauje	ICMR	01 years	2023-24	5 Lacs
4.	Role of alpha and beta cell secretory function in predicting hypoglycaemia in participants with diabetes mellitus- a hospital based pilot study	Dr. Rohini Rokkam	AIIMS Raipur	1.5 years	2023-2025	4,99,936

Departmental Projects – Non-Funded Projects/ ICMR-STS Projects/ Thesis/Dissertations

Ongoing

S. No.	Project
1.	A prospective study of serum ferritin as a prognostic marker of Sepsis
2.	Clinical spectrum of hepatobiliary manifestations in sickle cell anaemia patients
3.	A comparison of platelet indices among Diabetic and non diabetic-a case control study
4.	The Spectrum of Connective tissue disease related interstitial lung disease in a tertiary care center in central India
5.	Assessment of cardiac autonomic dysfunction in non diabetic chronic kidney disease patients
6.	Daily versus alternate day dosing of oral Ferrous sulphate in patients of iron deficiency anemia: A Randomized open-label,Pilot study"
7.	"Clinico-epidemiological-profile and in-hospital outcome of cerebral venous sinus thrombosis at AIIMS Raipur- Ambispective Observational Study"
8.	Clinical presentations and outcome of Guillain Barre syndrome in tertiary care centre in Raipur: an ambispective-observational study
9.	Clinical profile of patients presenting with neurological manifestations in cases of Systemic Lupus Erythematosus in a Tertiary Care Center In Central India
10.	Outcome of patients with acute live failure and acute on liver failure undergoing plasma exchange
11.	Aortic root involvement in Ankylosing spondylitis case control study

S. No.	Project
12.	Acute glycemic variability and it's correlation with outcomes among sepsis patients: A prospective observational study
13.	Correlation of Fetal Haemoglobin and Disease Severity in Adults with Sickle Cell Anemia (Homozygous Hemoglobin SS) in steady state- A Cross-sectional study.
14.	Prevalence of peripheral arterial disease in patients with acute coronary syndrome
15.	Spectrum of liver dysfunction and its association with disease severity in dengue in a tertiary care center- A PROSPECTIVE STUDY.
16.	Role of Serum triglyceride, LDH, IL-6 in predicting the outcome in ARDS patients.
17.	Arrthymias in acute coronary syndrome and its correlation with serum electrolytes: a prospective observational study
18.	Spectrum of splenic changes in sickle cell homozygous state (HbSS) and it's correlation with foetalhaemoglobin at a tertiary care centre: a cross sectional observational study.
19.	Spectrum Of Urinary Tract Infections In Diabetic Patients Hospitalised In A Tertiary Care Centre: A Prospective Observational Study
20.	Clinico-Etiological profile of Anemia In Heart Failure
21.	Clinico-etiological profile of pleural effusion in patients with chronic kidney disease (CKD) in a tertiary health care centre: A Prospective observational study
22.	Comparison of serum magnesium levels among Type 2 Diabetics with and without Microvascular complications : A Cross Sectional study
23.	Correlation of Nail Fold Capillaroscopic Findings with Cardiovascular Risk Score in Patients with Rheumatoid Arthritis
24.	Clinical profile of hospitalised sickle cell homozygous state (HbSS) patients and their outcomes at a tertiary care centre: A cross sectional observational study
25.	Association of Metabolic Dysfunction-Associated Steatotic Liver Disease (MASLD)/Non-Alcoholic Fatty Liver Disease (NAFLD) with Diabetes Mellitus : A Prospective Observational Study
26.	Clinical Features and Outcomes of Central Nervous System Tuberculosis in adolescents and adults in Central India
27.	Risk factors and etiology of stroke in young presenting to tertiary care centre in central india
28.	Prevalence of Methotrexate intolerance in Rheumatoid arthritis in central India and variousfactors affecting intolerance
29.	Prevalence of thyroid dysfunction in elderly and its clinico etiological profile - A cross sectional observational study
30.	Clinico-epidemiological spectrum of candidedimia in patient with sepsis in intensive care unit : A ptospective observational study.
31.	Spectrum of Infection in Hospitalized Diabetes Mellitus Patients
32.	Comparison of parenteral to oral split-dose methotrexate in terms of efficacy and intra cellular methotrexate polyglutamate levels- A Randomized controlled trial.
33.	Optimal strategy for cardiovascular risk assessment in Spondyloarthritis: A comparative analysis between traditional cardiovascular risk score (QRISK3 score), Carotid ultrasound and Coronary CT angiography
34.	Clinico-etiological profile of patients presenting in the emergency department with non-traumatic altered sensorium and admitted to tertiary care centre

S. No.	Project
35.	Clinical profile of Leptospirosis -Medical education project
36.	Clinical Features and Outcomes of Central Nervous System Tuberculosis in adolescents and adults in Central India
37.	Incidence of Cardiac Arrhythmias and Conduction Abnormalities in Acute Coronary Syndrome within first 7 days of hospitalisation and correlation with serum electrolyte levels
38.	Macrophage Activation Syndrome in Indian Patients with Systemic Lupus Erythematosus: Clinical Features, Laboratory Abnormalities and Treatment Outcomes

Completed

S. No.	Project
1.	To assess the knowledge, Attitude and practice of diabetic patients towards foot care and to study the clinic-epidemiological profile of diabetic foot disease.
2.	A Cross sectional study on spectrum of renal involvement among Sickle cell anemia patients at AIIMS Raipur"
3.	Clinical Radiological Profile of Acute Ischemic Stroke with Special Emphasis on Pre Hospital Factors Affecting Thrombolytic Therapy in a Tertiary care Centre in central India
4.	Fatty liver in Rheumatoid arthritis
5.	To study the correlation of hyponatremia with disease activity in SLE
6.	Clinico-etiological profile of patients presenting in the emergency department with non-traumatic altered sensorium and outcome of those patients during hospitalization
7.	Clinical profile of Scrub typhus in a tertiary care center in Central India
8.	Prevalence of Insulin Resistance and Metabolic Syndrome in Rheumatoid Arthritis and Axial Spondyloarthritis
9.	An ambispective study on spectrum of infections in hospitalised sickle cell patients
10.	Prevalence of Group B Streptococcal Colonization of the Genital Tract of the Pregnant Women Presenting To A Tertiary Care In Central India And Its Relation To Neonatal Outcomes: A Prospective Observational Study
11.	Hospitalization Events among Adolescents and Adults with Sickle Cell Disease inAIIMS Raipur (2021-22)
12.	Role of IL-17 in AS, ReA, UA
13.	Ambispective study on the spectrum, of infections in hospitalized sickle cell patients in a tertiary care centre
14.	Clinical features and epidemiology of cases presenting with Pancytopenia in a tertiary care centre in Central India

Collaborative Projects

Ongoing

S. No.	Project	Collaborating Department/Institution
1.	Study of clinical profiling and genetic risk factors for vaso-occlusive crisis in sickle cell disease: A multicentric case-control study.	Departmentof Biochemistry, AIIMS Raipur
2.	Investigate the significance of circulating erythroid progenitor cell count and VEGFR-2 expression as potential progressive vascular markers for sickle cell disease in the Department of Biochemistry at AIIMS, Raipur.	Department of Biochemistry, AIIMS Raipur
3.	Non-Invasive Screening of Haemoglobin for Anaemia "Device (NISHAD)" as a Point of Care Test: A pilot study	Departmentof Physiology AIIMS Raipur
4.	Comparison of parenteral to oral split-dose methotrexate in Rheumatoid Arthritis in terms of efficacy and intracellular methotrexate polyglutamate levels – A randomized controlled trial	PGIMER Chandigarh, AIIMS New Delhi, SGPGI Lucknow, St John's Medical College Bengaluru
5.	Development and evaluation of an isothermal assay for Scrub typhus	Department of Microbiology, AIIMS Raipur
6.	Role of mi-RNA 145 in Systemic Lupus erythematosus	Department of Biochemistry AIIMS, Raipur
7.	Role of Magnesium in critically ill patients.	Department of Anesthesia AIIMS, Raipur
8.	Association of MTHFR A1298C and C677T polymorphism with disease severity and methotrexate response in Rheumatoid arthritis patients	Department of Biochemistry AIIMS, Raipur
9.	Capacity building and Framework development for SARI burden estimation and forecasting in India: A ICMR NIE coordinated CDC funded project	Department of community and Family Medicine

Completed

S. No.	Project	Collaborating Department/Institution
1.	Non-invasive detection and grading of anemia based on smartphone photography both in the fingernail bed and palpebral conjunctiva (IIIT Raipur 2020-21)	IIIT Raipur
2.	A prospective open label post-marketing clinical follow-up study aims to assess the safety, performance and user acceptance of the 48 hours TraxIt Cholesteric LiquidCrystal (CLC) Skin patch thermometer in a real world clinical setting	Department of Pediatrics, AIIMS Raipur

PUBLICATIONS

1. Ghosal S, Das D, Udutalapally V, Sridhar S, Basha SM, **Wasnik PN**. Deep Vitals: Deep neural and IoT based vitals monitoring in smart teleconsultation system. Internet of Things. 2024; 10:101117.
2. Chandrakar D, Patel S, **Wasnik PN**, Mohapatra E, Nanda R, Shah S, Gupta DL. Effect of Unmetabolized Folic Acid on Immunoinflammatory Markers in Sickle Cell Disease Patients Taking Folic Acid Supplementation. Indian Journal of Clinical Biochemistry. 2024;20:1-8.
3. Priyan IG, Wasnik P, Kannauje PK, Das P, Singh S, Patel S. Electrocardiographic Changes and Their Association With Disease Severity in Adults With Sickle Cell Anemia at a Tertiary Care Center: A Cross-Sectional Study. Cureus. 2024 May 13;16(5):e60197.
4. **Wasnik P**, Das P, Kumar A, et al. Hospitalization Events Among Adolescents and Adults with Sickle Cell Disease in a Tertiary Care Center in Central India. Cureus 2024;16(5): e61185.
5. **Wasnik PN**, Patel S, **Kannauje PK**, et al.Association of Copper, Zinc, Copper-to-zinc ratio and Disease Severity Scores in Sickle Cell Anemia: An Observational Analytical Study. J Assoc Physicians India2024;72(12): e12–e16.
6. Badole P, Singh J, **Wasnik PN**, **Rokkam R**. Typhoid fever presenting as neuropsychiatric oddities: A case report: Asian Pacific Journal of Tropical Medicine 2024; 17(6): 281-284.
7. Gupta DL, **Meher J**, Giri AK, Shukla AK, Mohapatra E, Ruikar MM, Rao DN. RBD mutations at the residues K417, E484, N501 reduced immunoreactivity with antisera from vaccinated and COVID-19 recovered patients. Drug Target Insights. 2024 May 31;18:20-26.
8. Verma S, Nanda R, Shah S, **Meher J**, Rathore V, Patel S, et al. Evaluation of lipid profile in systemic lupus erythematosus and relation with interleukin-10. J Lab Physicians. 2024;16:379-86.
9. Verma S, Shah S, Nanda R, **Meher J,** Rathore V, Patel S, Mohapatra E. Exploring the Role of Th10 Cells and IL-10 in Systemic Lupus Erythematosus. Cureus. 2024 Jul 5;16(7):e63875.
10. **Samanta J**, Samaria SK**, Meher J**, **Pandit VR**. Arthritis mutilans in polyarticular JIA. Rheumatology (Oxford). 2024 Jan 4;63(1):e28.
11. Behera AK, Kumar V, Sharma P, Ganga R, **Meher J**, Pati S, Sinha K. Antifibrotics in the Management of Rheumatoid Arthritis-Associated Interstitial Lung Disease: Prospective Real-World Experience From an Interstitial Lung Disease Clinic in India. Cureus. 2024 Jun 30;16(6):e63518.
12. Keche Y, Gaikwad NR, **Wasnik PN**, Nagpure K, **Siddiqui MS**, Joshi A, Dhaneria S, Dewangan G, **Meher J**, **Das P**. Analysis of Drugs Prescribed to Elderly Patients in a Tertiary Health Care Center in Raipur, Central India: An Observational Study. Cureus. 2024 Jan 23;16(1):e52770.
13. Singh A, Gupta D, Kannauje PK, Agrawal AK. Trial Sequential Analysis and Meta-Analysis of Olanzapine in Pediatric Patients for Chemotherapy-Induced Nausea and Vomiting (CINV). Hosp Pharm. 2024 Aug;59(4):415-426.
14. **Pranita**, Kumar A. Artificial Intelligence in Elderly Healthcare: New Hope and Consequences: Indian Journal of Geriatric Care. 2024; 13(2): 59-61.
15. Das A, **Rokkam R**, Panda S. Bartter Syndrome With Recurrent Hypokalemic Periodic Paralysis: A Case Report. Cureus. 2024 Oct 25;16(10):e72406.
16. Badole P, Singh J, **Rokkam R**. Intentional self-poisoning with a bioherbicide. Natl Med J India. 2024 May-Jun;37(3):170. doi: 10.25259/NMJI_220_2024. PMID: 39400000.
17. Badole P, **Pandit VR**, Singh J. Plasmodium Falciparum associated Rhabdomyolysis. Journal of Antimicrobial Stewardship Practices and Infectious diseases. 2024;2(1):20–4.
18. Sharma S, Patel S**, Pandit V**, Tirunelvely N, Jondhale S, Patel M, et al. To Estimate the Coagulopathy Potential of Packed RBC Transfusions in Multi-Transfused Patients: A Prospective Cohort Study. Indian Journal of Hematology and Blood Transfusion. 2025;x: 1-9.
19. Biswal S, **Pandit VR**, **Meher J**, Gupta AK, **Rokkam R**. Clinical Significance of Platelet Indices (Mean Platelet Volume and Mean Platelet Volume-to-lymphocyte Ratio) in Acute Coronary Syndrome: A Hospital-based Observational Study. J Assoc Physicians India.

2024 Sep;72(9):43-48.

20. BadoleP,**Pandit VR**, Singh J,**Rokkam R,** Dwivedi T. Secreting Male Breast: A Clinical Oddity. Medical Journal of Dr. D.Y. Patil Vidyapeeth 2024;17(6):p 1255-1257.
21. **Samanta J**, Chattopadhyay A. Close Monitoring During Pregnancy is Critical to Improving Feto-maternal Outcomes in Takayasu Arteritis. Indian Journal of Rheumatology. 2024;19(2):91-92.
22. Dhooria A, Naidu GSRSNK, Misra DP, Pinto B, **Samanta J et al.** Indian Rheumatology Association guidelines for the management of ANCA associated vasculitis. Autoimmun Rev. 2024 Nov;23(11):103647.
23. Pathak NM, Pant K, Aggarwal J, **Samanta J**, Ganguly S, Rathore V. Complete renal response of IgA vasculitis with steroid and mycophenolate mofetil in an adult HIV patient. Trop Doct. 2025;55(1):60-61.
24. Koshy DI, **Samanta J**, **Meher J**, Gupta A, Bala S, **Pandit VR**. Digital Gangrene and Cutaneous Infarct in an Elderly Lady: A Diagnostic Conundrum. Indian Journal of Rheumatology. ePosters - Case Reports. Indian Journal of Rheumatology 18(Suppl 2): S276-S401.
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Chapter(s) in Books

Sl No.	Author (s)	Chapter Title	Editor	Book	Edition	City of Publication	Publisher	Year of Publication	First-Last Page
1.	Dr.Jhasaketan Meher	DMARDs - which one, when and how	RK Singhal, Atul Bhasin, RM Chhabra	Progress in Medicine.	Volume 35, 2025	New Delhi	Jaypee Brothers Medical Publishers	2025	617-620
2.	Dr. Pranita	Acute Febrile Illness in Elderly	A.K. Singh	Essentials of Geriatrics	1st	New Delhi	Hanns Publication	2024	124-132
3.	Dr.RohiniRokkam, Dr.PrashantBadole, Pranita, Dr. Ravina Mudalsha	Approach to a case of face and neck swelling in a smoker	Jyotirmoy Pal, Nandini Chatterjee	API Medicine A-Clinical Compendium	1st	New Delhi	Jaypee	2025	261-265

S. No.	Author (s)	Chapter Title	Editor	Book	Edit-ion	City of Publica-tion	Publi-sher	Year of Publica-tion	First-Last Page
4.	Dr.Joydeep Samanta	Sjogren's Syndrome: MSK, Lung and Kidney	Aman Sharma, Rohini Handa	Rheumatology Clinics: Connective Tissue Disease	1st	New Delhi	Evangel Publishing	2025	-

PATIENT CARE

OPD	IPD	SPECIAL CLINIC
108105	5685	4767

AWARDS, HONOURS AND SIGNIFICANT EVENTS

Prof. (Dr.) Vinay R. Pandit

1. Organizing chairperson Medicine update 2024-Addressing challenges across specialties organized by Department of General Medicine, AIIMS Raipur on 09.11.2024 and chaired scientific session "MAFLD – advances in management".
2. Organizing chairperson for Rheumatology update -2025 a National symposium in Rheumatology organized by Department of General Medicine, AIIMS Raipur on 22nd-23rd February 2025 and chaired scientific session on "Steroid friend or foe".
3. Organized Public outreach program on World Rabies Day: Breaking Rabies boundaries under Department of general medicine AIIMS Raipur on 28.09.2024.
4. Chaired the scientific session on "Coronary anatomy and coronary CT angiography" at "Cardiac imaging update" on 23-03-2025 organized by Department of Radiology at AIIMS Raipur.
5. Chaired a Scientific Session on "WHO classification on lymphoma" conference on Lymphoma organized by Department of Clinical Hematology & Medical Oncology, AIIMS Raipur on 18.03.2025.
6. Chaired a Scientific Session on "CKDu – Update" on "World Kidney Day 2025" organized by Department of Nephrology at AIIMS Raipur on 12.03.2025.
7. Chaired the scientific session on "Medical emergency in thyroid disorders" at Thyroid symposium organized by Department Of ENT, AIIMS, Raipur on 21.02.2025.
8. Chaired the scientific session on "Air way symposium – COPD, asthma" in "Pulmonary Medicine update- 2025" organized by Department of Pulmonary medicine at AIIMS Raipur on 09.03.2025.
9. Moderated panel discussion on "Common oncological emergencies – pearls and pitfalls" state level conference on oncology Organised by College of Nursing AIIMS Raipur on 14-02-2025.
10. Chaired the scientific session on "Cytogenetics and genetic counselling" in National CME "Cytogenetic, karyotyping, FISH" Organised by Dept of Anatomy, AIIIMS, Raipur on 13.01.2025.
11. Organizing committee member of CODECON 2024 conference by Chhattisgarh obesity diabetes and endocrinology society 9CODECON) on 15.12.2024. Moderated insulin symposium "Ultrarapid lispro insulin for postprandial glycaemic control" .
12. Participated as Faculty in the 80th Annual Conference of Association of Physicians of India (APICON) 23rd- 25th January 2025. Chaired scientific session on "Budd- Chiari Syndrome" and as a Judge for poster presentation.
13. Chaired the scientific session on "Bites and stings" at 10th National Conference pediatric emergency EMPART 2024,19th – 21st April 2024 at AIIMS Raipur Organized by Pediatrics department.
14. Chaired the scientific session on "Non

hematological causes for Splenomegaly" in 8th Annual National Conference of eastern hematology group (EHG) and Chhattisgarh Hematology Raipur on 12 to 14 April 2024.

15. Completed certification on 'Good Clinical Practice (GCP)" conducted by NIDA clinical network on 25.04.2024.
16. Chaired the scientific session on "Common errors and misconception in Cardiology Practice" Organised by Cardiological Society of India (CSI) chapter Chhattisgarh on 18th January 2025.
17. Moderated panel discussion on "Diabetes – A silent killer – challenges in Saving Vital Organs and Improving Quality of Life" World Diabetes Day CME Organised by College of Nursing AIIMS Raipur on 12.11.2024.

Dr. Md. Sabah Siddiqui

1. Invited to participate in ACLS BLS Workshop at Advanced Integrative Modern Medicine 2nd National Annual Conference of Medical Education and Research Foundation (MERF) on 09.06.2024.
2. Participated in ABG Workshop at CGAPICON 2024, Jagdalpur organized by API CG on 13.01.2024
3. Chaired a Scientific Sessionon Many Faces of "Cushing Syndrome" at CODECON,2024 organized by Chhattisgarh Obesity Diabetes & Endocrine Society on 15.12.2024
4. Organizing committee member for CG RSSDI CON 22.12.2024
5. Moderator for PANEL DISCUSSION – "Managing Hypertension in difficult Situations" at IMACGCON 2025 organized by IMA Chhattisgarh on 01.02.2025
6. Chaired a scientific session on "Whispers of Neglect: Rediscovering the Lesser-Cared Organs in ICU" in EPIC 2025 conducted on 02.02.2025
7. Moderator for Raipur Site for Expert talk by PGIMER, Chandigarh on "Vonoprazan Indian perspective" at GUTCON organized by Indian society of Gastroenterology on 08.02.2025.
8. Chaired a scientific session on-"Artificial intelligence", conducted workshop, and was Judge for poster presentation in Medicine Update 2025 organized on 1.03.2025 by Medicine Department, Pt. JN Medical College.
9. Invited to Participate in ACES organized by Department of Trauma & Emergency, AIIMS Raipur in collaboration with: Emergency Medicine Association of India (EMA) on 08.03.2025
10. Chaired a Scientific Session on "Management of DLBCL, Double Hit & Triple Hit lymphomas " in State-level conference on Lymphoma organized by Department of Clinical Hematology and Medical Oncology, AIIMS Raipur on 18.03.2025.

Dr. Preetam N. Wasnaik

1. Excellence in General Medicine award organized by Dainik Patrika group and 95 FM on 19 July 2019: Raipur, (Chhattisgarh)
2. Member of a working group on Pneumococcal vaccination for Sickle cell disease constituted by NTAGI (National Technical Advisory Group on Immunization.
3. Chaired a Scientific Session on "Interesting cases" in GI update 2024 organized by GI society Chhattisgarh on 19-5-2024.
4. Chaired a Scientific Session on "Sickle cell disease" in Medicine update 2024 organized by department of general medicine AIIMS, Raipur on 09.11.2024.
5. Chaired a Scientific Session on "Vericiguat in heart failure" in CSI Conference organized by CSI, Raipur on 19-01-2025.
6. Invited to participate in EPIC POCUS workshop organized by department of Anaesthesia, AIIMS,Raipur on 31-01-2025
7. Chaired a Scientific Session in rheumatology update CME 2025 on topic "Rheumatoid Arthritis" organized by department of general medicine, AIIMS, Raipur.
8. Chaired a Scientific Session on "AI in Medicine" in Medicine update 2025 organized by department of general medicine AIIMS, Raipur on 01-03-2025.
9. Chaired a Scientific Session on "Approach to Lymphoma" in Lymphoma conference 2025 organized by department ofmedical oncology & Department of Clinical Hematology AIIMS, Raipur on 18-03-2025.
10. Chaired a Scientific Session on "Management of tuberculosis" in NTEP 2025 organized by department of pulmonary medicine AIIMS, Raipur on 28-03-2025.

Dr. Pankaj Kumar Kannauje

1. ICMR Award - National COVID-19 Clinical Registry (NCRC)
2. Invited as speaker in sickle cell disease for global investigator meeting in Amsterdam
3. Poster presentation accepted for 5th global sickle congress in Abuja, Nigeria
4. Participated in CIDSCON, Hyderabad between 15-18 August 2024 organized by Infectious disease society of India.
5. Participated in National Hematology Update in September 2024 organized by Hematology

society of India.

6. Participated as a Chairperson in "Medicine Update 2024" – on 09-11-2024 at AIIMS Raipur
7. Participated as a Chairperson in "Chhattisgarh Rheumatology Update 2025" on 22.02.2025 to 23.02.2025 at AIIMS Raipur.
8. Participated as a Panelist in "management of sickle cell disease" at Unmukt National Sickle Cell Conference organized by NASCO between 20-21 September 2024.
9. Organizer of Public outreach program on World Rabies Day: Breaking Rabies boundaries under Department of general medicine AIIMS Raipur on 28.09.2024.

Dr. Jhasaketan Meher

1. Organizing secretary for Rheumatology update - 2025 a National symposium in Rheumatology organized by Department of General Medicine, AIIMS Raipur on 22nd-23rd February 2025.
2. Chairperson for the session 'Diagnostic Challenges of Spondyloarthritis' at the Chhattisgarh Rheumatology Rendezvous 2024, held on August 25, 2024.
3. Chairperson and Organizing Committee Member at Medicine Update 2024, conducted by the Department of General Medicine, AIIMS Raipur.
4. Chairperson at the 6th National Symposium on Pulmonary Medicine (Pulmonary Medicine Update 2025) during the ILD Symposium held on March 9, 2025.
5. Chairperson at the State-Level Conference on Lymphoma held on March 18, 2025, during the panel discussion on the management of paediatric non-Hodgkin lymphoma.
6. Received life membership of the Society of Antimicrobial Stewardship Practice in India (SASPI).
7. Received life membership of the Chhattisgarh Association of Physicians of India (CG API).
8. Poster judge in APICON 2025, Kolkata, 80th Annual Conference of Association of Physicians of India on 23-26th January 2025.

Dr. Pranita

1. Completed Certificate Course in Geriatric Medicine and Gerontology, from Geriatric Society of India (GSI).
2. Finished a Short Online course in Clinical Trials Essentials, St. John Research Institute, Bangalore.
3. Mastering Data Management and Analysis in MS Excel with AI.
4. Pursuing an online Postgraduate Diploma in Geriatric Medicine at CMC Vellore.
5. Participated in National Conference on World Patient Safety Day organized by Patient Safety Committee and ADR Monitoring Centre AIIMS Raipur on 17th September 2024.
6. Organizing secretary for Medicine update 2024-Addressing challenges across specialities organized by Department of General Medicine, AIIMS Raipur on 09.11.2024.

Dr. Rohini Rokkam

1. Organizing secretary for Medicine update 2024-Addressing challenges across specialities organized by Department of General Medicine, AIIMS Raipur on 09.11.2024.
2. Organizer of Public outreach program on World Rabies Day: Breaking Rabies boundaries under Department of General Medicine AIIMS Raipur on 28.09.2024.

Dr. Joydeep Samanta

1. Awarded "Patrika-MedEx group-Rheumatologist of the Year Award" by the honorable health minister of Chhattisgarh
2. Invited to be a member of the scientific committee for the 22nd International Vasculitis Workshop to be organized in Melbourne in 2026.
3. He Was the quizmaster for the state round of the S D Deodhar post-graduate rheumatology quiz organized by the Indian Rheumatology Association (IRA).
4. Participated as Judge for Oral Paper Presentation and Poster Presentation in Annual Conference of Indian Rheumatology Association-IRACON 2024 held on 22.11.2024 and 23.11.2024 by Indian Rheumatology Association (IRA).
5. Chaired a Scientific Session on "Lupus Nephritis: Approach, management and monitoring in CME-"Chhattisgarh Rheumatology Rendezvous 2024" organized by Association of Physicians (API), Chhattisgarh State Chapter on 25.08.2024.
6. Chaired a Scientific Session on "Management of Osteoporosis" in "CODECON 2024" conference organized by Chhattisgarh Obesity Diabetes and Endocrine Society (CODE) on 15.12.2024.
7. Chaired a Scientific Session on "Session on ILD" in Pulmonary Medicine Update 2025 organized by Department of Pulmonary, Critical care and Sleep Medicine, AIIMS Raipur on 09.03.2025.
8. Participated in debate on "Cyclophosphamide should be chosen over Rituximab in remission induction in ANCA associated vasculitis Speaking for the Motion" in Current Perspectives in Rheumatology 2025 organized by Department of Internal Medicine, PGIMER Chandigarh on 16.03.2025.

9. Organizing secretary for Rheumatology update - 2025 a National symposium in Rheumatology organized by Department of General Medicine, AIIMS Raipur on 22nd-23rd February 2025.

OTHERS

Dr. Pranita

1. Health camp for older adults at Badhte Kadam Vriddhashram at Avanti Vihar on 11.10. 2024 by Department of General Medicine along with Department of Psychiatry, AIIMS, Raipur.



Medicine Update 2024- Addressing challenges across specialties



National Symposium in Rheumatology-AIIMS Raipur Rheumatology update- 2025

Department of General Surgery

Professor & Head
Dr. Debajyoti Mohanty
Additional Professors
Dr. Tridip Dutta Baruah
Dr. Dharmendra Dugar
Associate Professors
Dr. Radhakrishna Ramchandani
Dr. Rubik Ray
Dr. Chetan Anand
Assistant Professor
Dr. Jeewan Verma

HIGHLIGHTS

The Department undertakes various open and laparoscopic surgical procedures and therapeutic endoscopic interventions. The specialty clinics of breast cancer and hepatobiliary disorders are held for the focused and timely intervention of patients. The Department caters to patients in need of both elective and emergency interventions. The Department runs a postgraduate course (MS General Surgery) and a PDCC course in breast surgeries. The Department organizes virtual and physical CMEs for faculty members and surgical residents. The Department faculties have a keen research interest and are involved in many extramural and intramural projects.

EDUCATION

The Department undertakes clinical teaching of undergraduate students for four semesters and didactic lectures for three semesters. During the clinical postings, the students observe the nuances of surgical care offered to patients in various work areas like OPD, the major and minor operation theatre and IPD. Internal assessments of the students are performed to evaluate the knowledge gained in clinical and theoretical aspects. The Department also organized a hands-on training program for its interns and residents to fine-tune their surgical skills.

Academic activities for postgraduate students are being conducted regularly (thrice every week) in the form of clinical case presentations, teaching of basic biostatistics, journal clubs, topic discussions, and surgical-pathological seminars.

CMEs/WORKSHOP/SYMPOSIA/NATIONAL & INTERNATIONAL CONFERENCES

S. No.	Title	CME/Conference	Date	Organized by
1.	Suturing and Knotting techniques	Basic Surgical skill workshop	19.04.2024	Department of General Surgery, AIIMS Raipur

S. No.	Title	CME/Conference	Date	Organized by
2.	Update on bugs and drugs for surgeons	Symposium	26.06.2024	Department of General Surgery, AIIMS Raipur
3.	Utility of Laparoscopic simulators	Surgical skill workshop	01.08.2024	Department of General Surgery, AIIMS Raipur
4.	Abdominal wall closure techniques	Surgical skill workshop	15.10.2024	Department of General Surgery, AIIMS Raipur
5.	Basic surgical Suturing techniques	Basic Surgical skill workshop	16.11.2024	Department of General Surgery, AIIMS Raipur
6.	Chronic and complex wound care	CME	21.11.2024	Department of General Surgery, AIIMS Raipur
7.	Basics of biostatistics	CME	01.03.2025	Department of General Surgery, AIIMS Raipur

LECTURES DELIVERED AT CMEs, NATIONAL & INTERNATIONAL CONFERENCES

Dr. Debajyoti Mohanty

S. No.	Title	CME/Conference	Date	Organized by
1.	Diaphragmatic hernia	CG ASICON 2025	23.02.2025	ASI, Chhattisgarh state chapter
2.	Laparoscopic adrenalectomy: steps and tips	OSASICON 2024	16.11.2024	AIIMS Bhubaneswar
3.	The common oncological emergencies: the pearls and pitfalls	State level nursing conference	14.02.2025	AIIMS Raipur
4.	Evaluation and preoperative preparation for obstructive jaundice	CME of Surgery	03.09.2024	AIIMS New Delhi
5.	Ventral hernia repair with other clean contaminated surgeries- what is the evidence?	Ventral hernia conclave	01.03.2025	AIIMS Bhubaneswar
6.	Personal protective equipment	HICC Workshop	09.04.2024	AIIMS Raipur

Dr. Tridip Dutta Baruah

S. No.	Title	CME/Conference	Date	Organized by
1.	Basic surgical suturing kill	Surgical skill workshop	16.11.2024	AIIMS Raipur

Dr. Radhakrishna Ramchandani

S. No.	Title	CME/Conference	Date	Organized by
1.	Modified Radical mastectomy- Still a major life saving option	OSASICON 2024	16.11.2024	AIIMS Bhubaneswar

Dr. Chetan Anand

S. No.	Title	CME/Conference	Date	Organized by
1.	Handling IPD patients	Internship induction program	15.01.2025	AIIMS Raipur

ORAL PAPERS/POSTERS PRESENTED

S. No.	Authors	Title	Conference	Date	Organised by
1.	Ghosh S, Ray R, Baruah TD	Double Superior mesenteric Vein: A rare anatomic variation (First Prize)	CG ASICON 2025	22-23.02.2025	ASI, Chhattisgarh state chapter
2.	Patel P, Paul S, Baruah TD, Ray R, Gupta A, Chauhan R	Primary hepatic Neuroendocrine tumors: A rare hepatic malignancy (First Prize)	CG ASICON 2025	22-23.02.2025	ASI, Chhattisgarh state chapter
3.	Agarwal M, Ray R, Baruah TD	Beyond the Groin Bulge: Mesenteric cyst as Inguinal Hernia, rare case report	CG ASICON 2025	22-23.02.2025	ASI, Chhattisgarh state chapter
4.	Behera P, Ray R, Baruah TD	Rare case of Far Migrated IUD with Abdominal pain	CG ASICON 2025	22-23.02.2025	ASI, Chhattisgarh state chapter
5.	Waghmare H, Ray R, Baruah TD	Simultaneous choledochal cyst excision and pancreaticojejunostomy for choledochal cyst and chronic calcific pancreatitis: a case report	CG ASICON 2025	22-23.02.2025	ASI, Chhattisgarh state chapter
6.	Prudhvi A, Ray R, Baruah TD	From Diagnosis to recovery- Managing Mesh Infection in Post Laparoscopic Hernia Repair	CG ASICON 2025	22-23.02.2025	ASI, Chhattisgarh state chapter

S. No.	Authors	Title	Conference	Date	Organised by
7.	Jangid KC, Dugar D, Mohanty D	The incidence, predictive factors and postoperative morbidity of intra-operative gallbladder perforation in elective laparoscopic cholecystectomy: a prospective observational study	AMASICON 2024	August 2024	Balaji Hospital
8.	Toppo S, Ramchandani R	Primary eccrine porocarcinoma in male breast	CG ASICON 2025	22-23 .02.2025	ASI, Chhattisgarh state chapter
9.	Toppo S, Ramchandani R	Year in review in breast cancer: Primary eccrine porocarcinoma in male breast	AIIMS Delhi breast update	02.03.2025	AIIMS Delhi
10.	Jaiswal K, Dugar D, Mohanty D	Inverse jejunojejunal intussusception along with jejunogastric intussusception: a rare clinical entity	CG ASICON 2025	22-23 .02.2025	ASI, Chhattisgarh state chapter
11.	Upadhyay V, Ray R, Baruah TD	Pancreatic pseudoaneurysms: a case series	AMASICON 2024	August 2024	Balaji Hospital
12.	Arif S, Dugar D, Mohanty D	A case of chronic constipation decoded: Tale of a Tail Gut Cyst	CG ASICON 2025	22-23 .02.2025	ASI, Chhattisgarh state chapter

RESEARCH
Funded Project
Ongoing

S. No.	Project	Principal Investigator	Funding Agency	Duration (years)	Start year-End year	Total funds sanctioned (Rs.)
1.	Global evaluation of cholecystectomy knowledge and outcomes (GECKO): A global prospective cohort study on cholecystectomy	Dr. Dharmendra Dugar (Hosptial lead)	NIHR (National institute of health research), Birmingham	01 year	2023-2024	NIL

Completed

S. No.	Project	Principal Investigator	Funding Agency	Duration (years)	Start year-End year	Total funds sanctioned (Rs.)
1.	National Clinical Registry of Covid-19	Dr. Tridip Dutta Baruah	ICMR	04 Years	Sept2020-Augt2024	Approx 1 crore, 14 Lakhs
2.	Hernias, Pathway and Planetary Outcomes for Inguinal Hernia Surgery [HIPPO TRIAL]	Dr. Dharmendra Dugar	NIHR (National institute of health research), Birmingham	01 year	21-04-2023 to 03-06-2024	

Departmental Projects – Non-Funded Projects/ ICMR-STS Projects/ Thesis/Dissertations

Ongoing

S. No.	Project
1.	The effect of peri-operative administration of tranexamic acid versus no tranexamic acid on drain output in patients undergoing modified radical mastectomy at AIIMS Raipur
2.	Comparison of wound outcome in subcutaneous negative suction drain versus subcutaneous corrugated rubber drain in closure of midline incision in emergency laparotomy for perforation peritonitis
3.	Comparative Assessment of of Surgical Site Infections in Lower limb amputations: A randomized controlled trial investigating its impact of drain utilization at AIIMS, Raipur
4.	Early versus delayed dressing removal in clean and clean contaminated surgical wounds: a randomized non-inferiority study
5.	Postoperative pain relief following 0.5% Bupivacaine irrigation of surgical bed after laparoscopic cholcystectomy- a double blind randomized controlled trial
6.	A randomized controlled trial to assess the effect of changing gloves immediately prior to mesh handling in reducing the surgical site infection rates among patients undergoing glove change versus patients in whom no such change has been undertaken during elective open mesh hernioplasty.
7.	Seroma Prevention after Modified Radical Mastectomy by Tranexamic Acid (SPaMTA)
8.	A Study of Upper Gastrointestinal Endoscopic Profile in Patients of Dyspepsia in Central India: A prospective observational Study
9.	The effect of early (< 48 hours) versus conventional (> 48 hours) peritoneal drain removal in reducing the overall postoperative morbidity in patients undergoing emergency laparotomy.
10.	Comparison of n-butyl 2-cyanoacrylate glue fixation versus conventional fixation of polypropylene mesh in patients undergoing Lichtenstein repair for inguinal hernia: A randomized controlled trial
11.	Drain Vs No Drain on Surgical site infection in below knee amputation in diabetics: A comparative study at AIIMS, Raipur
12.	BISAP versus APACHE II scoring system for severity assessment of acute pancreatitis: a comparative observational study at AIIMS Raipur
13.	Short term study to assess the risk of Deep vein thrombosis among patients admitted in general surgery wards of AIIMS Raipur: a prospective observational study
14.	Comparison of postoperative pain and short-term quality of life in patients undergoing hemorrhoidectomy by Milligan Morgan technique versus ligasure assisted technique: a randomized controlled trial

S. No.	Project
15.	Assessing the impact of intraoperative wound irrigation with normal saline on incisional surgical site infections in patients with abdominal incisional and laparotomy wounds when compared to no irrigation: a two arm parallel randomized controlled trial
16.	Comparison of full versus half suction drainage on post-operative drain output in patients undergoing modified radical mastectomy for breast cancer at AIIMS Raipur
17.	Continuous versus interrupted abdominal fascial closure in emergency midline laparotomies: a randomized control trial- COVINAC TRIAL
18.	A comparative study of single layer subcuticular barbed suture flap closure versus conventional double layer flap closure in modified radical mastectomy in carcinoma breast patients: a prospective randomized controlled trial

Completed

S. No.	Project
1.	Utility of D dimer and procalcitonin as an early predictive marker of severity of Acute pancreatitis
2.	Comparison of near versus far suture bite technique in the closure of midline incision with respect to the development of wound complications in patients undergoing emergency abdominal surgery: a pilot study
3.	Randomized control study on diabetic foot ulcers to compare wound healing between vacuum assisted closure dressing versus conventional dressing
4.	Qualitative study: Healthcare initiative to increase adherence and fidelity to the surgical safety checklist
5.	Comparison of Ryle's tube vs T tube for feeding jejunostomy in patients undergoing gastrointestinal surgery: An open label randomized controlled trial
6.	To study the clinic-epidemiological profile of the patients undergoing exploratory laparotomy for gastrointestinal perforation
7.	Comparison between single drain versus double drain following modified radical mastectomy for breast cancer patients admitted at AIIMS Raipur
8.	The incidence of intra-operative gallbladder perforation in patients undergoing laparoscopic cholecystectomy: a prospective observational study
9.	A study of estimation of the prevalence of fungal infection in diabetic limb infections- a prospective clinical study
10.	Evaluation of the prognostic factors in necrotizing soft tissue infections

Collaborative Projects

Ongoing

S. No.	Project	Collaborating Department/Institution
1.	Intensive glycemic control for diabetic foot ulcer healing: A multicentric randomizes controlled study.	AIIMS-Raipur, PGI Chandigarh, IPJMER Kolkata, Max Hospital New Delhi

S. No.	Project	Collaborating Department/Institution
2.	Implementation Research Associates for Patient Safety	AIIMS Mangalagiri , AIIMS Bhubaneswar
3.	The role of infrared thermometry in the management of diabetic foot osteomyelitis	Department of Endocrinology AIIMS Raipur
4.	DHR-ICMR Advanced Molecular Oncology Diagnostic services (DIAMOnDS) project	Department of Pathology and Laboratory medicine
5.	To study the role of Phosphoglycerate Mutase 1 (PGAM 1) and Arginosuccinate Synthase 1 (ASS 1) in breast cancer progression and their clinicopathological significance: An institutional experience.	Department of Pathology and Laboratory medicine

Completed

S. No.	Project	Collaborating Department/Institution
1.	MDCT and USG correlation in severity of acute pancreatitis	Department of Radiodiagnosis, AIIMS Raipur
2.	Understanding the role of miRNAs in modulating the cellular response of dendritic cells during post traumatic sepsis and septic shock	Department of Biochemistry, AIIMS Raipur

PUBLICATIONS

1. Dugar D, Mohanty D, Muhammed S. Combined rupture of the diaphragm and urinary bladder in blunt trauma abdomen. Prem J 2024. Jun 14; 28(2): 109-115.
2. Kote R, Ravina M, Goyal H, Mohanty D, Gupta R, Shukla AK, Reddy M, Prasanth PN. Role of textural and radiomic analysis parameters in predicting histopathological parameters of the tumour in breast cancer patients. Nucl Med Commun. 2024 Oct 1; 45 (10):835-847.
3. Samal S, Ramchandani R, Mohanty D. Comparison of intraoperative and postoperative outcomes with skin flaps raised using harmonic scalpel or electrocautery during modified radical mastectomy. Cureus. 2024 Jun 13; 16(6): e62320.
4. Ray R, Anand C, Baruah TD, Mohanty D, Manju R. Impact of Covid-19 Pandemic on Waitlisted Preoperative General Surgical Patients in a Tertiary Care Hospital in India -Problems and Probable Solutions: an Observational Study. Maedica (Bucur). 2024 Jun; 19(2):335-341.
5. NIHR Global Health Research Unit on Global Surgery. Access to and quality of elective care: a prospective cohort study using hernia surgery as a tracer condition in 83 countries. Lancet glob Health. 2024 Jul; 12 (7):e1094-e1103.
6. Nayak D, Ray R, Anand C, Baruah TD, Goyal A. Protocolized Foot Exercises Help in Improvement of Diabetic Foot Ulcers and Quality of Life When Added to Standard Therapy–A Randomized Clinical Trial. ***Int J Low Extrem Wounds***. 2024 Jul 21: 15347346241262591.
7. Gupta RK, Singh A, Nanda S, Mohanty D, Kashyap Y. Triple negative breast cancer: immunohistochemistry based sub-classification and correlation with clinic-demographic profile and survival in Indian patients. Ind J Surg Oncol. E pub December 2024.
8. Nayak P, Ramchandani S, Ramchandani R, Dey CK, Dubey R, Vijapurkar S. Comparison of analgesic efficacy of ultrasound guided PEC II block using Dexamethasone as an adjuvant to

Ropivacaine in patients undergoing modified radical mastectomy. Cureus.2024;16 (4):e58222

9. Vijapurkar S, Ramchandani S, Ramchandani R, Singha SK, Kumar M. Analgesic efficacy comparison between ultrasound guided erector spinae plane block and retrolaminar block in patients undergoing modified radical mastectomy: a randomized controlled trial. Cureus.2024;16 (12):e76124.
10. Ramchandani S, Ramchandani R, Jena R, Singh LK, Bhagtani S, Tripathy S, Pradhan PC. Clinical and laboratory profile of dengue fever in adult patients: a prospective observational study at a tertiary care center. Int J Med Pub Health. 2024 Oct 1;14(4):459-463.
11. Balji A, Ramchandani R, Ramchandani S, Chowhan A, Agarwal A, Kashyap Y. Assessment of clinicopathological response to neoadjuvant chemotherapy in patients diagnosed with locally advanced breast carcinoma. Cureus 2025; 17(4):e82057.
12. Global access to technologies to support safe and effective inguinal hernia surgery: prospective, international cohort study. Br J Surg. 2024 Jul 2;111(7):znae164

PATIENT CARE

OPD	IPD	Endoscopy Room	Major OT	Minor OT
459029	2765	2224	1592	890

Special Clinics:

Breast Clinic: Weekly once on Wednesday
Hepatobiliary Clinic: Weekly once on Friday

AWARDS, HONOURS AND SIGNIFICANT EVENTS

Dr. Debajyoti Mohanty

1. Appointed member of faculty selection board for General surgery at AIIMS, Guwahati, AIIMS Nagpur, and AIIMS Bhopal.
2. Faculty for postgraduate students in the ASI regional refresher course 2024 (ASI TYSA 2024) for central zone.
3. Faculty for ventral hernia conclave conducted by AIIMS Bhubaneswar on 28th February and 1st March 2024.
4. Faculty for online teaching program of DNB students in General Surgery conducted by NBE.
5. Appointed member of Board of Institute Ethical committee of Pt JNM Medical College, Raipur, Chhattisgarh.
6. Faculty for state annual conference of nurses on 14.02.224 at AIIMS Raipur.
7. Faculty for HICC workshop on 09.04.2024 and 04.12.2024 at AIIMS Raipur
8. Faculty for annual conference of association of surgeons (OSASICON 2024) at Bhubaneswar on 15-17th November 2024.
9. Faculty for postgraduate thesis evaluation of various INIs : AIIMS Patna, NBEMS
10. Resource person for EPIC-2025 held on 02.02.2025 at AIIMS Raipur.
11. Faculty for AIIMS New Delhi CME on 1st-5th September 2024.
12. Faculty member for creation of national PG level question bank by National board of examinations in medical sciences (NBEMS).
13. Assessment consultant for hospitals starting DNB General surgery course for accreditation with NBEMS

Dr. Radhakrishna Ramchandani

1. Faculty for annual conference of association of surgeons (OSASICON 2024) at Bhubaneswar on 15-17th November 2024
2. Faculty for AIIMS New Delhi CME on 1st-5th September 2024.

Dr. Tridip Dutta Baruah

1. Felicitation in recognition of the significant milestone and contribution to the 'National Clinical Registry for COVID-19 by Dr. Vinod Paul, Member-Niti Aayog, DG ICMR on August 2024 at the occasion Report Release and Dissemination Summit'
2. Faculty for basic surgical skill course for residents at AIIMS Raipur

Dr. Dharmendra Dugar

1. The incidence, predicative factors and post-operative morbidity of intra-operative G.B perforation in elective Laparoscopic Cholecystectomy: A prospective Observational study (Awarded best Thesis in National conference –AMASICON- August 2024)
2. Participated in the certification course on Upper G.I Endoscopy by Association of Surgeons of India June 2024
3. Participated in the certification course on Clinical Trials Essentials, St. John's Research Institute, June-2024
4. Participated in the certification course on Research Methodology AIIMS-Raipur August 2024
5. Participated in the certification course on Medical certification of Death, St. John's Research Institute, March 2025
6. Participated in National conference of Abdominal Wall reconstruction, 6-9 March 2025

Department of Medical Oncology

Assistant Professor & In-charge

Dr. Amit Kumar

HIGHLIGHTS

The Department is running Medical oncology OPD/IPD/Daycare/Referrals. The Department had organized a state level conference on lymphoma in collaboration with Hematology Department. The Department celebrated World Cancer day on 4th February by conducting an awareness programme in association with department of Hematology in our OPD premises.

EDUCATION

Oncology classes focusing on chemotherapy aspects conducted time to time in collaboration with other specialties i.e. General surgery, ENT/Head-neck surgery, Pulmonary medicine, Obstetrics-Gynaecology.

CMEs/WORKSHOP/SYMPOSIA/NATIONAL & INTERNATIONAL CONFERENCES

S. No.	Title	CME/Conference	Date	Organized by
1.	Conference on Lymphoma	State level Conference	18.03.25	Department of Medical oncology & Hematology

LECTURES DELIVERED AT CMEs, NATIONAL & INTERNATIONAL CONFERENCES

Dr. Amit Kumar

S. No.	Title	CME/Conference	Date	Organized by
1.	Approach by Hematologist: How to confirm Multiple Myeloma	8th Annual conference of EHG	13.04.2024	Chhattisgarh Hematology Association and EHG

S. No.	Title	CME/Conference	Date	Organized by
2.	CAR-T cell therapy: Current Practices	Medicine update 2024- Addressing challenges across specialities	09.11.2024	Department of General Medicine, AIIMS Raipur
3.	Role of systemic therapy in Thyroid cancer	CME on Thyroid cancer	21.02.2025	Department of ENT & Head Neck Surgery, AIIMS Raipur
4.	Management of treatment Resistant Lung cancer	Pulmonary Medicine Update-2025 6th national symposium on Pulmonary Medicine	08-09.03.2025	Department of Pulmonary medicine, AIIMS Raipur
5.	Management of DLBCL, Double Hit & Triple Hit lymphomas	State Level conference on lymphoma	18.03.2025	Department of Hematology& Medical Oncology, AIIMS Raipur

RESEARCH

Funded Project

Ongoing

S. No.	Project	Principal Investigator	Funding Agency	Duration (years)	Start year-End year	Total funds sanctioned (Rs.)
1.	To evaluate the effect of Yoga Therapy in management of Post –Operative Myofacial Pain in Breast Cancer Patient.	Dr. Amit Kumar	CCRYN	01 year	2024	130,000/-
2.	A multicentre, double blinded, randomized parallel-group, phase-3 study to compare efficacy and safety of the TCH-P (EU-Perjeta Vs Biosimilar PERT-IJS) in HR-ve, Her2 positive early stage or locally advanced breast cancer	Dr. Amit Kumar	Biocon biologics UK limited	2 years	13.12.2024	4,50,000 /- per patient

PUBLICATIONS

1. Aggarwal J, Kumar DJ, Rathore V, Mehta R, **Kumar A**, Ravina M. Acute Airway Obstruction: An Unusual Presentation of Posttransplant Lymphoproliferative Disorder in a Renal Transplant Recipient. Experimental and Clinical Transplantation. 2024 Apr 1;4:307-10.
2. Gupta RK, Rekhi B, Sharma MC, Ganga R, Ravina M, **Kumar A**, Sahu D. The BCOR-rearranged sarcoma involving the lung: Diagnosis with clinical outcome and literature review. Indian Journal of Pathology and Microbiology. 2024 Oct 1;67(4):865-9.

PATIENT CARE

OPD	IPD + Daycare
16703	5461

AWARDS, HONOURS AND SIGNIFICANT EVENTS

Dr. Amit Kumar moderated a panel discussion on Cancer of unknown primary in 2nd BMC Chhattisgarh annual Cancer conclave on 20.09.2024 at BALCO Medical Centre, Naya Raipur.

Department of Microbiology

Professor & Head

Dr. Anudita Bhargava

Professors

Dr. Padma Das

Dr. Archana Keche

Dr. Ujjwala Gaikwad

Dr. Sanjay Singh Negi

Associate Professor

Dr. Anubha Patel

Assistant Professors

Dr. Pragya Agarwala

Dr. Abhijit Kumar Prasad

Dr. Madhavi Madkey

HIGHLIGHTS

1. New Facilities

a.) Construction of a state of art BSL-3 lab in a stand- alone building started. The equipment required for this lab has been procured through HLL. The work order was given on 30th October 2024. The construction started in January 2025 and the equipment are received in Jan-Feb 2025.

b) VRDL, AIIMS Raipur, was selected among the five VRDLs of India to be upgraded for catering Bacterial, fungal and parasitic infections as well, in the first phase, in August 2024. This new facility named-IRDL (Infectious disease research and diagnostic laboratory), being granted to the department. Prof. Anudita Bhargava is the coordinating Nodal, along with Prof. Padma Das as PI of Bacteriology and Prof. Archana Keche as PI for Mycology and Parasitology.

c) The service laboratory for AIIMS Raipur patients is shifted from Medical College premises to Central Laboratory in D1 block of the Hospital building. The Serology section was shifted in September 2024 and Bacteriology and Mycology in February-March 2025.

2. NABL

a) The Mycobacteriology laboratory is already accredited by National TB Elimination Program to perform first- line and second-line Line Probe Assay for diagnosis of DR TB. The laboratory has also applied for the accreditation of Liquid culture and drug sensitivity testing facility by NTEP which will be completed soon. Preparations are under process for NABL accreditation of TB diagnostic facilities of the department.

b) The NABL accreditation of VRDL is under process. Internal Audit is being conducted and the application is being uploaded on NABL website, after paying the fees for it. Presently waiting for the external auditors.

EDUCATION

- Two more PhD students joined the department in July-August 2024.
- Four PhD students are already pursuing the course since 2024.
- One student joined the new course of PDCC (HIC-Hospital Infection Control), in July-August 2024.
- The department is actively engaged in imparting teaching to MD, PhD, PDCC (HIC), MBBS, B.Sc. Nursing, B.Sc. MLT, B.Sc. OT Technology and Trauma Technicians for both theory and practical aspects of Bacteriology/ Virology/ Mycology/ Parasitology/ Immunology and Clinical Microbiology.
- MD-Microbiology was awarded to six students-three in July 2024 and three in December 2024

CMEs/WORKSHOP/SYMPOSIA/NATIONAL & INTERNATIONAL CONFERENCES

S. No.	Title	CME/Conference	Date	Organized by
1.	A 5-Days National Hands- on workshop on Whole Genome Sequencing (WGS)	CME and Workshop	23-27.04.2024	State VRDL and Department of Microbiology, AIIMS Raipur
2.	HICC workshop for PG JRs and SRs (65 participants)	Workshop	09.04.2024	HICC, AIIMS Raipur
3.	HICC workshop for PG JRs and SRs (30 participants)	Workshop	04.12.2024	HICC, AIIMS Raipur
4.	HICC workshop for PG JRs and SRs (32 participants)	Workshop	05.12.2024	HICC, AIIMS Raipur
5.	HICC workshop for newly-joined Nursing Officers (30 participants)	Workshop	27.02.2025	HICC, AIIMS Raipur
6.	Local round of 6th National Integrated Antimicrobial Stewardship Quiz, ASPICON 2024	Quiz	06.04.2024	Dr. Ujjwala Gaikwad
7.	Hands on training for technical staff of TB laboratory, AIIMS Raipur and IRL Raipur on Liquid culture and DST of Mycobacterium tuberculosis through trainers from National Reference Laboratory, BHMRC Bhopal	Workshop	22-25.04.2024	Dr. Ujjwala Gaikwad
8.	Hands on workshop on “Infection Control Precautions” for MBBS students. (40 participants)	Workshop	16.11.2024	HICC, AIIMS Raipur
9.	A 5-day hands-on State-level Workshop for Laboratory Technicians of the CG government (posted in various DHs and Medical Colleges) on Laboratory Diagnosis of Viral Hepatitis Under National Viral Hepatitis Control Program	Workshop	25-29.03.2025	Department of Microbiology, AIIMSRaipur and NHM, CG

LECTURES DELIVERED AT CMEs, NATIONAL & INTERNATIONAL CONFERENCES

Dr. Anudita Bhargava

S. No.	Title	CME/Conference	Date	Organized by
1.	Impact of emerging Pathogens' in the	Vth Annual Conference of CG chapter of Indian Association of Medical Microbiologists-Chhattisgarh Association of Medical Microbiologists	21-22.09.2024	Balaji Medical College
2.	Influenza and other respiratory viruses	1st Annual Clinical Virology Summit, held at ILBS, New Delhi	08-09.10.2024	ILBS, New Delhi
3.	Anti-viral stewardship	Antimicrobial Stewardship – A call against Antibiotic Resistance'	11.01.2025	Apollo, Bilaspur

Dr. Padma Das

S. No.	Title	CME/Conference	Date	Organized by
1.	Current gaps in sepsis Immunology: New opportunities for translational research	CGMICROCON-2024 on "Harmonizing Microbial Insight: Uniting Strategies for Sepsis Management".	21-22.09.2024	Balaji Medical College
2.	Recent advances in laboratory diagnosis of sexually transmitted Infections	Odisha MICROCON-2024	28.09.2024	P.R.M. Medical College, Baripada
3.	Interesting Case Discussions: Bacteriology	State level CME on “Antimicrobial Stewardship- A call against antibiotic resistance”	11.01.2025	Apollo Hospital, Bilaspur
4.	Biomedical waste management: Relevance in patient safety	Patient Safety day		AIIMS, Raipur
5.	Role of Laboratory in AMR prevention: Current practices	Two-day sensitization workshop for containment of antimicrobial Resistance	26-27.11.2024	New Circuit House, Naya Raipur
6.	Blood culture collection	Typhoid Surveillance, WHO	06.3.2025	WHO

Dr. Archana Keche

S. No.	Title	CME/Conference	Date	Organized by
1.	Eosinophilic meningitis	18TH National conference Tropacon 2024 by Indian Academy Tropical Parasitology	12-15.09.2024	AIIMS Guwahati
2.	EQAS in Parasitology; serology component (Panel discussion)	18TH National conference Tropacon 2024 by Indian Academy Tropical Parasitology	12-15.09.2024	AIIMS Guwahati

S. No.	Title	CME/Conference	Date	Organized by
3.	Case scenarios: fungal infections in CME on Antimicrobial stewardship a call against antimicrobial resistance' held at.	CME on Antimicrobial stewardship	11.01.2025	Apollo Hospital Bilaspur

Dr. Ujjwala Gaikwad

S. No.	Title	CME/Conference	Date	Organized by
1.	Sterile barrier systems: CSSD process sorting, packing, sterilization & storage	Pre-conference workshop on "Infection Control Practices in CSSD" as a part of Global South Conference of Infection Prevention and Control Antimicrobial Stewardship (G-SPARC)	24.08.2024	Ramkrishna CARE hospitals, Raipur
2.	Comprehensive Hospital Infection Control Measures	World patient safety day celebration	17.09.2024	AIIMS Raipur
3.	Mycobacterium tuberculosis Who's That? How to Catch?	CME on Spine TB during World Spine day celebration	15.10.2024	AIIMS Raipur
4.	VAE surveillance	Certificate course in Infection Prevention and Control	12.02.2025	AIIMS Nagpur
5.	Laboratory Diagnosis of Tuberculosis under NTEP	World TB Day celebration	28.03.2025	AIIMS Nagpur

Dr. Sanjay Singh Negi

S. No.	Title	CME/Conference	Date	Organized by
1.	HPV molecular detection and update	16th ISCCPCON RAIPUR	13-14.04.2024	AIIMS, Raipur
2.	Alpha to JN.1 variant: SARS-CoV-2 underlying continuous roller coaster evolutionary emergence	18th Congress conference of the International Union of Microbiological Societies	23-25.10.2024.	IUMS, Florence, Italy

Dr. Pragya Agarwala

S. No.	Title	CME/Conference	Date	Organized by
1.	AMR-A global, national and state priority" and "Optimizing the use of Antimicrobial	State Level training on Infection Prevention and Control & Antimicrobial Resistance	20-21.06.2024.	National Health Mission and UNICEF, Chhattisgarh
2.	Update in diagnosis of Viral Hepatitis	Viral Hepatitis International CME	30.07.2024	AIIMS, Rajkot

S. No.	Title	CME/Conference	Date	Organized by
3.	Moderated a session on “Viral fevers and Viral outbreaks”	1st Clinical Virology Summit	08-09.10.2024	ILBS, New Delhi
4.	AI in Microbial Diagnostics and battling AMR	IAMM (Indian Association of Medical Microbiology) Symposium 2024 at the 47th Annual Congress of Indian Association of Medical Microbiologists (MICROCON 2024)	20-24.11.2024	BJ Medical College, Pune
5.	Hands-on training on Zotero, a reference manager tool	Systematic Review and Metanalyses Workshop at on	30.11.2024	AIIMS Raipur
6.	Moderated Panel discussion on Antimicrobial stewardship	State Level CME “Antimicrobial Stewardship - A call against antibiotic resistance”	11.01.2025	Apollo Hospitals, Bilaspur

Dr. Abhijit Prasad

S. No.	Title	CME/Conference	Date	Organized by
1.	Monitoring of Antimicrobial consumption and Practical demonstration & Hands on Training on AMC tool	Training of State Pharmacists	21.06.2024	Chhattisgarh Academy of Administration
2.	Sampling in Research	Workshop on Research Methodology	28.08.2024	Nursing College, AIIMS Raipur
3.	Interesting Mycobacteriology Cases related to CME theme, 'Antimicrobial Stewardship – A call against Antibiotic Resistance'	Antimicrobial Stewardship – A call against Antibiotic Resistance	11.09.2024	Apollo Bilaspur.

Dr. Madhavi Madkey

S. No.	Title	CME/Conference	Date	Organized by
1.	Laboratory Diagnosis of Viral Hepatitis Under	5-day hands-on State-level Workshop for Laboratory Technicians of the CG government	25-29.03.2025	National Viral Hepatitis Control Program

ORAL PAPERS/POSTERS PRESENTED

S. No.	Authors	Title	Conference	Date	Organised by
1.	Smrithi Maniraj **Padma Das** Pragya Agarwala	Heteroresistant Vancomycin Intermediate Staphylococcus aureus: comparision of detection methods	ESCMID - summer school grant 2024, Netherland	2024	ESCMID - Netherland
2.	**Padma Das**, Neetu Srivastava, Archana B. Wankhade	Routine Antibiogram of Clinical Enterococcal Isolates: A Speculation	XXXIII WASPALM conference,Antalya, Turkey	2024	WASPALM, Antalya, Turkey
3.	Smrithi Maniraj, **Padma Das** Pragya Agarwala	Detection of hVISA and clinical Impact	MICROCON 2024, Pune	20-24.11.2024	BJ Medical College Pune
4.	Sandeep Kumar **Padma Das,** Amresh Pati, Pragya Agarwala	Blood stream Infection by ***Streptococcus Pluranimalium*** in a Child With Nephrotic Syndrome: A Case Report	State level microbiology CME 2025,	11.01.2025	APOLLO Hospital Bilaspur
5.	**Padma Das**, Smrithi Maniraj, Pragya Agarwala , Swati Pathak	***Stenotrophomonas maltophilia***: An increasing pathogenic trend	MICROCON 2024, Pune	20-24.11.2024	BJ Medical College Pune
6.	Archana Keche, Girish Patil, Pritam Wasnik	Spectrum Of Fungal Infections Of Central Nervous System: A Study From Tertiary Care Institute In Central India (1st Prize in Poster presentation)	ISMM 2025, National Biennial Conference Of Indian SocietyOf Medical Mycologists	21-23.02.2025	Sri Ramachandra Institute of Higher Education & Research, Chennai
7.	Swekcha Ranjan, Archana Y. Keche	Role of Biomarkers in Expediting the Diagnosis of Invasive Candida Infection	ISHAM Asia,International conference held at Bangkok ,Thailand	01-03.08.2024	ISHAM

S. No.	Authors	Title	Conference	Date	Organised by
8.	Karthika, Archana Keche, Sanjay Singh Negi, Anudita Bhargava	Utility Of Molecular Methods In Diagnosing Invasive Fungal Infections(IFI) With Special Reference To Mucormycosis, Aspergillosis, Pneumocystosis.	ISHAM Asia,International conference held at Bangkok, Thailand	01-03.08.2024	ISHAM
9.	Shripal Choudhary, Archana Keche, Aashish Khobragade, Gargee Mishra 1st Prize in Poster Presentation	Prevalence of Intestinal parasitic infection and its association with sanitary practices among people living in an urban slum area of Raipur City	Tropacon 2024, National conference by Indian Academy Tropical Parasitology hosted	12-15.09.2024	AIIMS Guwahati
10.	Archana Keche, Soma Jana, SushreeSarathi 2nd Prize in Paper presentation	Cryptococcal Osteomyelitis Manifesting in a Leprosy Patient; An incidental detection	CGMICROCON 2024, state level conference 21st & 22nd September	12-15.09.2024	Shri Balaji institute of medical science, Raipur (C.G)
11.	Swekcha Ranjan, Archana Y Keche 2nd Prize in Paper presentation	Invasive candida infections; Are biomarkers the answer to this	CGMICROCON 2024, state level conference 21st & 22nd September	21-22.09.2024	Shri Balaji institute of medical science, Raipur (C.G)
12.	Sushree Sarathi, Archana Keche, Girish Patil, AmreshPati, Atish Mohapatra 1st Prize in Paper presentation	Scedosporium: the versatile villain	CGMICROCON 2024, state level conference	21-22.09.2024	Shri Balaji institute of medical science, Raipur (C.G)
13.	Gargee Mishra, Archana Keche, Girish M Patil, SatyakiGanguly, Swekcha Ranjan	Actinomycetes Mycetoma: The Diagnostic Dilemma Of Cutaneous & Mucocutaneous Infections.	MICROCON2024, National conference	21-24.11.2024	held on BJ Government Medical College and Sassoon General Hospitals, Pune
14.	Gargee Mishra, Archana Keche, Lubna Khan, SabitaBisen First Prize in Poster presentation	A Squirmy Worm In The Human Eye: A Rare Case Report.	MICROCON2024,National conference	21-24.11.2024	held on BJ Government Medical College and Sassoon General Hospitals, , Pune

S. No.	Authors	Title	Conference	Date	Organised by
15.	Unnati Singh , Archana Keche First Prize in Poster presentation	Clinical Manifestations of Human Infections Due to the Rare Aspergillus species, Aspergillus tritici: A Case Series	State level CME	11.01.2025	CAMM & Apollo Hospital Bilaspur
16.	Sushree Sarathi Archana Keche, Padma Das Awarded 10,000/- Travel grant 1st Prize in Poster Presentation	Detection Of Virulence Factors And Antifungal Susceptibility Pattern Of Clinical Isolates Of Candida Auris; A Study From A Tertiary Care Hospital From Central India	ISMM 2025, National Biennial Conference Of Indian SocietyOf Medical Mycologists	21-23.02.2025	Sri Ramachandra Institute of Higher Education & Research, Chennai
17.	Unnati Singh , Archana Keche	Clinico-Microbiological Profile Of Pulmonary Fungal Infections In The Old Or Active Pulmonary Tuberculosis Patients	ISMM 2025, National Biennial Conference Of Indian SocietyOf Medical Mycologists	21-23.02.2025	Sri Ramachandra Institute of Higher Education & Research, Chennai
18.	Swarnim Aditya, **Archana Keche** Awarded 10,000/- Travel grant	Clinico-Mycological Profile And Risk Factors Of Otomycosis: A Study From Tertiary Care Hospital In Central India	ISMM 2025, National Biennial Conference of Indian Society of Medical Mycologists	21-23.02.2025	Sri Ramachandra Institute of Higher Education & Research, Chennai
19.	***Ujjwala Gaikwad** *Awarded "Best international abstract"	Dynamics of Candida auris transmission and its Effective Containment in a Tertiary Health Care Setting of India.	"APIC 24 Annual conference and Exposition", an international conference on Infection prevention and control at San Antonio, Texas, United States	03-05.06.2024	Association for Professionals in Infection Prevention and Control (APIC), USA
20.	***Sajitha.V**, Abhijit K.Prasad, Ujjwala Gaikwad *Awarded best oral paper in Hospital Infection Control	Pseudo-Outbreak Of Non-Tuberculous Mycobacteria In Bronchoscopy Unit: A Report Of Comprehensive Investigation	MICROCON 2024 47th annual conference of Indian Association of Medical Microbiologists	21-24.11.2024	BJ Government Medical College and Sassoon General Hospitals, Pune

S. No.	Authors	Title	Conference	Date	Organised by
21.	***Shalini Mann,** Ujjwala Gaikwad, Sanjay Singh Negi, Dibakar Sahu *Awarded Mumbai-Belgaum Prize for best paper in Mycobacteriology	Prevalence and Characterization of Pyrazinamide Resistance among the Clinical Isolates of M. Tuberculosis Complex from a Tertiary Care Hospital in Chhattisgarh	MICROCON 2024 47th annual conference of Indian Association of Medical Microbiologists	21-24.11.2024	BJ Government Medical College and Sassoon General Hospitals, Pune
22.	**Subhasish Bhadra**, Kumar Vikram, Abhijeet Kumar Prasad, Ujjwala Gaikwad	Fluroquinolone resistance profile of Mycobacterium Tuberculosis complex isolates resistant to first line drugs	CGMICROCON 2024, state level conference 21st & 22nd September	21-22.09.2024	Shri Balaji institute of medical science, Raipur (C.G)
23.	**Divya Darshan Panigrahi**, Nithin Varghese, Shalini Mann, Priyanka Singh, Mansi Gupta, Ujjwala Gaikwad	Real time assessment of effectiveness of Alcohol-based hand rubs in disinfecting non-critical patient care items in tertiary care hospital settings	ASPICON 2024 - 6th National Conference and Workshop on Antimicrobial Stewardship Practices in India,	22-25.08.2024	PGIMER Chandigarh
24.	Dr. Madhavi Madkey, Dr. Girish Patil, Dr. Archana Keche, Dr. Anudita Bhargawa	Transforming microbial diagnostics from insights to impact (Presented Poster on Highlight on a Neglected Tropical Disease: Echinococcosis	VAMMCOM 25	08-09.02.2025	Vidharbha Association of Medical Microbiologists
25.	Dr. Madhavi Madkey, Dr. Girish Patil, Dr. Archana Keche, Dr. Anudita Bhargawa	Presented poster on titled “Seroprevalence of ***Ecchinococcus*** IgG antibodies in a tertiary care center”	MAHATROPACON 25rnational conference on Infection prevention and control at San Antonio, Texas, United States	14-15.02.2025	IATP and Department of Microbiology, Seth G.S. Medical college and KEM Mumbai
26.	Abhijit K. Prasad, Sajitha V, Mansi Gupta, Karthika J, Prashali Negi, Nithin Varghese, Phalguni Padhi, Ujjwala Gaikwad, Anudita Bhargava	Outbreak of Multidrug Resistant ***Klebsiella pneumoniae*** sepsis in a neonatal intensive care unit: Investigation and control measures	MICROCON-2024, 47th Annual Congress of 'Indian Association of Medical Microbiologists'	23.11.2024	BJ Government Medical College and Sassoon General Hospitals, Pune

RESEARCH
Funded Project
Ongoing

S. No.	Project	Principal Investigator	Funding Agency	Duration (years)	Start year-End year	Total funds sanctioned (Rs.)
1.	Sero-epidemiology, maternal immune status and missed diagnosis of pertussis among young infants in India - a multicentric study	Dr. Anudita Bhargava	Welcome foundation and NIV Pune	One	2024	3,93,800
2.	Multi-centric Evaluation of Vanscan Typhoid RT-PCR assay in clinical settings	Dr. Padma Das	ICMR	One	2025	15,68,887
3.	Small non-coding circulatory microRNA: A tool for optimizing laboratory confirmed sepsis diagnosis.-.	Dr. Padma Das	CGCST	Two	2025	4,80,000
4.	Development of CRISPR-dCas9 based lateral flow point of care test (POCT) to identify 14 High Risk-Human Papillomavirus (HR-HPV) in cervical cancer	Dr. Sanjay Singh Negi	ICMR	Three	2024	62,91,749
5.	Pan India Epidemiological, virological and genomic surveillance for human Influenza and COVID-19 through DHR-ICMR VRDL Network.	Dr. Sanjay Singh Negi	DHR-ICMR	Six	2021	29,32,736
6.	Comparative analysis of QuantiFERON-TB Gold Plus and CY-TB antigen-based skin test in diagnosing tuberculosis infection among health care workers	Dr. Abhijit Prasad	Intramural (AIIMS Raipur)	One	2024	Rs. 4,70,000
7.	Determination of in-vitro activity of Cefiderocol against clinical carbapenemase producing Enterobacterale isolates – A comparative study	Dr Pragya Agarwala	Intramural (AIIMS, Raipur)	One	2024-2025	Rs 4,89,000

Completed

S. No.	Project	Principal Investigator	Funding Agency	Duration (years)	Start year-End year	Total funds sanctioned (Rs.)
1.	Screening for Multidrug resistant Organism colonization and associated risk factors among the critically ill patients attending Emergency Department: A targeted surveillance strategy for infection prevention"	Dr. Ujjwala Gaikwad	AIIMS Raipur (Intramural)	1 year	2023-2024	4,73,923.60 /-

Departmental Projects – Non-Funded Projects/ ICMR-STS Projects/ Thesis/Dissertations

Ongoing

S. No.	Project
1.	Estimating the Burden of Mycetoma : A Retrospective Analysis of Hospital Records(Multicentric project sponsored by Drugs for Neglected Diseases initiative (DNDi))
2.	Spectrum of Fungal eye infections, A clinical and microbiological prospective study at tertiary centers in Raipur, Chhattisgarh
3.	Clinico-Microbiological profile of Pulmonary Fungal infections in the Old or Active Pulmonary Tuberculosis patients.
4.	Evaluation of Direct susceptibility testing method for Moxifloxacin against Mycobacterium tuberculosis using the BACTEC MGIT 960 system
5.	A KAP-based study of latent TB across different cadres of Health care workers (ICMR-STS)
6.	Study of risk factors of vulvovaginal candidiasis with speciation and antifungal susceptibility testing of candid isolates from symptomatic patients attending a tertiary care hospital in central India (ICMR-STS)
7.	Detection of synergistic efficacy of silver nanoparticle based antifungal agents against clinical isolates of Aspergillus species and assessment of its mechanism of action for advancement of therapeutic strategy

Completed

S. No.	Project
1.	Utility of Molecular methods in diagnosis of filamentous fungal infections with special reference to Mucormycosis, Aspergillosis &Pneumocystosis
2.	Study of Spectrum of Candidiasis at AIIMS, Raipur
3.	Prevalence of Intestinal parasitic infection and its association with sanitary practices among people living in an urban slum area of Raipur City

S. No.	Project
4.	Study of predisposing factors and fungal profile of otomycosis in patients visiting to tertiary care hospital in central India
5.	Prevalence and Characterization of Pyrazinamide Resistance among the Clinical Isolates of Mycobacterium tuberculosis Complex from a Tertiary Care Hospital in Chhattisgarh.

Collaborative Projects

Ongoing

S. No.	Project	Collaborating Department/Institution
1.	Clinico-mycological profile of Onychomycosis; A hospital based cross sectional study	Dept of Dermatology AIIMS Raipur
2.	Clinico-Epidemiological Spectrum of Candidemia in Patients with Sepsis in Intensive Care Unit: A Prospective Observational Study	Department of General Medicine, AIIMS Raipur
3.	Microbiological profile of Infective keratitis in central India	Department of Ophthalmology AIIMS Raipur
4.	Assessment of drinking water quality in urban slums of Raipur city, Chhattisgarh	Department of Community and Family Medicine, AIIMS Raipur
5.	Glycan Coated Magnetic Nanoparticles (GMNPs) based enrichment assay for improved detection of ***Mycobacterium tuberculosis*** (MTB) in body fluid specimens.	National Institute of Technology, Raipur
6.	Clinical and Metabolic Correlates of Bipolar Disorder and Gut Microbiota: A Comparative Study Using 16S rRNA Sequencing.	Department of Psychiatry

Completed

S. No.	Project	Collaborating Department/Institution
1.	A study to estimate the prevalence of fungal infection among the patients with diabetic limb infections- A prospective clinical study at AIIMS Raipur	Department of General Medicine, AIIMS, Raipur
2.	Identification of Candida species isolated from patients of pemphigus vulgaris with oral candidiasis and their antifungal susceptibility pattern.	
3.	Risk assessment for airborne transmission of tuberculosis and status of implementation of airborne infection control precautions in OPD settings of AIIMS Raipur	School of Public Health, AIIMS Raipur (MPH thesis)

PUBLICATIONS

1. Negi, S.S., Sharma, K., Bhargava, A. Singh P. A comprehensive profile of SARS-CoV-2 variants spreading during the COVID-19 pandemic: a genomic characterization study from Chhattisgarh State, India. ***Arch Microbiol*** 206, 68 (2024). https://doi.org/10.1007/s00203-023-03807-2

2. Singh, P., Sharma, K., Bhargava, A and Negi S. S. Genomic characterization of Influenza A (H1N1)pdm09 and SARS-CoV-2 from Influenza like illness(ILI) and Severe Acute Respiratory illness (SARI) cases reported between July-December 2022. Scientific Reports 14: 10660 (2024). https://doi.org/10.1038/s41598-024-58993-w.

3. Mehta R, Nagarkar NM, Das P, Das JR, Das D, Gourh G. Investigation of the in vitro biofilm-producing ability of isolated microbes in chronic otitis media. The Egyptian Journal of Otolaryngology. 2025 Feb 25;41(1):26.

4. Mohapatra, A., Agarwala, P., Sirigiri, H.P. , Das P*.***et al.*** Disseminated melioidosis–challenge to routine antibiotic therapy: a case report. ***J Med Case Reports*** 18, 467 (2024). https://doi.org/10.1186/s13256-024-04808-5

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Chapter(s) in Books

Sl No.	Author (s)	Chapter Title	Editor	Book	Edit-ion	City of Publica-tion	Publi-sher	Year of Publica-tion	First-Last Page
1.	Patil G, Keche A, Madkey M.	Mycotoxicoses in Humans	-	From Mycotoxigenic Fungi to Innovative Strategies of Diagnosis, Control and Detoxification	1st	internet	Intech Open; 2024	2024	http://dx.doi.org/10.5772/intechopen.1006944
2.	Sanjay Singh Negi	Automation technique in medical mycology	-	Automated Diagnostic Technique in Medical Mycology.		Springer, Singapore	Springer, Singapore. 2024; https://link.springer.com/chapter/10.1007/978-981-99-9943-9_6	2024	87-100
3.	Sanjay Singh Negi	Genetic Insight of Oncogenic Potential of Human Papilloma Virus	-	Emerging Human Viral Diseases Vol II	2nd volume	Springer, Singapore	https://link.springer.com/chapter/10.1007/978-981-97-4480-0_26	2024	705-723
4.	Pragya Agarwala, Archa Sharma	Role of the Laboratory in the Diagnosis of Poxvirus Infections	Nima Rizae	Poxviruese	1st	Cham	Springer Nature Switzerland	2024	https://doi.org/10.1007/978-3-031-57165-7

PATIENT CARE

Started Beta D - Glucan (a fungal biomarker) detection test successfully.

New tests being added for patient service:

a) Beta D- Glucan (a fungal biomarker) detection test
b) Multiplex RT PCR for viral respiratory pathogens.
c) Second line LPA for tuberculosis patients.
d) Microscopy for OIs in stool

Total Test
1,89,500

AWARDS, HONOURS AND SIGNIFICANT EVENTS

1. **Dr. Padma Das**

- ESCMID summer grant awarded to one PG student Smrithi Maniraj for her thesis.
- The bacteriology laboratory has been awarded with 100% achievement in EQAS conducted by CMC, Vellore.

2. **Dr. Archana Keche**

AWARDS IN PAPER PRESENTATIONS		
Tropacon 2024, National conference by Indian Academy Tropical Parasitology hosted by AIIMS Guwahati. ***12th to 15th September, 2024***	Prevalence of Intestinal parasitic infection and its association with sanitary practices among people living in an urban slum area of Raipur City Shripal Choudhary, Archana Keche, Aashish Khobragade, Gargee Mishra	1st Prize in Poster Presentation Shripal Choudhary, Archana Keche, Aashish Khobragade, Gargee Mishra
CGMICROCON 2024 ,state level conference 21st & 22nd September at Shri Balaji institute of medical science, Raipur (C.G)	Cryptococcal Osteomyelitis Manifesting in a Leprosy Patient; An incidental detection Archana Keche, Soma Jana, Sushree Sarathi	2nd Prize in Paper presentation
CGMICROCON 2024 ,state level conference 21st & 22nd September at Shri Balaji institute of medical science, Raipur (C.G)	Invasive candida infections ; Are biomarkers the answer to this Authors: Swekcha Ranjan, Archana Y Keche	2nd Prize in Paper presentation
CGMICROCON 2024 ,state level conference 21st & 22nd September at Shri Balaji institute of medical science, Raipur (C.G)	Scedosporium: the versatile villain SushreeSarathi, Archana Keche, Girish Patil, Amresh Pati, Atish Mohapatra	1st Prize in Paper presentation
MICROCON2024,National conference held on 21-24th November 2024 at BJ Government Medical College and Sassoon General Hospitals, , Pune	A Squirmy Worm In The Human Eye: A Rare Case Report. Gargee Mishra, Archana Keche, Lubna Khan, Sabita Bisen	First Prize in Poster presentation
State level CME organized by CAMM & Apollo Hospital Bilaspur on 11th January 2025	Clinical Manifestations of Human Infections Due to the Rare Aspergillus species, Aspergillus tritici: A Case Series Unnati Singh , Archana Keche	First Prize in Poster presentation

AWARDS IN PAPER PRESENTATIONS		
Mycology workshop held at JIPMER 28th December	Dr Sushree Sarathi won first prize in Quiz competition.	
ISMM 2025, National Biennial Conference of Indian Society of Medical Mycologists 21st – 23rd February, 2025 at Sri Ramachandra Institute of Higher Education & Research, Chennai	Spectrum of Fungal Infections of Central Nervous System: A Study From Tertiary Care Institute In Central India Archana Keche, Girish Patil, Pritam Wasnik	First Prize in Poster presentation
ISMM 2025, National Biennial Conference of Indian Society of Medical Mycologists 21st – 23rd February, 2025 at Sri Ramachandra Institute of Higher Education & Research, Chennai	Detection of Virulence Factors And Antifungal Susceptibility Pattern of Clinical Isolates of Candida Auris; A Study from A Tertiary Care Hospital from Central India Sushree Sarathi Archana Keche, Padma Das	Awarded 10,000/- Travel grant
ISMM 2025, National Biennial Conference of Indian Society of Medical Mycologists 21st – 23rd February, 2025 at Sri Ramachandra Institute of Higher Education & Research, Chennai	Clinico-Mycological Profile and Risk Factors of Otomycosis: A Study from Tertiary Care Hospital In Central India Swarnim Aditya, Archana Keche	Awarded 10,000/- Travel grant

Awards in Quiz Competitions		
Tropacon 2024, National conference by Indian Academy Tropical Parasitology hosted by AIIMS Guwahati. 12th to 15th September 2024	Somanath Panda, Saugat Das (MBBS students)	Prize in National tropical parasitology online quiz conducted by IATP
CGMICROCON 2024, state level conference 21st & 22nd September at Shri Balaji institute of medical science, Raipur (C.G)	Sanqab V, G Hardhika Sai (MBBS Students) undergraduate Quiz competition	Second prize in quiz competition
Mycology workshop held at JIPMER 28th December	Dr Sushree Sarathi	Won first prize in Quiz competition.

1. Dr. Ujjwala Gaikwad

- Prof. (Dr.) Ujjwala Gaikwad received the **"Best International Abstract Award"at the "APIC 24 Annual Conference and Exposition," an international conference** on Infection Prevention and Control held in San Antonio, Texas, USA, from June 3rd to 5th, 2024 for her presentation on “Dynamics of Candida auris Transmission and its Effective Containment in a Tertiary Health Care Setting of India”.
- Dr. Shalini Mann, PG JR -III received the prestigious **Mumbai-Belgaum Prizeforbest paper in Mycobacteriology** for her research on “Prevalence and Characterization of Pyrazinamide Resistance among the Clinical Isolates of M. Tuberculosis Complex from a Tertiary Care Hospital in Chhattisgarh” during the 47th Annual Congress of Indian association of Medical Microbiology (IAMM) held at Pune from 21st to 24th November 2024.

- Dr. Sajitha, SR, received the prize for **Best oral paper presentation in Hospital Infection Control** for her presentation on "Pseudo-Outbreak of Non-Tuberculous Mycobacteria in Bronchoscopy Unit: A Report of Comprehensive Investigation" during the 47th Annual Congress of Indian association of Medical Microbiology (IAMM) held at Pune from 21st to 24th November 2024.
- Dr. Atish Mohapatra, SR Microbiology received the **prestigious LMIC Grant to attend ESCMID (European Congress of Clinical Microbiology and Infectious)Global 2025 in Vienna, Austria** to present the paper titled, "Development and validation of a novel scoring system to differentiate between tuberculous and non-tuberculous pleural effusion".

Academic achievements of faculties:

1. Dr. Ujjwala Gaikwad

- Prof. (Dr.) Ujjwala Gaikwad was selected as Section editorial member for "Infection Prevention Stewardship" in Journal of Antimicrobial Stewardship Practices and Infectious Diseases (JASPI).
- Prof. (Dr.) Ujjwala Gaikwad was nominated as a Local coordinator to conduct the national ASPICON quiz 2024 (preliminary round).

2. Dr. Pragya Agarwala

- Dr Pragya Agarwala was awarded the Fellowship of the Royal College of Pathologists (FRCPath)
- Dr Pragya Agarwala was invited to the Editorial Board of BMC Infectious Diseases Journal

3. Dr. Abhijit Kr. Prasad

- Got selected for Fellowship in General Infectious Diseases (FGID) & Antimicrobial Stewardship (2024-25 batch) online course with two weeks of contact programme (15th to 20th July, 2024; 18th-23rd August) conducted by Infectious Disease Department, CMC Vellore (currently pursuing)

Other achievements:

A. Outbreak investigations (round the year activity): Many outbreak investigations being conducted by the Infection control Team of AIIMS Raipur, led by Prof. Ujjwala Gaikwad (Infection Control Officer), Dr. Abhijit Prasad, SRs, JRs and the ICNOs.

Hospital Infection Control Team investigated an outbreak of Klebsiella pneumoniae sepsis among the newborns at the NICU through March to August 2024 and a pseudo-outbreak of Non-Tubercular Mycobacterium isolation from the bronchoscopy unit of AIIMS Raipur.

B. Hand-holding of state government for various activities/National health programs

a) State-level VRDL regularly conducts viral load tests for Hepatitis B and C on the seropositive samples received from most of the districts of CG, under National Viral Hepatitis Control Program. For this the lab has received some financial grants in 23-24 and 24-25. No other support, in the form of manpower and/or equipment is provided by the state government. (Nodal Officers: Dr. Anudita Bhargava and Dr. S.S.Negi)

b) Mycobacteriology laboratory of the department is providing free of cost TB diagnostic facilities to the patients attending AIIMS Raipur from across the state, in collaboration with State health department under the NTEP program. The laboratory has also extended the free diagnostic aid for TB and other Mycobacterial diseases to the patients attending an NGO, Jan SwasthyaSahyog, Ganiyari, Bilaspur. The laboratory aims to cater to few additional districts of Chhattisgarh for TB diagnostic services under NTEP in near future. (Nodal Officer: Dr. Ujjwala Gaikwad).

c) WHO supported Diphtheria, Pertussis and Typhoid surveillance programme (Nodal Officer- Dr. Padma Das).

d) Different bacterial outbreak investigations. (Nodal Officers- Dr. Padma Das and Dr. Pragya Agarwala).

e) The department receives samples (blood culture, CSF culture and environmental samples) from the SNCUs located in various district hospitals of the state since 2018. (Nodal Officer: Dr. Anudita Bhargava).

The year-wise break-up of samples is tabulated below-

Year	Blood Sample	Environment Surveillance
2018	1049	1284
2019	1928	562
2020	1333	0
2021	418	0
2022	1985	887
2023	2442	774
2024	1920	796
Grand Total	**11075**	4303

f) Dr. Abhijit Prasad was nominated for Chhattisgarh field visit with the team of DGHS to a few high-endemic blocks of Bastar District of Bijapur/Dantewada to investigate the increased incidence of Malaria cases.

g) Dr. Pragya Agarwala and Dr. Abhijit Kr. Prasad imparted training to the State Pharmacists pertaining to the topic titled, 'Monitoring of Antimicrobial consumption and Practical demonstration & Hands on Training on AMC tool" on 21.06.2024 at Chhattisgarh Academy of Administration, Nimora, New Raipur.

h) Dr. Abhijit Kr. Prasad was nominated to impart training to Laboratory Technician from different States of the country on topics related to Leprosy at Regional Leprosy Training Research Institute (RLTRI), Raipur on the 21st, 23rd and 24th of January, 2025.

i) Conducted laboratory investigations for various outbreaks of public health importance, in CG, as mentioned below- (Nodal Officers: Dr. Anudita Bhargava and Dr. S.S.Negi)

i) Bird flu outbreak reported in Raigarh in first week of March, 2025.

ii) Mumps outbreak reported from various districts (Surajpur, Dhantewara, Durg, Balodabazar) of Chhattisgarh in the month of February, 2024 and in 11.1.2025 from Balodabazar.

iii) Suspected outbreak of Monkeypox from Janjgir on 29.8.2024.

iv) Suspected outbreak of Metapneumovirus on 30-31st January, 2025 from Bilaspur and Korba.

j) During COVID and still continuing,-the department mentored the establishment of various BSL-2 RT PCR laboratories across the state both in Government Medical colleges and District hospitals and also in the private Medical Colleges and laboratories. (Nodal Officers- Dr. Anudita Bhargava and Dr. Archana Keche)

k) A part of state-level committee for implementation of NOHP in CG. (Nodal Officers from AIIMS- Dr. Anudita Bhargava and Dr. Archana Keche).

l) A part of technical committee for containment of AMR, as a part of NOHP, in coordination with NCDC, New Delhi, NHM-CG, JHPIEGO and other stake holders like veterinarians, agriculture scientists, Environment scientists etc. (Nodal Officers from AIIMS- Dr. Anudita Bhargava, Dr. Padma Das and Dr. Pragya Agarwala).

VISITING SCIENTIST(S)

S. No.	Visiting Scientist & Designation	Visit Reasons
1.	Dr. Prabha Desikan, Director, NRL, BMHRC, Bhopal	On site visit to Tuberculosis laboratory

Department of Neonatology

Associate Professor & Head
Dr. Phalguni Padhi
Assistant Professor
Dr. Rohit Anand

HIGHLIGHTS

The neonatal unit is capable of managing extreme premature baby with provision of highest level of neonatal care with compassion. The Department of Neonatology started Genetic Counselling clinic in collaboration with Department of Obstetrics and Gynecology and also conducted Short course in Neonatology (Shine) of NNF India for MD students. We also organized and conducted NNF PG & Nursing Quiz Divisional Round. The Department also celebrated National Newborn Week. The Department also trained nursing officers and students for Basic Neonatal Resuscitation.

EDUCATION

- Teaching and training program of DM in neonatology that includes one journal topic and case presentation per week with one mortality /perinatal meet per month.
- Training of trainers for CPAP and ventilator. Mentoring visit and training of medical officers/nurses at SNCU.
- Resource person for NNF neonatology Quiz and Short course in neonatolgy.
- Training of interns posted in NICU for basic neonatal care. Training and presentation by nursing officers is also performed. Interdepartmental teaching of DM residents is also regularly done.
- Resource person for HICC/NRP/CPAP/KMC workshop. Resource person for Internship/JR/SR induction program.
- Faculty for MEU neonatal resuscitation training.

CMEs/WORKSHOP/SYMPOSIA/NATIONAL & INTERNATIONAL CONFERENCES

S. No.	Title	CME/Conference	Date	Organized by
1.	Short course in Neonatology (Shine)	CME (National Neonatology Forum)	14.07.2024	Dept of Neonatology, AIIMS Raipur
2.	NNF PG & Nursing Quiz Divisional Round	Divisional Round Quiz (National Neonatology Forum)	08.09.2024	Dept of Neonatology, AIIMS Raipur

LECTURES DELIVERED AT CMEs, NATIONAL & INTERNATIONAL CONFERENCES

Dr. Phalguni Padhi

S. No.	Title	CME/Conference	Date	Organized by
1.	Preterm birth and its complications	ISOPARB	26-28.04. 2024	Indian Society of Perinatology
2.	Genetics in newborn	Genetics workshop	13.01.2025	Department of Anatomy, AIIMS Raipur
3.	Vaccination in preterm	ROGS 2024	19.10.2025	ROGS

Dr. Rohit Anand

S. No.	Title	CME/Conference	Date	Organized by
1.	Neonatal Jaundice	ISOPARB	26-28.04.2024	Indian Society of Perinatology
2.	Antimicrobials use in NICU	North Zone Neocon	26-28.07.2024	National Neonatology Forum
3.	Facilitator of ToT	Regional ToT FBNC, Pune	24-27.12. 2024	MoHFW, New Delhi

ORAL PAPERS/POSTERS PRESENTED

S. No.	Authors	Title	Conference	Date	Organised by
1.	Agarwal N, Anand R, Jindal A et al	“Breathe my Baby”: Impact of tele-KMC on the respiratory outcomes of newborns admitted to SNCU.	CG-CZ Pedicon	31.08.2024	Chhattisgarh Academy of Pediatrics
2.	Agarwal N, Anand R, Jindal A et al	Gaps that cannot be filled remotely: Areas where telemedicine cannot be used for Improving Quality of Care	NEOCON	06.12.2024	National Neonatology Forum

RESEARCH

Departmental Projects – Non-Funded Projects/ ICMR-STS Projects/ Thesis/Dissertations

Ongoing

S. No.	Project
1.	Early surfactant administration at two different fractions of inspired oxygen thresholds:40% vs 30% in the preterm neonates 26 to 34 weeks of gestation with respiratory distress syndrome on nCPAP: An open, randomized controlled trial
2.	Safety Assessment for Early Caffeine Weaning: SAFE-CAFÉ PILOT Randomized Controlled Trial
3.	Association of Amniotic Fluid Volume with Adverse Perinatal Outcome in Fetuses With Growth Restriction: A Prospective Observational Cohort Study
4.	Effect of Zinc Oral Supplementation in Hyperbilirubinemia (ZOSH) on Serum Bilirubin Levels in Neonates Requiring Phototherapy at a Tertiary Care Hospital in Central India: A Double-blind Randomized Controlled Trial (ZOSH Trial)
5.	Spectrum of USG Elastography Findings in Neuroparenchyma of Neonates and Infants – An Observational Cross Sectional Study
6.	Early surfactant administration at two different fractions of inspired oxygen thresholds:40% vs 30% in the preterm neonates 26 to 34 weeks of gestation with respiratory distress syndrome on nCPAP: An open, randomized controlled trial
7.	Safety Assessment for Early Caffeine Weaning: SAFE-CAFÉ PILOT Randomized Controlled Trial

Completed

S. No.	Project
1.	Factors affecting initiation of breastfeeding in first twenty four hours after birth at AIIMS, Raipur-STS project
2.	Stage Based Integrated Management Using Barcelona Protocol Versus Conventional Management of Fetal Growth Restriction and Perinatal Outcome: A Randomized Controlled Trial
3.	Efficacy and safety of early fortification of human milk as compared to standard fortification in very low birth weight babies – an open labelled parallel arm randomized controlled trial
4.	Evaluation of efficacy of Presepsin as a biomarker in Neonatal Sepsis-A pilot study
5.	Observational study on Poor Postnatal weight gain is an independent risk factor to predict the severity of retinopathy of prematurity in preterm infants

Collaborative Projects

Ongoing

S. No.	Project	Collaborating Department/Institution
1.	COVID 19 Vaccination In Pregnancy: The COVIP Study	Department of Obstetrics, AIIMS Raipur
2.	Madhya Pradesh special newborn programme care unit (SNCU) mentoring - a quality improvement initiative.	Madya Pradesh National Health Mission

S. No.	Project	Collaborating Department/Institution
3.	Improving Sepsis Diagnosis in Newborns with Minimal Blood Sampling using Innovative Laboratory Test: A focus on Early Detection	ICMR
4.	Establishment of DBT-NIDAN Kendra at All India Institute of Medical Sciences, Raipur, Chhattisgarh	DBT Ministry of Science,GoI
5.	SCOPE - Standardization of Covid in Pregnancy Standardizing of data collection and protocol for improving the Quality of evidence on clinical characteristics and outcomes of COVID-19 and Pregnancy.	WHO, New Delhi
6.	Improving maternal and newborn health care delivery using Quality Improvement Intervention Package.	UNICEF Chhattisgarh
7.	Implementing immediate kangaroo mother care in district hospitals in Chhattisgarh: A pilot project for preventing mortality and sepsis in Newborns	AIIMS New Delhi Health department of Chhattisgarh
8.	Physiological Postnatal Weight Loss Normograms in Exclusively Breastfed healthy Term Infants: A multi-centric Prospective Cohort Study	AIIMS Jodhpur

Completed

S. No.	Project	Collaborating Department/Institution
1.	AIIMS Raipur : Initiating Antimicrobial Stewardship activities in hospitals in India	Microbiology, AIIMS Raipur
2.	Prolonged Mechanical Ventilation in Paediatric Intensive Care : An International Cross-Sectional Prevalence Study	DBT MPaediatrics, AIIMS Raipurinistry of Science,GoI
3.	Analyzing platelet and FFP transfusion in infants and best recommendations	Department of Transfusion Medicine, AIIMS Raipur
4.	Optimal Neonatal, Ophthalmological care, and severity of Retinopathy of prematurity- A retrospective analysis	Department of Opthalmology

PUBLICATIONS

1. Sharma, S., Padhi, P. Pediatric demographic association with hospital mortality in platelets- and plasma-transfused young pediatric patients – a mixed cohort study. Egypt Pediatric Association Gaz 2024; 72:64 .
2. Priya B, Sahu V, Padhi P, et al. Exploring the Relationship Between Early Postnatal Weight Gain and the Severity of Retinopathy of Prematurity: Insights From a Tertiary Care Facility in Central India. Cureus. 2025; 17(3): e81262.
3. Manisha B,Phalguni P,Sarita, A. Chromosomal aneuploidies: A tertiary care center study. IJOGCS. 2024;11(4):540–547.
4. Rath, B., Mishra, A. K., & Padhi, P. Factors Influencing Breastfeeding Practices in the First Hour of Delivery at AIIMS Raipur and Its Association with Socioeconomic Factors. International Journal of Current Research and Review. 2024; 16(17): 10–17.

5. Agarwal N, Anand R, Jindal A, Varghese AR, Gajjala C, Ryavanki SP, Singh G. A hybrid form of telemedicine and quality improvement: a unique way to extend intensive care services to neonates. Indian Journal of Pediatrics. 2024;15:1-7.
6. Anand R, Nangia S. Influence of Early Total Enteral Feeding in Preterm Infants with Respiratory Distress Syndrome. Neonatology. 2025;122(1):4-10.
7. Agarwal N, Anand R, Jindal A. When all that should close remains open: a tale of gastroschisis, exstrophy of bladder, spina bifida, and limb defects. BMJ Case Reports CP. 2024 Aug 1;17(8):e261404.

Chapter(s) in Books

Sl No.	Author (s)	Chapter Title	Book	Edit-ion	City of Publica-tion	Publisher	Year of Publica-tion	First-Last Page
1.	Phalguni Padhi	Chapter 11-Neonatal and infantile outcomes	FOGSI EEBR 2025	1st	New Delhi	Jaypee Publisher	2025	Pg101-105

PATIENT CARE

OPD	IPD
2335	2395

AWARDS, HONOURS AND SIGNIFICANT EVENTS

Dr. Phalguni Padhi: LISA workshop resource person at national neonatology conference. Also judged posters at NEOCON.

Dr. Rohit Anand is a member and resource person for NNF neonatal quiz committee. He is member and advisor for short course of neonatology (NNF SHINE) being conducted by NNF for postgraduate students.

Department of Neurology

Assistant Professor & In-Charge

Dr. Saravana Sukriya S

HIGHLIGHTS

The Department of Neurology continues to deliver exceptional care for patients with neurological disorders such as epilepsy, headache, stroke and movement disorders. Electrophysiology labs offer essential diagnostic services including nerve conduction study (NCS), electroencephalogram (EEG), electromyogram (EMG), visual evoked potential (VEP), brainstem auditory evoked response (BAER), repetitive nerve stimulation test (RNST) and sympathetic skin response (SSR). Inpatient services are provided to facilitate thorough evaluation and effective management of patients.

The Department of Neurology organized a public awareness campaign on the event of World Stroke Day focusing on the importance of stroke risk factors, prevention, treatment and management to reduce its impact and morbidity. Educational videos and pamphlets regarding the same were distributed. The Department also marked World Epilepsy Day with an awareness initiative educating the public on epilepsy first-aid measures, treatment options and improving patient outcomes. The Department also addressed the stigma associated with the disease raising awareness about various types of epilepsy, emphasizing the importance of timely identification, diagnosis and treatment.

EDUCATION

The Department of Neurology provides foundational training in Neurology to the Junior residents from the Department of General Medicine, Ophthalmology and Psychiatry on rotational basis. Bed side case discussions and lectures are regularly held to improve academic skills and development of the residents.

LECTURES DELIVERED AT CMEs, NATIONAL & INTERNATIONAL CONFERENCES

Dr. SARAVANA SUKRIYA S

S. No.	Title	CME/Conference	Date	Organized by
1.	Transcranial Magnetic Stimulation in Dementia	Annual Conference Of Indian Academy Of Neurology (IANCON 2024)	16.10.2024 to 19.10.2024	Indian Academy Of Neurology
2.	Neuromyelitis Optica Spectrum Disorder – Latest Insights and Treatment Advances	Medicine Update 2024	09.11.2024	Department Of General Medicine AIIMS, Raipur
3.	Brain dead diagnosis	Transplant Co-Ordination Training Programme	18.03.2025 to 22.03.2025	State Organ And Tissue Transplant Organization Chhattisgarh

ORAL PAPERS/POSTERS PRESENTED

S. No.	Authors	Title	Conference	Date	Organised by
1.	Sukriya S, Kathrani N	Spinal Dural Arteriovenous Fistula with Longitudinally Extensive Myelitis – Report Of Two Cases	Annual Conference Of Indian Academy Of Neurology (IANCON 2024)	16.10.2024 to 19.10.2024	Indian Academy Of Neurology
2.	Sukriya S	Hemiballismus - A Report Of Three Cases	Annual Conference Of Indian Academy Of Neurology (IANCON 2024)	16.10.2024 to 19.10.2024	Indian Academy Of Neurology
3.	Sukriya S, Ray S, Khurana D	Prevalence Of Insulin Resistance and Dyslipidemia In Multiple Sclerosis	Indian Committee Of Treatment And Research In Multiple Sclerosis ICTRIMS 2024	14.11.2024 To 16.11.2024	Pgimer, Chandigarh
4.	Girish A.S, Sukriya S	A Tearless Tragedy	National Symposium In Rheumatology – Aiims Raipur Rheumatology Update – 2025	22.2.2025 To 23.02.2025	Department Of General Medicine Aiims Raipur
5.	Madhumitha M, Sukriya S	Sjogren's syndrome with CNS vasculitis – A case report.	National Symposium In Rheumatology – Aiims Raipur Rheumatology Update – 2025	22.2.2025 To 23.02.2025	Department Of General Medicine Aiims Raipur
6.	Bukke S, Sukriya S, Grandhi V	Unmasking Neurosarcoidosis – A Diagnostic Challenge In Neuroinflammatory Disorders.	Pulmonary Medicine Update 2025. 6th National Symposium On Pulmonary Medicine.	25.02.2025	Department Of Pulmonary Medicine Aiims Raipur

RESEARCH

Departmental Projects – Non-Funded Projects/ ICMR-STS Projects/ Thesis/Dissertations Ongoing

S. No.	Project
1.	Prevalence of Metabolic Syndrome in Idiopathic Intracranial Hypertension – A retrospective observational study

Collaborative Projects

Ongoing

S. No.	Project	Collaborating Department/Institution
1.	Neurological Manifestations in Systemic Lupus Erythematosus	Department of General Medicine, AIIMS, Raipur
2.	Clinico-epidemiological profile and in-hospital outcome of Cerebral venous sinus thrombosis at AIIMS Raipur - An Ambispective Observational Study	Department of General Medicine, AIIMS, Raipur
3.	Clinical presentations and outcome of Guillain Barre syndrome in tertiary care centre - An Ambispective observational study	Department of General Medicine, AIIMS, Raipur
4.	Effectiveness and Safety of Prophylactic use of Anti-epileptic Drugs for the Primary and Secondary Prevention in Acute Encephalitis Syndrome in tertiary care hospital centre -A Prospective Observational Study	Department of General Medicine, AIIMS, Raipur
5.	Effect of oral alpha lipoic acid supplementation on nerve function impairment assessed using nerve conduction studies and ultrasound techniques among newly diagnosed leprosy patients: A Pilot randomized clinical trial.	Department of Physiology, AIIMS, Raipur
6.	Study of Prevalence and Pattern of Peripheral neuropathy in CKD-U patients: A Pilot study	Department of Nephrology, AIIMS, Raipur
7.	Efficacy of Intermittent Theta burst repetitive Transcranial magnetic stimulation as an Adjuvant Treatment in patient with migraine: a double-blind Sham-controlled trial	Department of Psychiatry, AIIMS, Raipur
8.	Correlation of Brain-derived neurotrophic factor level with chemotherapy induced peripheral neuropathy and clinical outcome in newly diagnosed multiple myeloma patients	Department of Pharmacology, AIIMS Raipur
9.	Effectiveness and safety of use of Antiseizure medications for the primay and secondary prophylaxis of seizures in Acute Encephalitis Syndrome in tertiary care hospital – A Prospective Observational Study	Department of Pharmacology, AIIMS Raipur

PUBLICATIONS

1. Sukriya S, Nageeb N, Jain A. Myokymia in Isaacs syndrome. Neurology Jan2025. Video e pearl.

PATIENT CARE

OPD	IPD	NERVE CONDUCTION STUDY	EEG	EMG	VISUAL EVOKED POTENTIAL	BRAIN STEM EVOKED AUDITORY RESPONSE	RNST	SSR
17112	291	963	981	132	57	8	57	44

AWARDS, HONOURS AND SIGNIFICANT EVENTS

Dr SARAVANA SUKRIYA

- Chairperson, Evidence based practices in Intensive care – EPIC 2025 31.01.25 – 02.02.2025 AIIMS Raipur
- Invited faculty at a five-day training programme in Transplant Co-Ordination conducted by SOTTO, Chhattisgarh from 18th March 2025 to 22nd March 2025.



WORLD STROKE DAY AWARENESS CAMPAIGN IN THE DEPARTMENT OF NEUROLOGY

Department of Neurosurgery

Additional Professor & Head
Dr. Anil Kumar Sharma
Associate Professors
Dr. Charandeep Singh Gandhoke
Dr. Shailendra D. Anjankar
Dr. Binoy Kumar Singh
Assistant Professor
Dr. Ashish Sharma

HIGHLIGHTS

The department of Neurosurgery is able to cater to almost all neurosurgical diseases affecting the cranium, spine and peripheral nervous system.

Implementation of cutting-edge technologies like Endoscopic surgery [Trans-Nasal Trans-Sphenoidal (TNTS) approach for pituitary tumors, Endoscopic third ventriculostomy (ETV) for hydrocephalus], high end microscopes like Kinevo, Pentero, Cavitronic Ultrasonic Surgical Aspirator (CUSA) machine for better removal of brain tumors, Bone-cusa, trans-cranial doppler, neuromonitoring for better patient treatment and recovery.

Deep Brain Stimulation surgeries (DBS) started for movement disorders and department is pioneer in starting these services **first time in central India**.

The Department of Neurosurgery continued to scale new heights in patient care, research and training.

The Neurosurgery department treat a full range of neurosurgical disorders in the areas of:

- Cerebrovascular - aneurysms and arteriovenous malformations (AVMs), Cavernomas and stroke
- Skull base surgeries
- Pituitary tumours and complex endoscopic Skull base surgery
- Neuro-oncology
- DBS surgeries for Parkinson disease
- Stereotactic Biopsy and navigation guided surgeries
- Awake brain surgeries
- Spinal tumours and degenerative diseases
- Functional surgeries like Drezotomy and microvascular decompressions, hemifacial spasm
- General neurosurgery
- Trigeminal neuralgia and nerve compression syndromes
- Peripheral Nerve Surgeries
- Minimally invasive surgery for brain and spinal disorders
- Complex Craniovertebral Junction surgeries
- Cranial and spinal trauma surgeries

EDUCATION

Department faculty invoved in the teaching of postgraduates students of other departments as co-supervisor of their thesis.

All faculties are actively involved in clinical teaching to MCh Neurosurgery trainees and post graduate students posted to Neurosurgery department.

Department trained nearly 350 participants from all across the country in varius workshops and cadaveric hands on courses

LECTURES DELIVERED AT CMEs, NATIONAL & INTERNATIONAL CONFERENCES

Dr. Anil Kumar Sharma

S. No.	Title	CME/Conference	Date	Organized by
1.	1. Microsurgery for Cerebellar AV Malformation 2. Microsurgical clipping for giant aneurysm	SGPGI Neurosurgery Foundation Day Celebration	19 – 21.04.2024	SGPGI Lucknow
2.	1. Tailored for lateral approach for foramen magnum lesions 2. Surgical strategies for giant heamangioblastoma	1st Congress of Yasargil Microneurosurgery Academy	04 – 07.06.2024	Istanbul
3.	1. Supraorbital keyhole approach to anterior skull base 2. Resource faculty for cadaveric workshop	Hands on Skull Base Cadaveric Workshop, Chennai	12 - 13.07.2024	Skull Base Society of India
4.	1. Surgical management of giant trigeminal schwannoma 2. Endoscopic assisted Microneurosurgery	KVV Neurocon 2024	16 – 18.08.2024	Karad, Maharashtra
5.	1. Acom Aneurysms: Surgical Strategy and lessons learnt 2. Basilar Apex Aneurysm: Surgical technique	NEUROVASCON 2024	27 – 29.09.2024 Jaipur, Rajasthan	24th Annual Conference of cerebrovascular Society of India
6.	1. Endoscopic Endonasal Approach: Basics and Beyond 2. Giant trigeminal schwannoma	Neuroendoscopy Workshop (Cranial – Skull Base & Spine)	14 – 15.09.2024	SMS Medical College, Jaipur, Rajasthan
7.	1. MISS in spinal tumors 2. Vertebral Artery Mobilisation in C1 C2 fixation	NSSA Spine Surgery Course	12-14.04.2024	Conference of the Neuro-Spinal Surgeons
8.	1. Acom aneurysm, 2. Resource faculty for cadaveric workshop	Neurovascular Surgery and Innovation neurosurgery	14 – 15.02.2025	2nd International Conference cum workshop Chennai Jabalpur

S. No.	Title	CME/Conference	Date	Organized by
9.	1. Far Lateral Approach, 2. Resource faculty for cadaveric workshop	INTERIM SKULL BASECON	3- 4.05.2024, Hyderabad	Skull Base Society of India
10.	Clinoidal Meningiomas:Surgical Strategy	The Neurosurgical Week	02-06.08.2024	Mumbai
11.	1. Surgical Management of Pituitary Adenomas 2. Resource faculty for cadaveric workshop	2nd AMU NEUROUPDATE and Endoscopic Skull base Conference and Cadaveric Workshop	05.10.2024	JNMC, AMU, Aligarh

Dr. Charandeep Singh Gandhoke

S. No.	Title	CME/Conference	Date	Organized by
1.	Complex Aneurysmal clipping cases: A young neurosurgeon's perspective	NSI YNFCON 2024	14 – 16.06.2024	Neurological Society of India (NSI)
2.	Complex Aneurysm clipping cases: tips and tricks (Video Presentation)	NEUROVASCON 2024	27 to 29.09.2024	Cerebrovascular Society of India in collaboration with Dept. of Neurosurgery Fortis Escorts Hospital Jaipur
3.	Complex skull base surgeries (Video Presentation)	SKULLBASECON 2024	24 to 26.10.2024	MAMC and GIPMER New Delhi

Dr. Binoy Kumar Singh

S. No.	Title	CME/Conference	Date	Organized by
1.	Far Lateral Approach for Meningiomas	YNF-NSI 24	14-16.06.24	Young forum Neurological society of India
2.	Functional outcome after Surgery for Large Basal Ganglia Haemorrhage	NEUROVSCON 24	27-29.09.2024	Cerebrovascular Society of India
3.	Accuracy, Safety and Feasibilty of EM Navigation in Pituitary Macroadenoma Surgery	MPCG Neurocon Ujjain	24-25.02.2025	Society of neurologist MP and CG

Dr. Shailendra Anjankar

S. No.	Title	CME/Conference	Date	Organized by
1.	Surgery of Intraventricular tumors	MCNSCON 2025, Kolhapur	16.02.25	Midwest Chapter of Neurosurgeons
2.	Nuances in Endoscopic third ventriculostomy	NSSICON 2025, Rajkot	01.03.25	Neurological Surgeons Society of India

Dr. Ashish Sharma

S. No.	Title	CME/Conference	Date	Organized by
1.	Preferred Spine Surgery technique in a high volume Centre	10th Annual Meeting of Minimally Invasive Spine Surgeons of Bharat	16 – 19.10.2024	Spine Association of Gujarat

ORAL PAPERS/POSTERS PRESENTED

S. No.	Authors	Title	Conference	Date	Organised by
1.	Binoy Kr Singh, Shailendra Anjankar, Charandeep Singh Ghandoke	Safety,Accuracy and Duration of EM Navigation in Pituiarytumour surgery	ISSFN 24 Gurgaon	9-11.08.24	Indian society of Stereotactic and Functional Neurosurgery
2.	Binoy kr Singh, Shailendra Anjankar, Charandeep Singh Ghandoke	Preferred MIS Spine surgery in a high-volumeCentre	MISSABCON 24 Gandhinagar	16-19.10.24	Minimally invasive spine surgeons of Bharat
3.	Binoy kr Singh, Shailendra Anjankar, Charandeep Singh Ghandoke	Lowering the Cost of implants in traumatic spinal surgery	NSICON 24 Kolkatta	19-22.12.24	Neurological Society of India
4.	Ashish Sharma	Innovative approach to Intraventricular tumour Resection: Combining Intraoperative Ultrasound and Endoscopy	IFNE Interim Meet, Dubai, UAE	06 – 08.12.2024	Emirates Society of Neurological Sciences

S. No.	Authors	Title	Conference	Date	Organised by
5.	Dr. Abbas Moyaidi	Poster presentation (Award), Anticoagulant associated Fetal Intra Cranial Bleed presenting as Subdural Hematoma with midline shift.	NSSICON-2024	24.02.2024	AIIMS, Raipur
6.	Dr. Abbas Moyaidi	ster presentation (Award), ISPNSCON-2024: Plexiform Neurofibroma of the bilateral brachial and lumbo sacral plexus-An extremely rare occurence.	ISPNSCON-2024	13.01.2024	AIIMS, Raipur
7.	Dr. Mayank Tripathi	Poster presentation, ISPNSCON 2024: Iatrogenic Peripheral Nerve Injury	ISPNSCON 2024	13.01.2024	AIIMS, Raipur
8.	Dr. Mayank Tripathi	Paper Presentation, NSSICON-2024: Surgical Spectrum of Orbital Lesion	NSSICON-2024	24.02.2024	AIIMS, Raipur
9.	Dr. Mayank Tripathi	Presentation in CAN: Surgical management in patients with VHL syndrome	CAN	2025	Chattisgarh Association of Neuroscientist
10.	Dr. Pavan Lanjewar	Poster presentation Cervical Aneurysmal Bone cyst-Rare occurrence	NSSICON 2024	24.02.2024	AIIMS, Raipur
11.	Dr. Pavan Lanjewar	Presentation in CAN: Minimally Invasive Surgical Technique for C1,C2 Nerve Sheath Tumours	CAN	2025	Chattisgarh Association of Neuroscientist

S. No.	Authors	Title	Conference	Date	Organised by
12.	Dr. Vigya Shukla	Presentation in CAN: Giant CP angle epidermoid - A clinical review	CAN	2025	Chattisgarh Association of Neuroscientist

Departmental Projects – Non-Funded Projects/ ICMR-STS Projects/ Thesis/Dissertations

Ongoing

S. No.	Project
1.	Prediction of meningioma consistency using functional anisotropy value measured by MRI: A Prospective Observational Study
2.	Tumor size and its correlation with visual acuity and hormonal changes following endoscopic TNTS surgery for Pituitary Macroadenoma
3.	Visual and Hormonal outcome following Endoscopic Trans nasal Trans sphenoidal Pituitary Surgery
4.	Prediction of meningioma consistency using functional anisotropy value measured by magnetic resonance imaging:A prospective observational study

Completed

S. No.	Project
1.	Diagnostic and Prognostic Value of serum GFAP levels in High Grade Glioma patients

Collaborative Projects

Ongoing

S. No.	Project	Collaborating Department/Institution
1.	Evaluation of CDKN2A gene mutation and correlation with EZH2, DNMTs, H3K27me3 expression and Ki-67 labeling index in glial tumors; An ambispective study in central India	Department of Pathology AIIMS Raipur
2.	Dural venous sinus stenting for treatment of spontaneous CSF leak secondary to Idiopathic Intracranial Hypertension	Department of Radio daignosis, AIIMS Raipur

PUBLICATIONS

1. Rao, K. N., Arora, R. D., **Sharma, A.**, Mehta, R., Satpute, S., Dange, P., & Nagarkar, N. M. (2024). Endoscopic Sellar Defect Reconstruction with Avascular Modified Gasket Seal Technique for Sellar Tumors. ***Indian Journal of Surgical Oncology***, ***15***(1), 71-77.
2. Koyya SS, Gupta RK, **Sharma A**, Pati S. Extraconal orbital craniopharyngioma. BMJ case reports. 2024 Aug 19;17(8):e258652.
3. **Sharma, A.**, Juneja, M., Singh, V., & **Sharma, A. K.** (2025). Petrous Chondrosarcoma: Case Study of Two Patients with Surgical Nuances and Literature Review. Indian Journal of Neurosurgery. https://doi.org/10.1055/s-0043-1778687
4. Chakravarty, S., Grover, H., Nagarkar, N. M., & **Sharma, A. K.** (2025). Fibrous Dysplasia of Temporal Bone with Cholesteatoma: A Case Report. SN Comprehensive Clinical Medicine, 7(1). https://doi.org/10.1007/s42399-025-01875-7
5. Tripathi M, Syal S, Satarkar R, Gandhoke CS. Bilateral Orbital Lesions Presenting as the First Manifestation of Multiple Myeloma. Neurol India. 2024 May 1;72(3):690-691.
6. Lanjewar PT, Tripathi M, Syal SK, Singh BK, Anjankar S, Gandhoke CS. Pathological Laughter as an unusual first-presenting symptom of petroclival meningioma. SurgNeurol Int. 2024 Nov 15;15:420.
7. Varshney, Rahul & Singh, Binoy Kumar & Choudhary, Ajay. (2024). Surgical Management of large Basal Ganglia Hemorrhage: A Bi-institutional Experience. Iranian Journal of Neurosurgery. 10. 10.32598/irjns.10.10
8. Singh B K, Singh B, Mukherjee A, et al. (March 22, 2025) Reducing the Cost of Spinal Fixation Surgeries to Fit the Budgets of Patients from the Low- and Middle-Income Categories to Ensure Affordable and Effective Outcomes. Cureus 17(3): e80986. doi: 10.7759/cureus.80986

Chapter(s) in Books

Sl No.	Author (s)	Chapter Title	Editor	Book	Edition	City of Publication	Publisher	Year of Publication	First-Last Page
1.	**Dr. Anil Kumar Sharma**	The Supraorbital "Keyhole" Approach (SOKHA)	Dr M Kodeswaran	A practical manual for Skull base approaches	Skull base Surgery Society of India	Chennai	BOHR Publishers	2024, Chapter 5	-
2.	Neelambaran K, **Sharma AK**, Velmurugan H, Thangaraju P	Significant Risk Medical Devices–Neurology	-	Insignificant and Non-significant Risk Medical Devices		Switzerland	Springer Nature	2024 Aug	261-279

Sl No.	Author (s)	Chapter Title	Editor	Book	Edit-ion	City of Publica-tion	Publi-sher	Year of Publica-tion	First-Last Page
3.	Siroya, H., **Sharma, A.K**	Neuroimaging and Its Application in the Diagnosis and Early Prognosticati on of Traumatic Brain Injury (TBI)	Agrawal, A	Special Considera tions in Trauma Care		Singap ore	Springer	2024	978-981
4.	**Kumar Sharma Anil,** Chaturvedi J, Kalawatia M, Agarwal A	The Supraorbital "Keyhole" Approach (SOKHA) for Skull Base Lesions	Agrawal, A	Advances in Neurosurg ical Procedure s - Unveiling New Horizons			IntechO pen	2025	

PATIENT CARE

OPD	IPD	Major OT	Minor OT
12942	1284	949	3

AWARDS, HONOURS AND SIGNIFICANT EVENTS

Dr Anil Kumar Sharma

- Elected as Editor in Chief, Journal of Cerebrovascular Sciences, Official Journal of Cerebrovascular society of India
- Elected as Executive Committee Member Neurotrauma Society of India 2024-2027
- Executive Council Member- Neurological society of India (NSI), 2024-2027
- Chairman-Young Neurosurgery Forum, Neurological society of India (NSI)
- Assistant Editor- Indian Journal of Neurotrauma (IJNT), Official Journal of Neurotrauma society of India (NTSI)
- Pioneer to start DBS surgeries first time in central India
- Invited guest faculty for teaching in various cadaveric workshops

Dr. Gandhoke Charandeep received training as Visiting Fellow in Minimally Invasive Spine Surgery at Dr. Babasaheb Ambedkar Memorial Hospital Byculla Mumbai from 29th May 2024 to 26th June 2024.

Dr. Abbas won 2nd prize in Poster presentation (Award), NSSICON-2024:Anticoagulant associated Fetal Intra Cranial Bleed presenting as Subdural Hematoma with midline shift.

Dr Abbas won 2nd prize in Poster presentation (Award), ISPNSCON-2024: Plexiform Neurofibroma of the bilateral brachial and lumbo sacral plexus-An extremely rare occurence.

Department of Nephrology

Associate Professor & Faculty In-charge

Dr. Vinay Rathore

HIGHLIGHTS

The Department of Nephrology has not only upscaled its existing services and research in 2024-2025 but also initiated a number of new services

The department rapidly upscaled both Living Donor and Deceased Donor Renal Transplant Program after becoming the first institute amongst the newer AIIMS to start Deceased Donor Organ Donation and Deceased Donor Renal Transplant. The department also performed first Pediatric deceased donor renal transplant in the state of Chhattisgarh, and also performed first ABO incompatible transplant. On 18th March 2025, the department achieved landmark of 50 Kidney Transplants with a graft survival rate of 96%. Out of these 50 transplants 10 (20%) were Deceased Donor Renal Transplant.

The department continued to provide support to the state government in dealing with CKDu in Supebeda and surrounding village. Two camps were organized in Supebeda this year. Further community and hospital-based research conducted by the department has helped to delineate the prevalence, epidemiology, and risk factors associated with CKDu.

The Department has also identified large number of CKD cases from the Pakhanjure block of Kanker district of Chhattisgarh. With the help of the WHO and NCD division of NHM, Chhattisgarh, the department has conducted two camps to help in the diagnosis and management of the disease.

The department also organized a state level CME on the topic of CKDu in Chhattisgarh: Detect Early, Protect Kidney Health in Marginalized Population".

The department also conducted a state level training program on Dialysis and Chronic Kidney Disease screening and prevention and management of Dialysis unit for medical officers and staff nurse working in various district hospital and community health center.

The department continues to provide state of art services including Hemodialysis, Peritoneal dialysis, CAPD, Automated Peritoneal dialysis, Plasmapheresis, Hemoperfusion, CRRT, SLED, Isolated ultrafiltration, kidney Biopsy, tunneled dialysis catheter and peritoneal dialysis catheter insertion, AV Fistula creation and daycare facilities for Immunosuppression.

The Department Runs Five Special Clinics:

1) **Glomerular Disease Clinic:** It provides comprehensive care to patients suffering from Glomerular disease including daycare facilities. More than 1500 patients are registered in GDC

2) **CKDu clinic:** The clinic provides care to patients suffering from CKDu from the endemic belt of Orissa and Chhattisgarh including districts of Mahasamund, Gariyaband, Nuapada, Balangir, and Kalahandi. 350 patients are registered in the clinic.

3) **Pediatric Nephrology Special Clinic:-**The clinic provides care to children suffering from Kidney ailments with 133 patients in follow-up

4) **Peritoneal Dialysis Special Clinic**: - It provides care to more than 80 patients on CAPD who receive CAPD throughMVSSY and ABPMJAY Yojana PMNDP

5) Kidney Transplant Clinic: - It provides care to more than 150 patients of Kidney transplant recipients and their donors. The clinic also follows waitlisted patients for deceased donor kidney transplants. Till now150 patients have been registered for the same with SOTTO, Chhattisgarh.

EDUCATION

D.M. Nephrology:Six students are pursuing D.M. Nephrology at AIIMS Raipur

Regular classes and training for Dialysis Technicians and Nursing staff.

Interdisciplinary meetings with various departments like Urology, Pathology, Obstetrics and Critical Care Unit, Gynecology, and Pediatrics.

Two PhD students, Four DM students, and Twelve MD students of allied departments are doing their thesis in the department.

Three DM students,Nine MD students and Two MPH students have completed their thesis from the department.

CMEs/WORKSHOP/SYMPOSIA/NATIONAL & INTERNATIONAL CONFERENCES

S. No.	Title	CME/Conference	Date	Organized by
1.	CKDu in Chhattisgarh: Detect Early, Protect Kidney Health in Marginalized Population	World Kidney Day Celebrations	12.03.2025	Department of Nephrology, AIIMS, Raipur
2.	Dialysis and Kidney Diseases Training Program of Nursing Staff on Hemodialysis	Training Program under PMNDP (Jeevan Dhara) Program	10-12.03.2025	Department of Nephrology, AIIMS, Raipur and NHM Chattisgarhi
3.	Dialysis and Kidney Diseases Training Program of Medical Specialists/ Medical Officers on Hemodialysis	Training Program under PMNDP (Jeevan Dhara) Program	19-22.03.2025	Department of Nephrology, AIIMS, Raipur and NHM Chattisgarhi

LECTURES DELIVERED AT CMEs, NATIONAL & INTERNATIONAL CONFERENCES

Dr. Vinay Rathore

S. No.	Title	CME/Conference	Date	Organized by
1.	1. State of Art Insights Into Pregnancy and Pediatric Thrombotic Microangiopathics which will help in better managing pediatric disorder 2. International Home Dialysis Consortium (IHDC). 3. Acute Kidney Injury - Mechanism, Experimental Models and Biomarkers 4. Parenthood for Young Nephrologists; Opportunities and Challenges	World Congress of Nephrology 2025 (WCN25).	05-09.02.2025	International Society of Nephrology
2.	1. Evidence for Enhancing Prognostic Accuracy in CKD Population 2. Integration of Kidney Supportive Care in Mainstream Nephrology	32nd International Conference of the Indian Association of Palliative Care (IAPCON 2025)	30.01-02.02.2025	Indian Association of Palliative Care
3.	Living kidney donation: What we have learned from the registry studies, what we still need to learn	34th Congress of the Indian Society of Organ Transplantation (ISOT 2024).	17-20.10.2024	Indian Society of Organ Transplantation
4.	Post-Op Complications & Management	PDSICON 2024	05-06.10.2024	Peritoneal Dialysis Society of India
5.	Diagnosis, Prevention and management of CKD	Certificate Course in Chronic Kidney Disease (CKD)	23.07.2024	NCD cell-NHM, Government of Madhya Pradesh and Public Health Foundation of India
6.	1. Kidney support and extracorporeal therapies in children with AKI 2. Acute Peritoneal Dialysis Catheter insertion and Prescription	Acute Kidney Injury – Past, Present and Future" & Foundation Day Celebration	11-12.05.2024	Department of Nephrology, SGPGIMS Lucknow
7.	Use of Controlled release Budesonide in Indian patients with IgA Nephropathy	13th Interventional Nephrology Conference AVATAR 2024	12-14.07.2024	Interventional Nephrology Conference AVATAR organized by Nephrology Association of Karnataka

S. No.	Title	CME/Conference	Date	Organized by
8	Treatment of relapsed-refractory Hodgkin lymphoma and the role of stem cell transplant in the Management of Burkitt lymphoma and Burkitt-like lymphomas	"Lymphoma Insights: Shaping the Future of Treatment"	18.03.2025	Department of Medical Oncology and Department of Clinical Hematology, AIIMS Raipur
9.	Approach to difficult to treat SLE: A case-based discussion	NATIONAL SYMPOSIUM IN RHEUMATOLOGY AIIMS Raipur Rheumatology Update – 2025	22-23.02.2025	Department of Medicine, AIIMS Raipur
10.	The Common Oncological Emergencies: The Pearls and Pitfalls	United by Unique - Nurses ' Role in Shaping the Future of Oncology Care.	14.02.2025	College of Nursing, AIIMS Raipur
11.	A Silent Killer – Challenges in Saving Vital Organs and Improving Quality of Life	Continuing Nursing Eduction-2024	14.11.2024	College of Nursing, AIIMS Raipur

ORAL PAPERS/POSTERS PRESENTED

S. No.	Authors	Title	Conference	Date	Organised by
1.	Rathore V	Prevalence and characteristics of chronic kidney disease in endemic villages of chronic kidney disease of unknown etiology in Gariyaband district of Chhattisgarh	World Congress of Nephrology 2025 (WCN25).	06.02.2024 to 09.02.2024	International Society of Nephrology

RESEARCH
Funded Project
Ongoing

S. No.	Project	Principal Investigator	Funding Agency	Duration (years)	Start year-End year	Total funds sanctioned (Rs.)
1.	Characterization of hyponatremia in patients of Chronic Kidney Disease of unknown etiology (CKDu) visiting AIIMS Raipur	Dr. Vinay Rathore	DHR-ICMR Young Medical Faculty Program	5 years	2024-2029	Rs 50,00,000

S. No.	Project	Principal Investigator	Funding Agency	Duration (years)	Start year-End year	Total funds sanctioned (Rs.)
2.	Treatment of cardiovascular disease with low dose Rivaroxaban in Advanced Chronic Kidney Disease (TRACK)	Dr. Vinay Rathore	GIGH	5 years	2021-2027	Rs 10,35,810
3.	Allopurinol for CVD in CKD (AvoiD-CKD): A double-blind, randomized controlled trial	Dr. Vinay Rathore	PGIMER, Chandigarh, (India Alliance, DBT, Government of India/ Welcome Trust, U.K.)	3 years	2021-27	69,560/-
4.	A Phase 4, 52 Week, Single Arm, Multicentre, post-Marketing Surveillance to Evaluate the Safety of Desidustat for the Treatment of Anemia in Subjects with Chronic Kidney Disease (CKD).	Dr. Vinay Rathore	Zydus Lifesciences Ltd., Zydus Research Centre	2 years	2023-2025	Rs 25000/- per patient enrolled
5.	A Phase 3 Superiority Study Comparing the Safety and Efficacy of SNP-ACTH (1-39) Gel compared to Rituximab and FDA approved biosimilars in Adults with Primary Membranous Nephropathy (PMN) in a Two-Phase Adaptive Trial Design	Dr. Vinay Rathore	Cerium Pharmaceuticals, Inc 312 Main Street, Suite 300 Gaithersburg, MD 20878	3 years	2023-2026	Rs 2,23,938
6.	Impact of Yoga on Quality of Life of End-Stage Renal Disease Patients on Maintenance Hemodialysis - A Mixed Methods Pilot Study (YOGI-mHD	Dr. Vinay Rathore	Central Council for Research in Yoga & Naturopathy, New Delhi]	3 years	2023-2025	2.5 Lakhs

S. No.	Project	Principal Investigator	Funding Agency	Duration (years)	Start year-End year	Total funds sanctioned (Rs.)
7.	A Phase I study of locally administered AntiPlatelet, AntiCoagulant (APAC) at the time of vascular surgery to create a radiocephalic arterio-venous fistula (RCAVF) in patients with chronic kidney disease (CKD) to facilitate hemodialysis access.	Dr. Vinay Rathore	Cadila Pharmaceuticals Limited, 1389, Trasad Road, Dholka, Ahmedabad - 382225, Gujarat, India	6 month	2025 (till date ongoing)	25,000/-
8.	Metformin therapy in Polycystic Kidney Disease: A randomized, controlled trial.	Dr. Vinay Rathore	Department of Nephrology, PGIMER Chandigarh	3 years	2025-2028	Proposed 4000/- per participant
9.	Studies of Heart & Kidney Protection with BI 690517 in combination with empagliflozin: A multicenter, international, randomized, double-blind, placebo-controlled clinical trial of the aldosterone synthase inhibitor BI 690517 in combination with empagliflozin in patients with chronic kidney disease (Easi Kidney)	Dr. Vinay Rathore	George Institute for Global Health (TGI), New Delhi, India	5 years	2025-2030	Proposed 43,55,000

COMPLETED PROJECTS

S. No.	Project	Principal Investigator	Funding Agency	Duration (years)	Start year-End year	Total funds sanctioned (Rs.)
1.	Impact of Yoga on Patients with Chronic Kidney Disease on Peritoneal Dialysis – A mixed–method study (YOGII-PD).	Dr. Vinay Rathore	Intramural Project AIIMS Raipur	11 month	2023-24	1,54,500/-

S. No.	Project	Principal Investigator	Funding Agency	Duration (years)	Start year-End year	Total funds sanctioned (Rs.)
2.	A Phase 3, Multi-Centre, Randomized, Open-Label, Assessor-Blind Study to Evaluate the Efficacy and Safety of Mino-Lok Therapy (MLT) in Combination with Systemic Antibiotics in the Treatment of Catheter-Related or Central Line-Associated Bloodstream Infection	Dr. Vinay Rathore	Citius Pharma and Biorasi	1 year	2022-24	Rs 295000/-
3.	A Phase 2b, Randomized, Controlled Double-blind, Multicenter Study Comparing the Efficacy and Safety of Zetomipzomib (KZR-616) 30 mg or 60 mg with Placebo in Patients with Active Lupus Nephritis	Dr. Vinay Rathore	Kezar Life Sciences, Inc. 4000 Shoreline Court, Suite 300 South San Francisco, CA 94080 Telephone: +1-650-822-5600	3 years	2023-2026	Rs 15000/-
4.	Prevalence and Characteristics of Chronic Kidney Disease (CKD) in Supebada village of Devbhog block and Piperkhutta village of Manpur Block in Gariyaband District	Dr. Vinay Rathore	ICMR's MHRHU-Jheet-	1 year	2024-2025	Rs 15,00,000

Departmental Projects – Non-Funded Projects/ ICMR-STS Projects/ Thesis/Dissertations

Ongoing

S. No.	Project
1.	Study of Mineral Bone Disease in Patients of CKDu
2.	Prevalence and severity of sexual dysfunction in male patients of Non-diabetic chronic kidney disease- A cross-sectional study
3.	Prevalence and pattern of Involvement of Peripheral Neuropathy in CKDu Patients Compared With Non-Diabetic CKD Patients: A Cross-Sectional Study
4.	Dialysis versus Conservative Kidney Care in Older patients and/or Patients with severe comorbidities With Advanced Chronic Kidney Disease: An Observational Cohort Study

S. No.	Project
5.	Incidence and risk factors of catheter-related bloodstream infections (CRBSI) in CKD patients on maintenance Hemodialysis with tunneled hemodialysis catheters from Central India
6.	Clinical Spectrum and Pregnancy-Related Acute Study.
7.	Outcomes and out of pocket expenditure of newly initiated Renal Transplant Program in a Government Teaching Hospital in Chhattisgarh
8.	Clinical Profile, Histopathological Features, and Outcome of IgA Nephropathy in a Tertiary Care Hospital in Central India
9.	Prevalence and Risk factors associated with Sexual Dysfunction in Women with Chronic Kidney Disease: A Cross-sectional Study from Central India.

COMPLETED

S. No.	Project
1.	The assessment of Quality of Life and Caregiver burden among persons undergoing and followed up for Dialysis in the Department of Nephrology at AIIMS Raipur.
2.	An assessment of nutritional status in chronic kidney disease patients of unknown origin by Bioimpedance Spectroscopy.
3.	CAPD Uptake in Chhattisgarh
4.	Study of serum and urine heavy metals and fluoride levels in patients of chronic kidney disease of unknown etiology
5.	Characterization of hyponatremia in patients of Chronic Kidney Disease of unknown etiology (CKDu) visiting AIIMS Raipur

Collaborative Projects

Ongoing

S. No.	Project	Collaborating Department/Institution
1.	Study of small and middle molecules in children 6 months to 14 years undergoing peritoneal dialysis	Pediatrics
2.	A Comparative Analysis of Treatment Outcomes with N-Acetyl cysteine alone and N-Acetyl cysteine combined with Plasma Exchange in Acute Liver Failure following Acute Yellow Phosphorus Poisoning- A Prospective Observational Study.	Forensic Medicine
3.	A comparative observational study on the spectrum of renal USG elastography in patients with chronic kidney disease of unknown origin vs patients with chronic kidney disease secondary to hypertension & diabetes mellitus in a tertiary care center hospital in Raipur, Chattisgarh.	Radiodiagnosis
4.	A study on Outcome of Patients with Acute liver failure and acute on Chronic liver Failure undergoing PLEX an Observational study."	General Medicine

S. No.	Project	Collaborating Department/Institution
5.	"Profile of Chronic Kidney Disease in Pediatric Patients Visiting a tertiary Care Hospital in Central India - an ambispective study"	Pediatrics
6.	"Evaluation of Cardiac Autonomic Dysfunction In Non-diabetic Chronic Kidney Disease Patients"	General Medicine
7.	The difference in retinal thickness and retinal microvasular changes between diabetic retinopathy with and without diabetic nephropathy individuals. A cross-sectional, comparative study	Ophthalmology
8.	Early continuous renal replacement therapy versus standard care in critically ill children with septic shock: A pilot, single-center, open-label, randomized controlled trial	Pediatric Critical Care
9.	To determine the effect of Metformin on renal function and serum lactate levels in patients undergoing coronary angiography/angioplasty	Endocrinology
10.	An open-label, randomized, pragmatic clinical trial comparing the current clinical practices to pharmacologist-guided optimization of antimicrobial therapy based on average creatinine-urea clearance in critically ill patients – A Pilot study	Pharmacology
11.	Factors associated with successful liberation from continuous renal replacement therapy in critically ill: A prospective observational study	Critical Care Medicine
12.	The clinico-etiological profile of pleural effusion in patients with CKD in the Department of Nephrology and General Medicine in a tertiary health care center	General Medicine
13.	Ambispective study on outcomes of lupus nephritis and its correlation with baseline urinary IL-17 levels	General Medicine
14.	Comparison between the invitro Gate method, invitro plasma sampling technique, and CKD-EPI 2021 equation for evaluation of GFR in voluntary kidney donors	Nuclear Medicine

COMPLETED

S. No.	Project	Collaborating Department/Institution
1.	Occult Hepatitis-B Infection among chronic kidney disease patients in a tertiary health care center: A preliminary study	Microbiology
2.	Prevalence of left ventricular systolic dysfunction measured by Global longitudinal strain echocardiography in chronic kidney disease patients with preserved left ventricular ejection fraction and its correlation to renal biochemical parameters.	Cardiology
3.	Early versus conventional initiation of RRT in children with Acute Kidney Injury: A Randomized controlled trial	Pediatric Critical Care

S. No.	Project	Collaborating Department/Institution
4.	Evaluation of dried blood spot (DBS) for diagnostic feasibility in the detection of anti-HCV antibody, HCV RNA quantitation, and HCV genotyping.	Microbiology
5.	Utility of surveillance cultures and infection control bundle compliance rates to predict catheter colonization and CLABSI among patients undergoing acute hemodialysis through non-tunneled catheter	Microbiology
6.	Comparison of various serological assays and RNA POC (point of care) tests for the laboratory diagnosis of Hepatitis C Virus infection among patients on hemodialysis and venereal disease patients	Microbiology
7.	Evaluation of Changes in Ocular Parameters in Patients Undergoing Hemodialysis	Ophthalmology
8.	Correlation of Th17 cells and cytokines (IL-17 and IL 10) with disease activity index in SLE	Biochemistry
9.	Clinical and laboratory profile of patients with lupus nephritis – study from central India	General Medicine
10.	Assessing protein-energy wasting (PEW) in idiopathic adult-onset nephrotic syndrome using bio-impedance spectroscopy (BIS)	General Medicine
11.	A Comparative study of N- Acetyl Cysteine alone versus N-Acetyl Cysteine in conjunction with Plasma Exchange for the Management of Acute Liver Failure following Acute Yellow Phosphorus Poisoning: An Observational Study	Medical and Forensic Toxicology
12.	Study of small and middle molecule clearance rate in children undergoing Acute Peritoneal Dialysis in Tertiary Care Hospital In Central India – A Prospective Observational Study	Pediatrics
13.	Profile of Chronic Kidney Disease in Pediatric Patients Visiting a Tertiary Care Hospital in Central India - an ambispective study	Pediatrics
14.	A Cross-sectional study on the spectrum of renal involvement among Sickle cell anemia patients at AIIMS	General Medicine
15.	Prevalence of chronic kidney disease among psoriasis patients in a tertiary care institute of central India - a cross-sectional study	Dermatology

PUBLICATIONS

1. Saha AK, Bodhey NK, Kashyap NK, Rathore V, Badge RP, Aggarwal J, Pathak NM. Tunneled Hemodialysis Catheter Making its Way into the Spinal Canal: An Unusual Complication. Indian J Nephrol. 2025 May-Jun;35(3):425-426.
2. Humphrey TJL, Qian W, Chen-Xu M, Dowling F, Gatley K, Adhikari R, Hensman T, Stockley L, Bassi A, Bathla N, Dasgupta I, Dosanjh DPS, Jellingsø M, Sørensen P, Jensen ML, Callesen AW, Bradley JR, Jha V, Sommer MOA, Hiemstra TF, Smith RM. Prophylaxis for renal patients at risk of COVID-19 infection: results from the intranasal niclosamide randomised, double blinded, placebo controlled arm of the PROTECT-V platform trial.BMC Infect Dis. 2025 Feb 11;25(1):204.
3. Meena P, Beniwal P, Pegu G, Singh S, Jhorawat R, Bhargava V, Thaniga D, Panda S, Suren S, Pal Singh P, Sirkanungo P, Rani K, Tiwari I, Rathore V, Kandari S, Pant P, Pal A, Mukherjee P, Verma H, Kute V, Fernando ME. Study

Design of a Nationwide Network Indian Cohort of Pregnancy-Associated Acute Kidney Injury (iPRAKI NET).Kidney Int Rep. 2025 Feb;10(2):291-295.
4. Meena P, Das P, Rathore V, Panda S, Popa C. Snow White's tale in nephrology: the emerging threat of skin-whitening creams on kidney health.Clin Kidney J. 2025 Jan;18(1):sfae358.
5. Pathak NM, Pant K, Aggarwal J, Samanta J, Ganguly S, Rathore V. Complete renal response of IgA vasculitis with steroid and mycophenolate mofetil in an adult HIV patient.Trop Doct. 2025 Jan;55(1):60-61.
6. Singh C, Prabha N, Rathore V. Dermatologic Manifestations in Chronic Kidney Disease Patients.Skinmed. 2024;22(6):443-450.
7. Aggarwal J, Pathak NM, Rathore V, Paras Badge R, Sharma A. Acute Kidney Injury Secondary to Leukemic Infiltration of the Kidneys in M3 Acute Myeloid Leukemia.Indian J Nephrol. 2024 Nov-Dec;34(6):671-672.
8. Saha AK, Padhi P, Hota D, Rathore V. Neonatal Acute Kidney Injury due to Maternal Olmesartan Intake: Authors' Reply.Indian J Pediatr. 2024 Nov;91(11):1208.
9. O'Hara DV, Bassi A, Wilcox A, Jha V, Rathore V, D'Cruz S, Snelling TL, Jones M, Totterdell J, Bangi A, Jain MK, Pollock C, Burrell L, Fox G, Jones C, Kotwal S, Faridah Syed Omar S, Jardine M. Combination of the chemokine receptor type 2 (CCR2) antagonist DMX-200 and candesartan for COVID-19: a randomised controlled trial.BMJ Open. 2024 Oct 22;14(10):e081790.
10. Aggarwal J, Rathore V, Goel AK, Bala S, Saha AK, Sharma AR. Continuous Ambulatory Peritoneal Dialysis as Kidney Replacement Therapy in a child withHemophiliaA.Indian J Pediatr. 2024 Oct;91(10):1104.
11. Saha AK, Padhi P, Hota D, Rathore V. Neonatal Acute Kidney Injury due to Maternal Olmesartan Intake.Indian J Pediatr. 2024 Aug;91(8):869.
12. Verma S, Shah S, Nanda R, Meher J, Rathore V, Patel S, Mohapatra E. Exploring the Role of Th 10 Cells and IL-10 in Systemic Lupus Erythematosus.Cureus. 2024 Jul;16(7):e63875.
13. Badge R, Rathore V, Aggarwal J. Filariasis-Associated Secondary Membranous Nephropathy: A Rare Presentation.Indian J Nephrol. 2024 Jul-Aug;34(4):385-387.
14. Chowdhary PK, Kumar A V V, Kale SA, Nayak S, Joshi P, Badge RP, Rathore V. Histopathological Spectrum of Kidney Biopsy in Central India: A Two Center Retrospective Study.Indian J Nephrol. 2024 Jul-Aug;34(4):379-382.
15. Aggarwal J, Rathore V, Agrawal V, Badge RP, Sharma AR, Sharma A, Pathak NM. Metastatic Calcification in Allograft Kidney Due to Persistent Secondary Hyperparathyroidism: A Rare Cause of Graft Dysfunction.Exp Clin Transplant. 2024 Jul;22(7):568-571.
16. Galhotra A, Rathore V, Pal R, Nayak S, Ramasamy S, Patel S, Joshi P, Nagarkar NM, Jha V. Clinico-Epidemiological Profile of Patients with Chronic Kidney Diseases of Unknown Etiology: A Hospital-Based, Cross-Sectional Study from Central India.Indian J Nephrol. 2024 May-Jun;34(3):241-245.
17. Aggarwal J, Kumar DJ, Rathore V, Mehta R, Kumar A, Ravina M. Acute Airway Obstruction: An Unusual Presentation of Posttransplant Lymphoproliferative Disorder in a Renal Transplant Recipient.Exp Clin Transplant. 2024 Apr;22(4):307-310.
18. Kumar A V V, Rathore V, Badge R, Sharma A, Singh N, Jain K. Increased Uptake of Peritoneal Dialysis after Inclusion of Peritoneal Dialysis in MukhyamantriVisheshSwasthyaSahayata Yojana in Chhattisgarh.Indian J Nephrol. 2024 Mar-Apr;34(2):201-202.
19. Aggarwal J, Yelavarthy YM, Rathore V, Bodhey NK, Ramchandani R. Spontaneous Colonic Perforation in a Patient on Peritoneal Dialysis. Indian J Nephrol. doi: 10.25259/IJN_108_2025.
20. Saha AK, Das P, Rathore V, Badge R, Pathak NM. From Water to Blood: Cupriaviduspauculus Bacteremia in a Hemodialysis Patient. Indian J Nephrol 2025;35:572-4.

Abstracts Published in Journal(s):

Chapter(s) in Books

1. Rathore V, Jain K, Singh N, Galhotra A, Patel S, Pervez S, Yadav R, Chowdry P, Chandrakar A, Saha A. WCN25-3833 Prevalence And Characteristics Of Chronic Kidney Disease In Endemic Villages Of Chronic Kidney Disease Of Unknown Etiology In Gariyaband District Of Chhattisgarh. Kidney International Reports. 2025 Feb 1;10(2):S322-3.
2. Rathore V, Patel S, Pandit V, Nayak S, Aggarwal J. WCN25-4160 Fasting Urine Osmolarity In Residents Of Endemic Area Of Ckdu Visiting Aiims Raipur. Kidney International Reports. 2025 Feb 1;10(2):S630-1.
3. Aggarwal J, Rathore V, Saha AK, Patel S, Agrawal V, Ghosh A, Pathak NM, Badge RP. WCN25-547 Hyponatremia And Other Electrolyte Disorders In Patients Of Chronic Kidney Disease Of Unknown Origin (Ckdu): Why Are They So Different?. Kidney International Reports. 2025 Feb 1;10(2):S1-2.
4. Saha A, Rathore V, Aggarwal J, Patel S, Bajpai S, Badge R, Upadhyay K, Pathak N. WCN25-4401 Serum And Urine Heavy Metals And Fluoride Levels In Patients With Chronic Kidney Disease Of Unknown Etiology (CKDu). Kidney International Reports. 2025 Feb 1;10(2):S631.
5. Chauhan S, Gulati S, Chaudhary AR, Jasuja S, Khullar D, SARAF K, Rathore V, Meshram HS. WCN25-3679 Open label, single arm, multicenter, prospective study on oral enteric coated budesonide therapy for primary IgA nephropathy. Kidney International Reports. 2025 Feb 1;10(2):S226-7.
6. Patel S, Rathore V. WCN25-1349 Is Bilateral Nephrectomy In End-Stage Renal Disease Patients With Refractory Hypertension A Lost Art?–A Case Series. Kidney International Reports. 2025 Feb 1;10(2):S99-100.

PATIENT CARE

OPD	IPD	RENAL BIOPSY	ACUTE PERITONEAL DIALYSIS	CAPD	HEMO-DIALYSIS	SLED	CRRT	PLASMA PHERESIS	PERMACATHS INSERTION	AVF CREATION	LIVE TRANSPLANT	DECEASED TRANSPLANT
21487	1832	249	45	1800	7113	97	82	547	286	24	15	4

Special Clinic

Glomerular Disease Clinic	171
Renal Transplant Clinic	1319
Pediatric Nephrology Clinic	475
Peritoneal Dialysis Clinic	345
CKDu Clinic	360

AWARDS, HONOURS AND SIGNIFICANT EVENTS

Dr Vinay Rathore has been selected for DHR-ICMR Young Medical Faculty (2024- 2029) PhD program on the topic 'Understanding Chronic Kidney Disease of Unknown Origin in Chhattisgarh: Hospital and Community level Detection, Epidemiology, Risk Factors and Preventative Strategies'

Department of Nuclear Medicine

Associate Professor & In-Charge
Dr. Mudalsha Ravina
Assistant Professor
Dr. Shobhana Raju

HIGHLIGHTS

AIIMS Raipur has introduced a five-bedded **high-dose therapy ward**, making it the first such facility in the state of Chhattisgarh and among the newly established AIIMS under the PMSSY scheme.

Iodine-131 therapy, used in this high-dose therapy, employs beta radiation to treat and destroy remaining cancer cells after surgery. The radiation is specifically targeted at the thyroid gland and metastatic areas, ensuring minimal impact on the rest of the body. The therapy, which ranges from 30mCi to 200mCi of Iodine-131, is offered at affordable rates at the institute.

The first patient was successfully treated in March under the expert supervision of the Nuclear Medicine Department, led by **Dr. Mudalsha Ravina** (In-charge & Associate Professor), **Dr. Shobhana Raju** (Assistant Professor), and **Mr. Sai Shiv Narayan** (Radiation Safety Officer). To date, eight patients have been treated, with plans to increase the number of patients treated each month in an affordable manner.

EDUCATION

MD Nuclear Medicine students 06.

LECTURES DELIVERED AT CMEs, NATIONAL & INTERNATIONAL CONFERENCES

Dr. Mudalsha Ravina

S. No.	Title	CME/Conference	Date	Organized by
1.	Role of Nuclear Medicine in Nephrology	Role of Nuclear Medicine in Nephrology	17.05.2024	Nephron society Chhattisgarh
2.	Technological innovations & future directions in emerging trends of radiopharmaceuticals	National Seminar (Keynote Speaker)	20.09.2024	Rungta Institute of Pharmaceutical Sciences under aegis of AERB

S. No.	Title	CME/Conference	Date	Organized by
3.	AI and Textural analysis in NM	ANMPICON	27.09.2024-29.09.2024	Association of Nuclear Medicine Physicians of India. PGIMER, Chandigarh
4.	PET-CT in oral malignancies	Oral cavity carcinoma-comprehensive management	14.10.2024	Dept. of ENT, AIIMS Raipur
5.	Role of Nuclear Imaging in Spinal Tuberculosis	CME on World spine day	15.10.2024	CG orthopedic association and dept of orthopedics AIIMS Raipur
6.	Radiopharmaceuticals: Past, present and future	Innovations and Safety in Radiopharmaceuticals: Pioneering Diagnosis and Therapy in Modern Medicine	13.11.2024	Rungta college of pharmaceutical sciences and research (AERB)
7.	To scan or Not –Nuclear Imaging indications for thyroid swelling –pre and post surgery	Multidisciplinary management of thyroid disorders/cme	21.02.2025	Dept of ENT, AIIMS Raipur
8.	Regulatory and safety considerations in the development of Nuclear Medicine balancing innovation and compliance	INCON 25 International Conference 2025	22.02.2025	Anjaneya University
9.	PET/CT in Cardiac Imaging: Flames of Infection	NCSICON	08.03.2025-09.03.2025	National cardiological society of India. Sarvodaya Hospital, Faridabad
10.	Role of PET-CT in Staging & response evaluation of lymphoma	State level Conference on Lymphoma	18.03.2025	Department of Medical Oncology, AIIMS Raipur

ORAL PAPERS/POSTERS PRESENTED

S. No.	Authors	Title	Conference	Date	Organised by
1.	Pratheek NP; Ravina M; Thippanahalli Ganga R; Kumar A; Shukla AK; Kote R.	Role of 18F-Fluorodeoxyglucose Positron Emission Tomography Metabolic Radiomics in Predicting Treatment Response in Patients with Non-Small Cell Lung Cancer	SNMICON 2024	05.12.2024-08.12.2024	Society of Nuclear Medicine & Molecular Imaging, Kovai Medical centre and hospital, Coimbatore.

RESEARCH
Funded Project
Ongoing

S. No.	Project	Principal Investigator	Funding Agency	Duration (years)	Start year-End year	Total funds sanctioned (Rs.)
1.	Diagnostic outcome of PET/CT guided biopsy of intrathoracic lesions with robotic navigation system	Dr. Mudalsha Ravina	AIIMS Raipur	01, extension granted	2022-2025	3,09,553

Departmental Projects – Non-Funded Projects/ ICMR-STS Projects/ Thesis/Dissertations
Completed

S. No.	Project
1.	Role of 99m-Tc TRODAT in differentiating between idiopathic Parkinson's disease and drug induced Parkinson's.
2.	Role of FDG PET-CT in assessment of myocardial viability in patients with coronary artery disease associated left ventricular dysfunction
3.	Role of splenic scintigraphy in sickle cell anemia
4.	Role of 18F- FDG PET-CT in initial staging & prediction of bone marrow involvement in newly diagnosed lymphoma patients in correlation with bone marrow study.
5.	Role of FDG PET-CT in pretreatment evaluation of oral carcinoma
6.	Role of triple phase bone scintigraphy in TMJ arthritis
7.	Assessment of right ventricular ejection fraction by first pass radionuclide ventriculography and its comparison with echocardiography determined surrogate marker of right ventricular function in patients with dilated cardiomyopathy

S. No.	Project
8.	Role of textural parameters in predicting histological & molecular subtype in grade of tumor in breast cancer patients
9.	Correlation of myocardial perfusion imaging with coronary artery calcification scoring in evaluation of coronary artery disease in an intermediate risk population.

Collaborative Projects

Ongoing

S. No.	Project	Collaborating Department/Institution
1.	Role of 18F-FDG PET-CT Metabolic Radiomics in Predicting Treatment Response in Patients with Non-Small Cell Lung Cancer - An Ambispective Study	Pulmonology, Medical Oncology
2.	A case control study on prevalence and characterization of mineral bone disease in patients of CKD	Nephrology
3.	Appropriate use criteria in myocardial perfusion imaging in All India Institute of Medical Sciences, Raipur- an audit.	Cardiology
4.	Comparison between in vitro gate's method, in vitro plasma sampling technique and chronic kidney disease epidemiology collaboration (CKD EPI) 2021 equation for evaluation of glomerular filtration rate in voluntary kidney donors	Nephrology
5.	Association between parotid scintigraphy parameters and degree of Xerostomia in Head and Neck cancer patients receiving parotid sparing volumetric modulated are therapy : A pilot study	Radiation Oncology
6.	Comparison of diagnostic yield, safety and patient acceptability of radial EBUS with other transthoracic diagnostic modalities in patients with lung parenchymal mass lesion	Pulmonary Medicine
7.	Correlation among Thyroid: Parotid uptake ratio (TPR), Thyroid: Submandibular gland uptake ratio (TSmR), Thyroid: Salivary gland uptake ratio (TSR) and Thyroid uptake percentage in 99m Tc pertechnetate thyroid scan in biochemically diagnosed hyperthyroid patients.	Endocrinology
8.	Evaluating Disease Activity in Large-Vessel Vasculitis with Positron Emission Tomography Vascular Activity Score and Total Vascular Score.	General Medicine
9.	IHC markers in Endometrial Carcinoma	Pathology

PUBLICATIONS

1. Kote R, Ravina M, Goyal H, et al. Role of textural and radiomic analysis parameters in predicting histopathological parameters of the tumor in breast cancer patients. Nucl Med Commun. 2024;45(10):835-847.
2. Kote R, Ravina M, Thippanahalli Ganga R, Singh S, Reddy M, Prasanth P, Kote R. Role of Textural Analysis Parameters Derived from FDG PET/CT in Diagnosing Cardiac Sarcoidosis. World J Nucl Med. 2024 Jul 12;23(4):256-263.
3. Aggarwal J, Kumar DJ, Rathore V, Mehta R, Kumar A, Ravina M. Acute Airway Obstruction: An Unusual Presentation of Posttransplant Lymphoproliferative Disorder in a Renal Transplant Recipient. Exp Clin Transplant. 2024 Apr;22(4):307-310.
4. Johns J, Goel AK, Jondhale S, Venkatesan DK, Ravina M, Shah S, Syal S. Splenic Dysfunction in Children With Sickle Cell Disease: A Single Centre Experience From Central India. Indian Pediatr. 2024;61(9):817-822.
5. Gupta RK, Rekhi B, Sharma M, Ganga R, Ravina M, Kumar A, Sahu D. The BCOR-rearranged sarcoma involving the lung: Diagnosis with clinical outcome and literature review. Indian Journal of Pathology and Microbiology 2024;67(4): 865-869.
6. Banjare AK, Arora RD, Ravina M, Prajwal SD, Rao KN, Nagarkar NM. Role of the FDG PET CT Scan in Pretreatment Evaluation of Oral Carcinomas. Indian J Otolaryngol Head Neck Surg. 2024;76(6):5346-5352.
7. Reddy M, Ravina M, Goyal H, Kumar A, Kote R. Nivolumab and Cabozantinib Immunotherapy Induced Thyroid Dysfunction Detected on 18F-FDG PET/CT in Renal Cell Carcinoma. Clinical Nuclear Medicine 2024; 49(10): e523-e524.

Chapter(s) in Books

Sl No.	Author (s)	Chapter Title	Editor	Book	Edition	City of Publication	Publisher	Year of Publication	First-Last Page
1.	RokkamR, Badole PG, Sahy P, Ravina M	Ch: 72-An Approach to a case of Face and Neck swelling in a smoker	Jyotirmoy Pal, Nandini Chatterjee	API Medicine A-Clinical Compendium 2025	2025	Delhi	Jaypee	2025 (ISBN number-9789366168357)	261-265

PATIENT CARE

Facilities available in the department

1. SPECT/CT Scan
2. PET/CT Scan
3. Thyroid Probe
4. Nuclear Medicine therapy clinic for bone pain palliation, thyrotoxicosis and differentiated thyroid cancer
5. High Dose Therapy Ward
6. PET guided biopsies with Robotic Navigation system

SPECT/CT	PET/CT	Radioiodine Therapy for Thyroid Carcinoma and Thyrotoxicosis Radio-Active Iodine Uptake Study	I 131 High Dose Therapy	PET Guided Biopsies
1943	2720	45	08	26

AWARDS, HONOURS AND SIGNIFICANT EVENTS

Dr. Mudalsha Ravina

1. Patrika Medex award –Young achiever under 40 in Nuclear medicine for the contribution to the state and society
2. Executive Committee member of Society of Nuclear Medicine (SNM), India
3. Life member of SNMI, NCSI, ANMPI (Association of Nuclear Medicine Physicians, India), Indian College of Nuclear Medicine, National Academy of Medical Sciences, Indian Medical Association
4. Panelist for national teaching program under aegis NBEMS for DNB Nuclear Medicine Students.
5. Chairperson for Nuclear Medicine education session in SNMICON 2024 held between 05.12.2024 to 08.12.2024 in Coimbatore, Tamil Nadu, India.
6. Regular teaching classes for DNB Nuclear Medicine students (NBE) (multiple topics on thyroid, renal, cardiology, PET-CT) conducted on Saturday on online mode throughout the year.

Dr. Shobhana Raju

1. Panel Discussion on management of Pediatric Non-Hodgkin Lymphoma, Department of Medical Oncology, AIIMS Raipur on 18.03.2025
2. Life member of SNMI, ANMPI (Association of Nuclear Medicine Physicians, India), NAMS (National Academy of Medical Sciences).
3. Reviewer in Indian Journal of Nuclear Medicine.

DEPARTMENT OF OBSTETRICS AND GYNAECOLOGY

Professor and Head
Dr. Sarita Agrawal
Professors
Dr. Nilaj Bagde
Dr. Pushpawati Thakur
Additional Professors
Dr. Vinita Singh
Dr. Sarita Rajbhar
Associate Professor
Dr. Chandrashekhar Shrivastava

HIGHLIGHTS

The Department of Obstetrics and Gynaecology is a cornerstone of medical education and women's health care in the institution. It is dedicated to the comprehensive training of undergraduate and postgraduate medical students in all aspects of obstetrics and gynaecology, including maternal health, family planning, reproductive medicine, fetal medicine, and gynecologic surgery, oncological surgery. Apart from this, department has efficiently trainmed four batches of fellows in PDCC Gynaecological endoscopy and PDCC high risk pregnancy. Now the department is all set to start a new PDCC on Gynaecological Oncology owing to the increasing numbers of patients in the particular field.

With a team of experienced faculty, the department combines clinical excellence with academic rigor, fostering a learning environment that emphasizes evidence-based practice, compassionate care, and continuous research. Equipped with modern labor rooms, operation theatres, and simulation labs, the department ensures students gain hands-on experience and practical skills. The department has worked in a concert with other departments like radiology and anaesthesiology to successfully manage high risk cases like placenta percreta thereby providing state of the art management of high risk cases. The department has performed more than 100 cases of invasive procedures in fetal medicine thus aiding in early diagnosis and management of genetic disorders in fetus.

To enhance the skills of postgraduate students, the department has organized multiple hands on workshops on intrauterine insemination, amniocentesis and laparoscopic procedures. The department is forefront in cervical screening programs by routinely performing liquid based cytologies in all women above 30 yrs of age and HPV DNA triaging with colposcopy is done in all indicated cases. Thus, working to achieve the goal of global strategy to accelerate the elimination of cervical cancer.

It also actively contributes to community outreach and women's wellness programs, making a meaningful impact both within and beyond the hospital setting.

EDUCATION

The department is continuously working towards development of clinical and surgical skills of undergraduate and post graduate students. The undergraduates and interns are made to assist vaginal deliveries and minor OPD procedures for better understanding of the subject. Case based discussions in evening postings helps in sharpening their clinical acumen. Academic classes for postgraduate and PDCC students are conducted thrice a week by interactive learning methods like white board teaching, quiz and panel discussions. Birthing simulators and laparoscopic simulators provide an extra edge to knowledge acquisition. Post graduates are further trained in essential surgical skills as per curriculum in extensively supervised manner.

CMEs/WORKSHOP/SYMPOSIA/NATIONAL & INTERNATIONAL CONFERENCES

S. No.	Title	CME/Conference	Date	Organized by
1.	ISCCPCON 2024	National Conference	13-14.04.2024	Department of obstetrics and gynecology AIIMS Raipur under the aegis of ISCCP
2.	FETOGYAN 2024 by Society of Fetal medicine	CG state level conference	04.08.2024	Department of obstetrics and gynecology AIIMS Raipur under the aegis of National Society of fetal medicine
3.	IUI workshop	Workshop	10.08.2024	Department of obstetrics and gynecology AIIMS Raipur
4.	J and J supported mentorship in Gyne endoscopy by Dr Prashant Bhamare	Mentorship workshop	26-27.09.2024	Department of obstetrics and gynecology AIIMS Raipur
5.	CME on Updates in PCOS and ovarian maLignancy	CME	05.10.24	Department of obstetrics and gynecology AIIMS Raipur
6.	Guest lecture ovarian stimulation and IVF	Guest lecture by external faculty Dr Nagaraj (HOD OBGY AIRFORCE HOSPITAL , BANGALORE)	19.12.2024	Department of obstetrics and gynecology AIIMS Raipur
7.	CME on Updates in PCOD	CG STATE LEVEL CME	25.01.2025	Department of obstetrics and gynecology AIIMS Raipur

S. No.	Title	CME/Conference	Date	Organized by
8.	Cervical Cancer Awareness - 2025 (in asso. with College of Nursing		27.01.2025	Department of obstetrics and gynecology AIIMS Raipur and CIlege of nursing
9.	FOGSI supported EAGLE project on endoscopic surgeries	National Workshop	13-14.02.25	Department of obstetrics and gynecology AIIMS Raipur under the aegis of FOGSI and IAGE
10.	Womens day Celebration – Poster making competition for all staff	CME	08.03.2025	Department of obstetrics and gynecology AIIMS Raipur
11.	Symposium on Fetal Medicine	Symposium on prenatal diagnosis by D r. Shreaya Dr. Purvi Agrawal	08.03.2025	Department of obstetrics and gynecology AIIMS Raipur
12.	Ultrasound Colour Doppler Two Day Hands on Training programme for PG Student	Training programme for residents and faculty	22-23.03.2025	Department of obstetrics and gynecology AIIMS Raipur

INTERDEPARTMENTAL MEETINGS ORGANISED BY THE DEPARTMENT

S. No.	Date	Nature of Class/ interdepartmental meeting	Departments/ Faculty involved
1.	11.06.2024	Interdepartment meeting for ANC Patient Mona singh with lupus flare and Tuberculosis	Nephrology, Dermatology, G. Medicine, Pulmonary medicine
2.	13.06.2024	Interdepartment meeting for ANC Patient Nazmeen for PLHA with pancytopenia in pregnancy	Infectious diseases G, Medicine Hematology
3.	26.06.2024	Interdepartment meeting for ANC Patient Gulafsa Parveen with chronic calcific pancreatitis/ cholelithiasis/ bilateral medullary nephrocalcinosis/ TIRADS 4 thyroid mass	Gastro medicine, G Surgery, ENT, Nephrology
4.	05.07.2024	Tumor board meeting for patient Lalita bai ca cervix stage 3c with bilateral ovarian masses	Radiotherapy Medical oncology
5.	25.07.2024	Guest lecture on Antenatal infections	Dr Prashan Badole (DM Infectious disease, AIIMS Raipur)
6.	05.09.2024	Tumor board meeting for patient Padmawati with endometrial stromal sarcoma	Radiotherapy Medical oncology
7.	14.12.2024	Tumor board meeting for patient Virajo with Ca cervix stage 1B2 with urosepsis/ AKI on CKD/ Mod anaemia	Radiotherapy, Medical oncology, Nephrology, Hematology

S. No.	Date	Nature of Class/ interdepartmental meeting	Departments/ Faculty involved
8.	08.04.2025	Interdepartmental meeting for ANC Patient Santoshi with pancytopenia	Hematology, Neonatology, G. Medicine
9.	16.04.2025	Interdepartmental meeting for ANC patient Sambati with malignant Liver mass in pregnancy	G. Medicine, Neonatology, Gastrosurgery, Radiology, Medical oncology

LECTURES DELIVERED AT CMEs, NATIONAL & INTERNATIONAL CONFERENCES

Dr. Sarita Agrawal

S. No.	Title	CME/Conference	Date	Organized by
1.	East Zone Vice President Conference (VPCON 2024)	Conference	29.11.-01.12.2024	Bhubaneshwar
2.	AFOG-SAFOG 2025	Conference	20-22.02.2025	Dubai
3.	Collaborative and holistic care of pregnant women and has special focus on gender equity and VAW	Conference	22-23.03.2025	Mahatma Gandhi Institute of Medical Sciences (MGIMS), Sewagram, Maharashtra.
4.	Training of Doctor Trainers (TOT) in National Emergency Life Support (NELS)	CME	24-28.03.2025	Indira Gandhi Institute of Medical Sciences (IGIMS), Patna Bihar

Dr. Nilaj Bagde

S. No.	Title	CME/Conference	Date	Organized by
1.	1. Science of scientific writing and Literature search 2. As Judge for paper competition	The FOGSI SOUTH ZONAL CONFERENCE with YUVA 2024	09-11.08.2024	FOGSI
2.	1. Live workshop on Hysteroscopy as chairperson 2. As chairperson on FOGSI GCPR : Guideline overview	AICOG 2025 Mumbai	08-12.01.2025	FOGSI
3.	Operating Faculty TLH	Live Workshop on Basic Gynaecological Endoscopy AIIMS Bhubaneswar	27.03.2025	AIIMS Bhubaneswar

ORAL PAPERS/POSTERS PRESENTED

Dr. Nilaj Bagde

S. No.	Authors	Title	Conference	Date	Organised by
1.	Co author	Bartholin or vulval metastasis of GTN: A diagnostic dilemma	16th Indian Society of Colposcopy and Cervical Pathology, ISCCPCON Raipur	13 - 14.04.2024	AIIMS Raipur (2nd prize in poster presentation)
2.	Co author	An Unusual case presentation of Pregnancy associated Breast Cancer	FOGSI International East Zone Vice - President Conference VPCON 2024	29-30.11 - 01.12.2024	Association of Obstetrician&Gynaecologists of Orissa
3.	Co author	OHVIRA Syndrome : Shedding Light on a rare condition	67th All India Congress of Obstetrics and Gynecology (AICOG) 2025	08-12.01. 2025	Association of Obstetrician&Gynaecologists of Orissa
4.	Co author	Maternal and Perinatal outcome in Pregnancy complicated by Portal Hypertension- an experience in a tertiary care center	67th All India Congress of Obstetrics and Gynecology (AICOG) 2025	08-12.01. 2025	Mumbai Obstetric and Gynaecological Society (MOGS)
5.	Co author	Scar ectopic Pregnancy: Navigating Rare Implantation Risks	40th Annual National conference of ISOPARB	14 -16.02. 2025	ISOPARB-Vijayawada chapter supported by Vijayawada OBG society & NRI Medical college

RESEARCH
Funded Project
Ongoing

S. No.	Project	Principal Investigator	Funding Agency	Duration (years)	Start year-End year	Total funds sanctioned (Rs.)
1.	Evaluation of maternal and fetal outcomes in women diagnosed with GDM or normo-glycaemia using IADPSG criteria, among women diagnosed with normoglycemia by DIPSI criteria: Prospective multi-center observational cohort study	Dr. Sarita Agrawal	ICMR- Delhi	6 years	2021- 2026	Budget for 1 site: Rs 6518299 /- Budget for 7 sites: Rs 45628094/-
2.	Association of Gut ,icrobiotadysbiosis with gut-brain peptides sex hormones fecal metabolites and clinical outcome in obese woman with polycystic ovary syndrome	Dr. Dablu lal Gupta	Intramural	1 year	2024 – 2025	Funding awaited
3.	National Pregnancy and Cardiac Disease Study (NPAC India Study) - multicentric	Dr. Sarita Agrawal	ICMR	4 years	2024-2028	Funding awaited
4.	Predictive Algorithm for Intrauterine Growth Restriction by Integrating Patient demographics, microplastics level, Biomarkers &Foetal USG.	Prof. (Dr.) Eli Mohapatra	Extramural	3 years	March 2025 - 2028	Funding awaited
5.	A real-world prospective study to evaluate the geographical distribution of prevalence, sensitization rate, and utilization of prophylactic treatment of Rh-negative women in India	Dr. Nilaj kumar Bagde	Bharat serum	1 year	2024-2025	45000/-

Completed

S. No.	Project	Principal Investigator	Funding Agency	Duration (years)	Start year-End year	Total funds sanctioned (Rs.)
1.	National Registry on COVID-19 infection among pregnant women and their neonates" ICMR Multi centre Project	Dr. Sarita Agrawal	ICMR	4 years	2020-2024	
2.	Role of patient blood management checklist in improvement of patient specific objectives	Dr. Sankalp Sharma	Extramural	1 year	2023-2024	
3.	Evaluation of prevalence, regional phenotypic variation, co morbidities, risk factors and the variations in response to different therapeutic modalities among Indian women with polycystic ovary syndrome (PCOS): A Multicenter study across Indiaphase -1	Dr. Sarita Agrawal	ICMR	5 years	2018-2023	
4.	Establishment of DMT Nidankendra at AIIMS Raipur 2. Screeing of pregnat woman and new born in aspirational Rajnadgaon	Dr. Anil Kumar Goel	Intramural	1 year	2023-2024	
5.	Clinical phenotypes and genetic regulation of endometriosis in Indian women	Dr. Nilaj kumar Bagde	Wellcome Trust DBT India Alliance with ICMR	5 years	2019-2024	3,65,93,612/-
6 .	Role Of Geminin As A Tool For Augmenting Accurate Diagnosis Of Cervical Neoplasia'	Dr. Nilaj kumar Bagde	AIIMS Raipur	5 years	2019-2024	500000/-

Departmental Projects – Non-Funded Projects/ ICMR-STS Projects/ Thesis/Dissertations

Ongoing

S. No.	Project
1.	Impact of structured nutritional counselling and nutritional advices on birth weight of neonates. **Thesis guide** for PG Resident**Dr. Dodla MuniRajya Lakshmi**
2.	Predictive accuracy of modifiedWHO and (Cardiac disease inpregnancy)CARPEG II clinical risk assessment scoring systems for cardiac complications among pregnant women with heart disease. **Thesis guide** for PG Resident **Dr. Pulli Pallavi Krishna**
3.	The efficacy of transcutaneous electrical nerve stimulation (TENS) for pain relief during first stage of labor- a single blind randomized controlled trial. **Thesis guide** for PG ResidentDr. Paritosh Gupta
4.	An Innovative Investigation of Hormonal Shifts in Expectant Mothers using Speech Signal Analysis for Monitoring the Maternal and Fetal Behavioral and Psychological Health.. **Thess Guide** for PhD Scholar Neha Verma
5.	Evaluation of Diagnostic Accuracy of intra-op Imprint Cytology Versus Frozen Section in pelvic masses suspicious of malignancy. **Thesis guide** for PG Resident **Dr. Pawan Kumar Vijayvergeeya**
6.	Immunohistochemical Expression of Moesin and Ezrin in Endometrial Carcinoma At Tertiary Care Center In Chhattisgarh. **Thesis Co-Guide** for PG Resident Dr. Shweta Mohapatra Guide Dr. Rahul Satarkar
7.	Assessing the Impact of Yoga and Counselling among Antenatal Mothers on Breastfeeding Practices During the Neonatal Period: A Prospective Comparative Study. **Thesis Co-Guide** for PG Resident Dr. Vivek Tiwari Guide Dr. Prof (Dr.) Anil Kumar Goel
8.	Molecular Profiling of Endometrial Cancer with emphasis on POLE Mutation. **Thesis Co-guide** for PhD Scholar Nisha Mishra Guide Dr. Rahul Satarkar
9.	"To assess the efficacy of intrauterine instillation of vasopressin as compared to normal saline in decreasing blood loss in TLH."**GuideProf.Dr. NilajBagde, PG Dr. Shweta Yadav**
10.	"To compare the Efficacy of Dienogest versus combined oral contraceptive pills for relief of Pain Associated with Endometriosis: An Open Label, Randomized Clinical controlled trial."**GuideProf.Dr. NilajBagde, PG Dr. Ravisha Aggarwal**
11.	"A Randomized trial Comparing intraoperative blood loss between Harmonic HD 1000i shears and Ligasure LF1937 in Total Laparoscopic hysterectomy "**Guide Prof.Dr. NilajBagde, PDCC SR Dr. SagirajuPraharshitha**
12.	Comparison Of Accuracy Of HPV DNA Test And Colposcopy Versus Cytology And Colposcopy For The Detection Of Cervical Intraepithelial Neoplasia " **GuideProf. Dr. NilajBagde, PG Dr. Mercy Choudhary**
13.	"Efficacy of oral tablet labetalol as compared to oral tablet amlodipine in controlling blood pressure in women with elevated bp in post partum period."**Guide Prof. Dr. NilajBagde, PG Dr.Harshita**
14.	Association of adverse perinatal outcomes and pathological cerebroplacental ratio and perinatal outcomes in AGA vs SGA fetuses : a prospective cohort study**Co-GuideProf. Dr. NilajBagde, PG Dr. Arya**
15.	"Diagnostic Accuracy of Transvaginal Sonography versus Hysteroscopy in Endometrial Abnormalities with Histopathological Correlation as a gold standard"**Co-GuideProf. Dr. NilajBagde, PDCC SR Dr.Priya**
16.	Serum High - Sensitivity C-Reactive Protein (hs-CRP) Levels in Pregnant Women with Preeclampsia Compared to Normotensive Pregnant Women: a Prospective Cohort Study**Co-GuideProf. Dr. NilajBagde, PG Dr. Bindu**

S. No.	Project
17.	"Comparison of IOTA ADNEX model and ORADS in preoperative differentiation of Adnexal lesion"**Co-GuideProf. Dr. NilajBagde, PG Dr. Monalisa**
18.	"Impact of structured nutritional counselling on the birth weight of neonates"**Co-GuideProf. Dr. NilajBagde, PG Dr. DodlaMunirajya Lakshmi**
19.	"Hypertensive disorder of pregnancy in patients of gestational diabetes mellitus, a prospective cohort study"**Co-Guide Prof. Dr. NilajBagde, PG Dr. Tuba Tahseen**
20.	"WHO's labor care guide vs modified WHO'S paragraph in reducing caserean delivery rate & improving overall fetomaternal outcome , an open labelled randomized control trial"**Co-GuideProf. Dr. NilajBagde, PG Dr.Aishwarya**
21.	HDP Gestosis score vs fetal medicine foundation calculator in predicting preeclampsia: a prospective comparative analytical study" **Co-GuideProf. Dr. NilajBagde,PG – Dr.Sulaikha**
22.	Comparing the efficacy of metformin plus aspirin with aspirin alonein preventing preeclampsia in high risk pregnancies: a randomized controlled trial. **Co-GuideProf. Dr. NilajBagde,PG – Dr.Mitul Suhane**
23.	"Induction delivery interval and Fetomaternal outcome in various modalities of induction of labor" A prospective cohort study" **Co-GuideProf. Dr. NilajBagde,PG – Dr.Aakanshaverma**
24.	"Prediction of Pre Eclampsia using Ophthalmic artery doppler, a Prospective Analytical Study." **Co-GuideProf. Dr. NilajBagde,PG – Dr.Manoj**
25.	"Modified 2011 IFCPC Nomenclature versus Swede Score in colposcopic evaluation for detection of premalignant lesions (CIN lesions): a comparative cross sectional study" **Co-GuideProf. Dr. NilajBagde,PG – Dr.Avantika**

Completed

S. No.	Project
1.	"IM-FInE (Indian Male Factor Infertility Evaluation): An All-India Multicentric Survey" **Prof Dr Sarita Agrawal Non funded** 2 Year (2023-2025)
2.	A comparative study of driving pressure guided individualized versus fixed positive end expiratory pressure on incidence of postoperative lung atelectasis in patients undergoing laparoscopic surgeries in trendelenburg position : A double blinded randomized controlled study. **Thesis co-guide** for PG**DrSudeepTakoor, Anaesthesiology** Guide Dr. Mamta Sinha
3.	Evaluation of immunohistochemical expression of SOX-2 and Ki-67 in Squamous cell carcinoma cervix and its correlation with histological and clinico-pathological parameters. **Thesis co-guide** for **Dr. Aastha Seth, PG-JR,Pathology** Guide Dr. Rakesh Gupta
4.	"Association of first trimester aneuploidy markers with Gestational Diabetes Mellitus, a prospective observational cohort study" **Prof. Dr. NilajBagde, PG Dr. Priyanka Mondal**
5.	Effect of maternal intravenous hydration versus oral hydration on the amniotic fluid index and perinatal outcome in pregnant women of 32 – 36 weeks gestational age with reduced Amniotic Fluid Index: A single blinded randomized control trial. Guide **Prof.Dr. NilajBagde, PG Dr. Polarica**
6.	Comparison of Perioperative Outcomes in Conventional Approach versus Posterior Approach for Uterine Artery Ligation in Total Laparoscopic Hysterectomy; Randomised Control Trial. **Guide- Prof. Dr. NilajBagde, PDCC SR- Dr. KanhuCharan Dash**
7.	Evaluation of hypertensive disorders of pregnancy (hdp) gestosis score as a tool to predict hypertensive disorders of pregnancy before 20 weeks of gestation: a prospective cohort study.**Co-GuideProf. Dr. NilajBagde,PG – Dr.SimmaLavanya**

PUBLICATIONS

1 Sinha, Nutan & Rajbhar, Sarita & Thakur, Pushpawati & **Agrawal, Sarita**& Singh, Vinita. Role of prophylactic tranexamic acid in reducing blood loss during cesarean section: A double-blind placebo-controlled randomized controlled trial. Journal of Family Medicine and Primary Care. 13. 1760-1765. 10.4103/jfmpc.jfmpc_1541_23.(2024).

2 Shukla, Amlin & Ganie, Mohd Ashraf & Vasudevan, Sudharsan & Arora, Taruna & Rather, Khalid & Chowdhury, Subhankar & Suri, Vanita & Joshi, Beena & Bhattacharya, Prasanta &**Agrawal, Sarita**& Malhotra, Neena & Sahay, Rakesh & Jabbar, Puthiyaveettil & Nair, Abilash & Rozati, Roya & Rashid, Haroon & Wani, Imtiyaz & Maan, Pratibha & Gautam, Rohit. Trends of age at onset of menarche among Indian women of reproductive age and its association with the presence of PCOS and related features: A multicentric cross-sectional study. The Journal of Obstetrics and Gynecology of India. 10.1007/s13224-024-01994-6.(2024).

3 Kumaraswamy, Raksha & Rajbhar, Sarita & Thakur, Pushpawati &**Agrawal, Sarita**& Shrivastava, Chandashekhar & Patel, Suprava. Comparative analysis of serum lipid profiles in normotensive and preeclampsia women during pregnancy – A cross-sectional analytical study. Pregnancy Hypertension. 36. 24-25. 10.1016/j.preghy.2024.01.050. (2024).

4 Raza, Atiya &**Agrawal, Sarita**& Thakur, Pushpawati & Bagde, Nilaj & Padhi, Phalguni & Rathore, Vinay. Fetomaternal outcome of Sysytemic Lupus erythematosus in pregnancy -case reports. Pregnancy Hypertension. 36. 49. 10.1016/j.preghy.2024.01.104. (2024).

5 Ganie, Mohd Ashraf & Chowdhury, Subhankar & Malhotra, Neena & Sahay, Rakesh & Bhattacharya, Prasanta &**Agrawal, Sarita**& Jabbar, P. & Suri, Vanita & Rozati, Roya & Vishnubhatla, Sreenivas & Baba, Mohammad & Wani, Imtiyaz & Rashid, Haroon & Nair, Abilash & Shukla, Amlin & Arora, Taruna & Kulkarni, Bharati & Koul, Parvaiz. Prevalence, Phenotypes, and Comorbidities of Polycystic Ovary Syndrome Among Indian Women. JAMA network open. 7. e2440583. 10.1001/jamanetworkopen.2024.40583. (2024).

6 Suman, Shalini & **Agrawal, Sarita**& Bagde, Nilaj & Thakur, Pushpawati & Shah, Seema & Kumar, Rahul. Impact of Laparoscopic Ovarian Cystectomy on Ovarian Reserve Assessed by Serum Anti-Mullerian Hormone in Benign Ovarian Cysts: A Prospective Observational Study. NMO Journal. 18. 76-80. 10.4103/JNMO.JNMO_37_24. (2024).

7 Raksha Kumaraswamy, Sarita Rajbhar, Pushpawati Thakur, Sarita Agrawal, Chandrashekhar Srivastava, Suprava Patel, Comparative analysis of serum lipid profiles in normotensive and preeclampsia women during pregnancy – A cross-sectional analytical study, Pregnancy Hypertension,Volume 36, Supplement 1,2024, Pages 24-25, ISSN 2210-7789, https://doi.org/10.1016/j.preghy.2024.01.050. (https://www.sciencedirect.com/science/article/pii/S2210778924000503)

8 **Sarita Agrawal**[1], Tuba Tahseen[2]*, Sarita Rajbhar[3], Satyajit Singh[4] and Atiya Raza[5] "Severe Pulmonary Stenosis with Dysfunctional Single Kidney – A Successful High Risk Pregnancy". ***Acta Scientific Clinical Case Reports*** 6.4 (2025): 31-33.

9 Akhade S, Thakur P, Akhade K, Ghormade PS, Bagde H, **Bagde ND**, Singh V, Chavali K, THAKUR DP, AKHADE K. A Preliminary Study on Hymenal Morphology in Indian Females Without a History of Sexual Intercourse Presenting WithGynaecological Complaints. Cureus. 2025 Feb 19;17(2).

10 Pati SK, Mondal K, Bodhey NK, **Bagde N**, Gupta RK, Shukla A. Role of Multiparametric MRI in the Preoperative Evaluation of Endometrial Carcinoma: A Cross-Sectional Study. Cureus. 2024 Jul 21;16(7).

Chapter(s) in Books

Sl No.	Author (s)	Chapter Title	Editor	Book	Edit-ion	City of Publica-tion	Publi-sher	Year of Publica-tion	First-Last Page
1.	Prof. Dr. Sarita Agrawal	Menopause and Metabolic Syndrome	Ruchika Garg	Management of Menopause:A Guide for Practitioners	first	Singapore	Springer Nature	2024	47-164
2.	Prof. Dr. Sarita Agrawal	Neonatal and Infantile Outcomes	Laxmi Shrikhande	FOGSI EEBR 2025 Ethical & Evidence-based Recommendations Preterm Labor	FIRST	New delhi	FOGSI JAYPEE BROTHERS	2024	56-62

PATIENT CARE

OPD	IPD	Major OT	Minor OT	OPD Procedures	Special Clinics
63739	3995	2174	57	11568	3

AWARDS, HONOURS AND SIGNIFICANT EVENTS

Dr. Nilaj Bagde appointed as Vice President of the AIIMS Association of Gynecological Endoscopists (AiAGE) at AIIMS Bhubaneswar on 27/3/25

Department of Ophthalmology

Professor & Head
Dr. Somen Misra
Professors
Dr. Lubna Khan
Dr. Ankur K. Shrivastava
Additional Professors
Dr. Neeta Misra (up to 19.11.2024)
Dr. Vijaya Sahu
Associate Professor
Dr. Pratima Sahu (Joined on 15.01.2025)
Assistant Professor
Dr. Madhuri Akella

HIGHLIGHTS

The Department of Ophthalmology functions with three primary objectives: delivering comprehensive, high-quality eye care, providing structured education for undergraduate and postgraduate students, and conducting clinical research. The department currently offers both outpatient and inpatient services, along with a broad spectrum of surgical interventions. A dedicated team of consultants and residents provides specialized care in key areas including Cataract, Glaucoma, Orbit and Oculoplasty, Medical and surgical Retina, and Ocular Trauma.

Outpatient services are operational six days a week, with subspecialty clinics scheduled on designated days. Glaucoma and Retina clinics are conducted every Tuesday and Wednesday afternoon, respectively, from 2:30 to 4:30 PM. A 24/7 emergency service is managed by an on-call team of residents and consultants. The department also actively screens for Retinopathy of Prematurity (ROP) in the neonatal intensive care unit.

To accommodate a high volume of patients, the OPD is equipped with three refraction units for comprehensive initial evaluations. The facility includes essential diagnostic tools such as slit lamp biomicroscopes, Goldman applanation tonometry, fundus camera, Humphrey Visual Field Analyzer, Spectral Domain Optical Coherence Tomography (SD-OCT) machine, IOL Master 500 and A Scan, supporting the delivery of advanced and efficient eye care services.

The department's modern Ophthalmology Operation Theatre is equipped with two OT tables, each supported by advanced operating microscopes and state-of-the-art surgical equipment. These facilities enhance surgical precision and efficiency, benefiting both faculty and residents in training. A wide range of intraocular surgeries are routinely performed, including cataract extraction, retinal procedures, glaucoma surgeries, and pediatric cataract surgeries. Extraocular surgeries include oculoplastic procedures, enucleation, evisceration, and orbital surgeries such as exenteration.

Within the Outpatient Department, a dedicated Laser Room is equipped to perform various laser-based treatments. It houses an Nd:YAG laser for procedures like iridotomies and posterior capsulotomies, as well as a Green (double-frequency YAG) laser used for retinal photocoagulation in the management of retinal vascular disorders, including diabetic retinopathy.

The department also maintains a fully functional Eye Bank, located in a designated area within the facility. It is equipped with essential infrastructure including a specular microscope, laminar airflow system, cold storage cabinet, slit lamp biomicroscope, and surgical instruments required for keratoplasty. The Eye Bank serves as a critical resource for the preservation and storage of donor corneas, supporting the department's commitment to restoring vision through corneal transplantation. A total of 35 corneas were collected and many people were registered for eye donation.

EDUCATION

The Department enrolls 8 MD Ophthalmology postgraduates annually. It conducts regular PG teaching programs, including Departmental Case Presentations, Journal Clubs, and Seminars, fostering a conducive academic environment for both junior and senior residents. Additionally, the Department provides clinical teaching for MBBS students through clinics, tutorials, and lectures according to the schedule. Moreover, the Department offers a Post-Doctoral Certificate Course (PDCC) fellowship in Medical Retina.

CMEs/WORKSHOP/SYMPOSIA/NATIONAL & INTERNATIONAL CONFERENCES

Dr. Somen Misra

S. No.	Title	CME/Conference	Date	Organized by
1.	CME cum eye donor family felicitation program	CME	07.09.2024	Department of Ophthalmology, AIIMS Raipur
2.	Dry Eye Care	CME	26.10.2024	Raipur Divisional Ophthalmological Society

Dr. Lubna Khan

S. No.	Title	CME/Conference	Date	Organized by
1.	Judge in 2 Free Paper Sessions	Women Ophthalmic Society (WOS) National conference	04.10.2024 to 06.10.2024	Women Ophthalmologists' Society of India

Dr. Ankur K Shrivastava

S. No.	Title	CME/Conference	Date	Organized by
1.	Panelist in “Cataract surgery –Evolving trendz”	Annual conference of Indian society of Cornea & Keratorefractive surgeons	04.08.2024	Indian Society of Cornea and Keratorefractive Surgeons

S. No.	Title	CME/Conference	Date	Organized by
2.	Mentor for "AIOS ARC PG teaching programme"	AIOS ARC PG teaching programme	03.10.2024	All India Ophthalmological Society
3.	Chairperson in Free paper - Orbit session	23rd Annual conference of CSOS	21.12.2024	Chhattisgarh State Ophthalmological Society
4.	Moderator in Myopia symposium –Enhancing outcome in Myopia correction	23rd Annual conference of CSOS	21.12.2024	Chhattisgarh State Ophthalmological Society
5.	Conducted State level quiz	23rd Annual conference of CSOS	22.12.2024	Chhattisgarh State Ophthalmological Society

Dr. Vijaya Sahu

S. No.	Title	CME/Conference	Date	Organized by
1.	CME cum eye donor family felicitation program	CME	07.09. 2024	Department of Ophthalmology, AIIMS Raipur (As an Organizing secretory)
2.	Mentor for women ophthalmological society PG Program	Conference	06.10. 2024	Women ophthalmological society
3.	Ask your teacher – participated as teacher	23rd Annual conference of CSOS	21.12. 2024	Chhattisgarh state ophthalmological society
4.	Interdisciplinary research: shaping the healthcare of the future	CME	30.01. 2025	Department of Biochemistry, AIIMS Raipur
5.	Eye in rheumatology: A case-based approach	Rheumatology conference	23.02. 2025	Department of Medicine, AIIMS Raipur

Dr. Madhuri Akella

S. No.	Title	CME/Conference	Date	Organized by
1.	CME cum eye donor family felicitation program	CME	07.09. 2024	AIIMS Raipur
2.	Trabeculectomy and Tubes in Glaucoma: Wet lab	Glaucoma society of India, Annual conference 2024	26.09. 2024	Glaucoma society of India

LECTURES DELIVERED AT CMEs, NATIONAL & INTERNATIONAL CONFERENCES

Prof. Dr. Somen Misra

S. No.	Title	CME/Conference	Date	Organized by
1.	Ocular Infection - Bugs & Super Bugs	CME	19. 10.2024	Department of Ophthalmology, AIIMS Raipur
2.	Overview of Eye Donation	CME	07. 09.2024	Department of Ophthalmology, AIIMS Raipur

Dr. Lubna Khan

S. No.	Title	CME/Conference	Date	Organized by
1.	A Study of Two Techniques for Combined Surgery to Combat Silent Preventable Blindness	Madhya Pradesh State Ophthalmic Society (MPSOS) Conference	08.11.2024	Madhya Pradesh state Ophthalmic Society (MPSOS) Conference

Dr. Ankur K Shrivastava

S. No.	Title	CME/Conference	Date	Organized by
1.	Common intraoperative emergencies	5th Midterm conference of CSOS	30.06. 2024	Chhattisgarh State Ophthalmological Society
2.	Challenging situation in Phacoemulsification	14th Annual conference of ACOIN	28. 09. 2024	Association of Community Ophthalmologists of India
3.	Rhexis blues & Phacoemulsification in small pupil	23rd Annual conference of CSOS	21. 12.2024	Chhattisgarh State Ophthalmological Society
4.	Toric marking Pre and Per-operatively	OPSIS CME	19.01. 2025	Sai Baba Eye Hospital, Raipur
5.	Importance of history taking in Glaucoma diagnosis & treatment	Glaucoma India Education programme	23.03. 2025	MGM Eye Hospital, Raipur

Dr. Vijaya Sahu

S. No.	Title	CME/Conference	Date	Organized by
1.	Overview of diabetic retinopathy and when to refer	5th Midterm CSOS Conference	30.06. 2024	Chhattisgarh State Ophthalmological Society
2.	Status of eye bank AIIMS Raipur	CME	07.09.2024	Department of Ophthalmology, AIIMS Raipur
3.	Clinical experience of AIIMS Raipur Eye Bank	CME	05.09.2024	Department of Ophthalmology, Shri Rawatpure Sarkar Institute of Medical Sciences and Research, Raipur
4.	ROP Screening Correct method to do it	WOS Conference	06.10. 2024	Women Ophthalmological society
5.	Handling globe perforation - prevention and corrective surgical technique	CSOS annual Conference	22.12.2024	Chhattisgarh State Ophthalmological Society

Dr. Madhuri AL

S. No.	Title	CME/Conference	Date	Organized by
1.	Lasers in Glaucoma	Glaucoma India Education Programme	18.05. 2024	AIIMS, Bathinda Under Glaucoma Society of India
2.	OCT in Glaucoma: Current status and future prospects	Glaucoma Simplified: Preserving Sight under pressure CME	16.03. 2025	Dayanand Medical College, Ludhiana under Punjab Ophthalmological Society

ORAL PAPERS/POSTERS PRESENTED

S. No.	Authors	Title	Conference	Date	Organised by
1.	Dr. Archana Singh/ **Prof. (Dr.) Somen Misra**	Clinical profiles of patients presenting with proptosis in ophthalmology department at a tertiary healthcare centre	3rd Mid-Term Conference of All India Ophthalmological Society	25.10.2024-27.10.2024	All India Ophthalmological Society
2.	**Dr. Lubna Khan**	Clinician's approach for spectrum of orbital diseases: an overview	Madhya Pradesh state Ophthalmic Society (MPSOS) Conference8th to 10th Nov2024 at Bhopal	08.11.2024	Madhya Pradesh state Ophthalmic Society
3.	**Dr. Vijaya Sahu**	Endophthalmitis case burden at tertiary care center in central India	CSOS Conference	21.12.2024	Chhattisgarh state ophthalmological society
4.	**Dr. Madhuri Akella,** Dr. Sharmila. S , **Dr. Vijaya Sahu**	Granulomatous Anterior Uveitis Due to Migrated Fragment of Ologen Implant Following Trabeculectomy	Glaucoma Society of India Annual conference	27-29. 09. 2024	Glaucoma Society of India
5.	Dr. Barkha singh, **Dr. Vijaya Sahu, Dr. Madhuri Akella**	Ocular ischemic syndrome secondary to Moya Moya Disease.	Women Ophthalmologists Society- CG Chapter	14.07.2024	Women Ophthalmologists Society
6.	Dr. Mustafa	To operate or not - Neurofibromas in NF1	Annual CSOS Conference	21.12.2024 – 22.12.2024	Chhattisgarh State Ophthalmological Society
7.	Dr. Mustafa	Glaucoma in microspherophakia	Glaucoma India Education program	23.03.2025	MGM eye institute

RESEARCH
Funded Project
Ongoing

S. No.	Project	Principal Investigator	Funding Agency	Duration (years)	Start year-End year	Total funds sanctioned (Rs.)
1.	Outcomes of amniotic membrane graft in various ocular surface disorders	Dr Lubna Khan	AIIMS, Raipur	03 year	2023-2026	2,20,000/-

S. No.	Project	Principal Investigator	Funding Agency	Duration (years)	Start year-End year	Total funds sanctioned (Rs.)
2.	Association of cataract with single nucleotide polymorphisms in patients with type 2 Diabetes mellitus: A case-control study in a tertiary care institute in Chhattisgarh, India.	Dr Ankur K Shrivastava	AIIMS, Raipur	01 year 08 months	2023-2025	4,96,661/-
3.	A Phase III Prospective, Randomized, Open-labelled, Blinded endpoint (PROBE), Multi-centric, Parallel Group, Non-inferiority Study to compare the Efficacy and Safety of GBL1204 with Ranibizumab in Patients with Wet Age-Related Macular Degeneration (PROMISES Study)	Dr Vijaya Sahu	Gennova Biopharmaceuticals Limited	2 years	Dec 2024	Invoice yet to generate
4.	A Phase III, Prospective, Randomized, Parallel group, Double-blind, Multicenter Study to Compare the Efficacy, Safety, and Immunogenicity of Lupin's Aflibercept with Eylea® in Patients with Neovascular Age Related Macular Degeneration	Dr Vijaya Sahu	Multicentric study Sponsor of the Study: Lupin Limited (Biotechnology Division),	2 years	Sep 2023	Invoice yet to generate
5.	A Phase III, Randomized, multicentric, double blind study to investigate the efficacy and safety of Retatrutide once weekly compared with placebo in adult participants with Type 2 diabetes and inadequate glycemic control with diet and exercise alone (TRANSCEND-T2D-1)	Co- PI	Eli Lilly and Company	6 months	2024	60000

Departmental Projects – Non-Funded Projects/ ICMR-STS Projects/ Thesis/Dissertations

Ongoing

S. No.	Project
1.	Study Of Other Eye in Unilateral Pseudophakic Patients with Good Visual Acuity Presenting to A Tertiary Care Hospital in Central India
2.	Study Of Contribution of The Optional Variables (White to White and Lens Thickness) In Barrett Universal II Formula for IOL Power Calculations: "A Cross-Sectional Observational Study in Indian Population''
3.	Trabeculectomy with fixed sutures vs releasable sutures in uncontrolled glaucoma - Prospective interventional study
4.	Effect Of Change in Anterior Chamber Depth on Refractive Outcome and Its Impact on IOL Power Calculation Formulae After Cataract Surgery
5.	Knowledge Attitude and Self Care Practices Among Glaucoma Patients Presenting to A Tertiary Care Center-A Cross Sectional Observational Study
6.	To Study the Incidence of Dry Eye and Conjunctival Goblet Cell Density in Type 2 Diabetes Mellitus Patients
7.	Effect Of Sellar and Parasellar Brain Tumours on Retinal Thickness and Visual Field-A Cross-Sectional Comparative Study
8.	Retinal thickness and retinal microvascular changes between diabetic retinopathy with and without diabetic nephropathy individuals- A Cross-sectional comparative study
9.	OCT as a pre-operative screening tool in routine cataract surgery: How useful is it?
10.	Clinico microbiological profile and visual outcome in posttraumatic endophthalmitis cases after open globe injury-an observational cohort study
11.	To study Prevalence of ophthalmic emergencies presenting to a tertiary care center in central India- A cross-sectional study
12.	Prevalence of glaucoma types, clinical profile and disease severity in patients presenting to a tertiary care hospital in central India
13.	Microbiological Profile of Infective Keratitis in Central India
14.	Intraocular lens calculation formulae in eyes with deep anterior chamber depth and normal axial length: A case control study
15.	**ICMR-STS Projects** - MTHFR Gene Polymorphism in Diabetic Retinopathy: A Hospital based Case Control Study
16.	Tumor size and its correlation with visual acuity and hormonal changes following endoscopic trans nasal trans-sphenoidal surgery for pituitary macroadenoma

Completed

S. No.	Project
1.	Neutrophil: lymphocyte ratio and platelet: lymphocyte ratio in retinal ve4in occlusion – a comparative observational study
2.	Clinical profiles of patients presenting with proptosis in ophthalmology department at a tertiary healthcare center

S. No.	Project
3.	Evaluation of anterior chamber depth by Van Herrick's method and its comparison with gonioscopy and ASOCT in adult population.
4.	Comparison of cycloplegic and non cycloplegic refraction in school aged children – A cross sectional observational study.
5.	Comparison of central macular thickness following cataract surgery in non-diabetics versus diabetics without diabetic retinopathy in a tertiary care centre.
6.	Diagnosis of ocular abnormalities using Point of care ultrasonography (POCUS) in patients of head and maxillofacial injuries in the ED.
7.	Spectrum of Fungal eye infections; A prospective Clinic microbiological study at tertiary care centres in Raipur, Chhattisgarh
8.	Regression patterns of neovascularisation in proliferative diabetic retinopathy following pan-retinal photocoagulation - A prospective observational study.

Collaborative Projects

Ongoing

S. No.	Project	Collaborating Department/Institution
1.	Association of cataract with single nucleotide polymorphisms in patients with type 2 Diabetes mellitus: A case-control study in a tertiary care institute in Chhattisgarh, India.	Department of Microbiology, AIIMS, Raipur
2.	A multicentric project for developing and validating an Artificial Intelligence	AIIMS Delhi

PUBLICATIONS

1. **Khan L**. Clinician's approach for spectrum of orbital diseases: An overview. J Family Med Prim Care. 2024;13(3):851-858.
2. **Shrivastava A K**, Patial Y, Singh B, et al. Myopic Posterior Persistent Fetal Vasculature: A Rare Presentation. Cureus 16(4): e58623. DOI 10.7759/cureus.58623
3. **Sahu V**, Nayak S, Kumar A, et al. Optical Coherence Tomography-Based Positive Predictors of Eplerenone Therapy in Chronic Central Serous Chorioretinopathy: A Retrospective Study. Cureus. 2024 Apr 22;16(4):e58791.
4. Pathak M, **Sahu V**, Kumar A, et al. Current Concepts and Recent Updates of Optical Biometry: A Comprehensive Review. Clin Ophthalmol. 2024 May 2;18:1191-1206.
5. Devi KH, Nayak S, **Sahu V**, et al. Congenital anterior staphyloma coexisting with pedunculated dermoid: A rare presentation. Indian J Ophthalmol Case Rep. 2024 Oct-Dec;4(4):842-844.
6. Vyas S, **Sahu V**, Shankar S, et al. Optical penetrating keratoplasty using a living donor eye. BMJ Case Rep. 2025 Mar 25;18(3):e264854.
7. Priya B, **Sahu V**, Padhi P, et al. Exploring the Relationship Between Early Postnatal Weight Gain and the Severity of Retinopathy of Prematurity: Insights From a Tertiary Care Facility in Central India. Cureus. 2025 Mar 27;17(3):e81262.
8. Balamurugan R, Sharma C, Khurana S, **Akella M**. A simple transport method for

molecular detection of microsporidiosis using a glass slide smear of corneal scraping. Trop Parasitol. 2024 Jul-Dec;14(2):128-130. doi: 10.4103/tp.tp_68_23.

9. Singh AK, Gautam N, Thattaruthody F, **Akella M**, Raj S, Kaushik S, Pandav SS. Comparing the outcome of delayed postoperative versus intraoperative mitomycin C use in trabeculectomy: A randomized control trial. Eur J Ophthalmol. 2025 Mar 23:11206721251327650. doi: 10.1177/11206721251327650.

PATIENT CARE

OPD	IPD	Major OT	Minor OT	Tests	Special Clinics	Or any other facility
60705	2736	1991	532	Retinal Laser – 564 OCT – 4125 Fundus Photo – 471 Visual field - 1116	Retina Clinic 642 Glaucoma clinic - 874	Screening for premature babies - 134

AWARDS, HONOURS AND SIGNIFICANT EVENTS

1. **Prof. Dr. Somen Misra:**

(i) Reviewer – BMC Ophthalmology Journal, Indian Journal of Ophthalmology, Journal of Clinical Ophthalmology and Research

(ii) Vice President – Raipur Divisional of Ophthalmic Society

2. **Dr. Ankur K Shrivastava**

(i) Editor Journal proceedings of Chhattisgarh State Ophthalmic Society.

(ii) Vice-President of Association of Community Ophthalmologists of India, C.G chapter.

(iii) Free paper evaluator for Annual conference of All India Ophthalmic Society.

3. **Dr. Vijaya Sahu**

(i) Participated in the 2 days' workshop on systematic review and metanalysis organized by AIIMS Raipur

(ii) Reviewer - Indian journal of ophthalmology case report, clinical ophthalmology, BMJ case report

(iii) Judge in PG free paper for annual women ophthalmological society 2024

(iv) WOS PG Mentor Mentee program- 1st prize

4. **Dr. Maduri Akella** - Reviewer - Journal of Pediatric Ophthalmology and Strabismus

5. Dr Archana Singh (PG-JR), Dr Priyanka Sonkar (PG-JR): 4th position in The Big Q Pan India Inter Collegiate PG Quiz organized by Ophthalmological Society of Nagpur

6. Dr Mustafa (PG-JR), Dr Sanya (PG-JR) & Dr Mohan (PG-JR) – 1st Prize in CSOS Annual Conference PG Quiz





Eye Donation Fortnight Celebration (25/8/2024 – 8/9/2024)



1st Prize in CSOS Annual Conference (PG Quiz)

Department of Orthopedics

Professor & Head
Prof. (Dr.) Alok C. Agrawal
Professor
Prof. (Dr.) Sandeep Nema
Additional Professor
Dr. Bikram Keshari Kar
Associate Professor
Dr. Harshal S. Sakale
Assistant Professors
Dr. Arkesh M
Dr. Dushyant Chouhan

HIGHLIGHTS

The department of Orthopedics provides quality health care, medical education, research activities at graduate, post-graduate (M.S Orthopaedics) and Post-doctoral (M Ch. Joint Replacement & Reconstruction) program, started from July 2020 Session now has eight academic senior residents 2 of whom have qualified MCh Joint Replacements and Reconstruction course. The department provides state of art facilities to patients who need joint replacement, patients presenting with bone tumors, spine disorders, sport injuries, complex trauma, and pediatric orthopedics. A specialty clinic on pediatric deformity specially clubfoot is organized every Friday. The department has organized numerous academic activities such as CME on Cervical spine disorders on 15th October and Cylothon on 16th October 2024, CME on Rheumatoid Arthritis on Occasion of World Arthritis Day 12th October and also observed World Osteoporosis Day on 20th October 2024. The department also conducted workshops on Autologous live cultured Osteoblast concentrate for AVN and Live cultured Chondrocytes for Articular cartilage degeneration for Medical students during their annual function –ORIANA and a combined workshop on Regenerative Medicine on 12 Jan 2025 at BHILAI as a pre conference activity during CGIOACON 2025 on Regenerative Medicine. The Department is recognized for running PhD Orthopaedics course for Orthopaedic surgeons. This year the department made a landmark achievement by achieving an Intermediate Research Grant from ICMR for a project upon AALCO with Core Decompression under the leadership of Prof. Dr. Alok C Agrawal and another Multicentric ICMR intermediate grant for developing a low cost mobile app for prediction of osteoporosis from X ray peivis with both hips.

EDUCATION

1. Lecture for MBBS Students – 3rd, 4th, 5th year.
2. Bedside clinics for MBBS Medical Students.
3. Postgraduate (M.S Orthopaedics) classes in the form of Case presentations, Journal Reviews and seminars.
4. Post-doctoral level (MCh. Joint Replacement & Reconstruction) classes in the form of Case presentations, Journal Reviews and seminars
5. Logbook for M.S Orthopedic postgraduate students and MCh. academic senior residents
6. Currently the department has 6 post-doctoral residents and 12 post-graduate students.

CMEs/WORKSHOP/SYMPOSIA/NATIONAL & INTERNATIONAL CONFERENCES

S. No.	Title	CME/Conference	Date	Organized by
1.	World arthritis day – CME in collaboration with department of medicine on managing arthritis using a team approach.	World Arthritis Day- CME	12.10.2024	AIIMS Raipur
2.	World Spine Day – CME- Focus on cervical Spine And Cycle Rally the following morning	World Spine Day- CME	15.10.2024	AIIMS Raipur
3.	Workshop on use of cultured osteoblast and cartilage as a part of ORIANAfest.	Workshop	05.11.2024	AIIMS Raipur
4.	First Aid and trauma management induction classes for the Interns	Demonstrations	Jan 2025	AIIMS Raipur
5.	World Arthritis day	World Arthritis Day- CME	12.10.2024	Dept of Orthopaedics, and Medicine AIIMS, Raipur.
6.	HOCPR master trainer	Workshop		AIIMS, Raipur

LECTURES DELIVERED AT CMEs, NATIONAL & INTERNATIONAL CONFERENCES
Dr. Alok C Agrawal

S. No.	Title	CME/Conference	Date	Organized by
1.	Orthobiologics for sickle cell anemia AVN	SICOT 2024 Belgrade, Serbia	24– 27.09 2024	SICOT International
2.	1.Advances in the management of bone tumors (Ghaziabad Oration 2.AVN HIP-MRI evidence of Healing	23rd Annual Conference of Central Zone of IOA, CEZCON-2024	17-19 .10.2024	CEZIOA
3.	1.MRI evidence of healing following AALCO 2.How to take biopsy and transport 3.OSSGROW implantation 4.Avoiding Complication in the use of PFN in IT Fracture – A novel technique	CGIOACON 2025	10-11 .01. 2025	CGIOA
4.	What went wrong? A case of re-revision of THR for neglected post traumatic hip	IOACON	04.12. 2025	IOA Bengaluru

S. No.	Title	CME/Conference	Date	Organized by
5.	Sickle Cell Arthropathy – Our Experience in managing	IMACON 2025	01.02.2025	CG IMA
6.	1.Management of Malignant Bone Tumors 2.MRI Evidence of healing by life cultured osteoblasts in AVN	UPOrthocon	08.02.2025	UP chapter of Indian Orthopaedic Association

Dr. Sandeep K Nema

S. No.	Title	CME/Conference	Date	Organized by
1.	My technique of sarcoma resection around knee	Conference	11.01. 2025	CGIOACON Durg Chhattisgarh (10-12 Jan 2025

Dr. Harshal S. Sakale

S. No.	Title	CME/Conference	Date	Organized by
1.	Microfracture-the saviour Relive surgery -SSI International Arthroscopy Conference 2024	SSI International Arthroscopy Conference 2024-Bhubneshwar	20.07. 2024	Sport society India
2.	Role of PRP IN OA Knee-CGIOACON 2025	Annual Conference Chattisgarh chapter of Indian Orthopaedic Association	10-12.01.2025	ChattisgarhOrthopaedic Association
3.	Bracing	CME on club foot -26\07\24	26.07.2024	Department of Orthopaedics AIIMS Raipur
4.	Portals of Shoulder Arthroscopy	Basics of Arthroscopy and demonstration of Arthroscopy Simulator	03.08.2024	Department of Orthopaedics AIIMS Raipur

Dr. Arkesh M

S. No.	Title	CME/Conference	Date	Organized by
1.	Examination of clubfoot	Clubfoot CME	27.07.2024	AIIMS Raipur
2.	Importance of surgical safety on world patient safety day	CME	17.09.2024	AIIMS Raipur
3.	SCFE -current understanding and management	Hip symposium CME	06.10.2024	Shri Balaji Institute of Medical Sciences, Raipur
4.	Tuberculosis in children	World spine day CME	15.10.2024	Chattisgarh Orthopaedic Association

S. No.	Title	CME/Conference	Date	Organized by
5.	Presented a talk on current concepts in management of SCFE	Conference	07.12.2024	Young surgeon forum at IOACON, Bangalore
6.	BCLS program	Workshop	12.05.2024	Shri Balaji Institute of Medical Sciences, Raipur
7.	Research methodology workshop	Workshop	31.07.2024 02.08.2024	AIIMS, Raipur
8.	IOACON 2024	Conference	05 -07.12. 2024	IOA,Bangalore
9.	POSICON 2025	Conference	02-05.01.2025	POSI,Ahmedabad
10.	Advanced workshop on Orthopaedic interventions in residual brachial plexus palsy	Workshop	05-01-2025	POSICON, Ahmedabad
11.	National level Train the trainer course on Clubfoot	Workshop	05-09 .03. 2025	CURE India, Delhi

Dr. Dushyant Chouhan

S. No.	Title	CME/Conference	Date	Organized by
1.	Lecture on “Total hip Replacement in acetabulam fracture”	HIP fractureSymposium CME	Dec 2024	Smith n Nephew Raipur
2.	External fixator in CTEV	Clubfoot CME	July 2024	AIIMS Raipur
3.	Lecture on “Treatment Option in irreparable Rotator cuff tear”	CGIOA Annual conference	Jan 2025	Chhattisgarh Orthopaedic Association
4.	Lecture on “How to read knee MRI”	Arthroscopy CME IAS _ONE	March 2025	Indian Arthroscopy Society.

ORAL PAPERS/POSTERS PRESENTED

S. No.	Authors	Title	Conference	Date	Organised by
1.	Dr. Arkesh M, Prof Dr. Sandeep Nema	Open reduction for hip dislocation in children with arthrogryposis multiplex congenital: Outcomes of a systematic review	IOACON 2024	06.12.2024	IOACON, Bangalore

S. No.	Authors	Title	Conference	Date	Organised by
2.	Dr. Arkesh M, Dr. Sitanshu Barik	Role of relative femoral neck lengthening for improving outcomes in sequelae of Perthes disease: a systematic review	POSICON 2025	04.01.2025	POSICON, Ahmedabad
3.	Anupam Inamdar	AVN of Hip joint in sickle cell anemia and its implications in the State of Chhattisgarh- Paper presentation	CGOACON 2025	12.01.2025	CGOA
4.	Santu Sarkar	Anterior plate augmented PFN for Complex Intertrochanteric fracture- Paper presentation	CEZCON 2024	17.10.2024	CEZIOA
5.	Santu Sarkar	THR in Irreducible fracture dislocation of acetabulum- Paper Presentation	CGIAA Monthly meet	01.04.2025	CGAA
6.	Shivam Chauhan	Comparison of radiological and functional outcome of metal backed fixed bearing tibial base plate all poly tibia in total knee replacement- Paper presentation	CEZCON 2024	17.10.2024	CEZIOA
7.	Shivam Chauhan	Increased risk of cup retroversion in patients of Post traumatic acetabular posterior bone loss- Poster Presentation	CEZCON 2024	17.10.2024	CEZIOA
8.	Somok Banerjee	AALCO with Core decompression for AVN Hip- Paper presentation	Stem Cell Conference	12.11.2024	AIIMS Raipur
9.	Anuj Baghel	A Comparative Study for Clinical and Functional outcome after intra-articular PRP injection vs Hyaluronic acid injection in the management of Early knee osteoarthritis- a RCT- Paper presentation	CEZCON 2024	17.10.2024	CEZIOA
10.	Shubham Sakarkar	Clinical and Functional Outcome of Suprapatellar vs Infrapatellar Tibia Nailing in tibia fractures- a RCT- Paper Presentation	CEZCON 2024	17.10.2024	CEZIOA

S. No.	Authors	Title	Conference	Date	Organised by
11.	Jayesh Rojasara	Evaluation of functional & Radiological outcomes of osteoarthritis knee treated by medial opening wedge high tibial osteotomy- Gold Medal Paper presentation Awarded Gold Medal in paper presentation	CGIOACON 2025	12.01.2025	CGIOA
12.	Jayesh Rojasara	Multiligamentous knee injury	CGIOACON 2025	12.01.2025	CGIOA
13.	Sarfaraz Ahmed	Assessment of role of Pirani &Dimeglio scoring system in the correction of idiopathic club foot by Ponsetti method- Gold Medal Paper presentation	CGIOACON 2025	12.01.2025	CGIOA
14.	Sarfaraz Ahmed	Poster presentation	CEZCON 2024	17.10.2024	CEZIOA
15.	NirmalRathi	Paraplegia due to Pathological vertebral fracture: A Rare presentation of Primary Plasmablastic lymphoma in an immunocompetent patient- Poster presentation	CGIOACON 2025	12.01.2025	CGIOA
16.	SuhasMahendrakar	Evaluation of functional and radiological outcomes of supracutaneous plating vs external fixator in open tibia fractures- Poster presentation	CGIOACON 2025	12.01.2025	CGIOA
17.	SuhasMahendrakar	Poster presentation	CEZCON 2024	17.10.2024	CEZIOA
18.	Devashish Singh	Poster presentation	CGIOACON 2025	12.01.2025	CGIOA
19.	Devashish Singh	A Novel technique of ORIF & Neck reconstruction with Dual Bone Grfating technique for Non union neck femur-Poster presentation	CEZCON 2024	17.10.2024	CEZIOA

RESEARCH

Funded Projects

Ongoing

S. No.	Project	Principal Investigator	Funding Agency	Duration (years)	Start year-End year	Total funds sanctioned (Rs.)
1.	A RCT on core decompression with live autologous cultured osteoblast concentrate vs fibular graft in osteonecrosis of femoral head in patients with sickle cell disease	Prof Dr Alok C Agrawal Co PI- Dr Harshal Sakale	ICMR	02 year	01.03.2025	2.3 crores
2.	Development of low cost AI App to predict bone density from Xray Pelvis with both hips	''Multicentric study with Dr Alok C Agrawal	ICMR	03 year	01.03.2025	2.18 Crore
3.	Management of Diabetic foot with 3 vs 6 weks of Antibiotics	Dr Amritva Ghosh and Dr Alok C Agrawal	ICMR	03 year	01.03.2025	1 crore approx.

Departmental Projects – Non-Funded Projects/ ICMR-STS Projects/ Thesis/Dissertations

Ongoing

S. No.	Project
1.	Comparison of functional and radiological outcomes of primary total knee arthroplasty via Mini Subvastus Approach versus Medial Parapatellar Approach: A randomized control trial
2.	A study to compare the Functional and Radiological outcome of Cemented and uncemented Stem in Total Hip Arthroplasty done for Avascular Necrosis of femoral head in patients of Sickle Cell disease ;A randomised Prospective clinical trial
3.	Cross sectional study to determine sexual health of patients at short term in THR
4.	Functional and radiological outcome in Total knee arthroplasty withandwithout patellarresurfacing:ARandomized Controlled Study
5.	Correlation of Vertical and Horizontal Offset in Prosthetic Hip Joint with Patient Reported Outcome Measures(PROM) and Gait Parameters of patients undergoing Total Hip Athroplasty
6.	Evaluation of functional and radiological outcome of Osteoarthritis knee treated by high tibial osteotomy by Tomofix plate vs DrSaigal'sHTO plate
7.	Assessment of the role of pirani and dimeglio scoring system in the correction of idiopathic club foot by ponseti method
8.	A cross sectional study to determine usable semitendinosus tendon length in a cohort of patient undergoing anterior cruciate ligament reconstruction with hamstring graft
9.	A prospective study to assess the quality of life in patients of inflammatory arthritis undergoing total hip arthroplasty

S. No.	Project
10.	Evaluation of functional and radiological outcomes of open tibia fractures treated with external fixator vs supracutaneous plate-A prospective study
11.	A Randomized Control Trial comparing functional and radiological outcomes in management of intertrochanteric fractures of femur using dual screws without cementation vs. dual screws with cementation.
12.	Correlation of serial monitoring of intra-compartmental pressure with lab parameters in clinically diagnosed compartment syndrome
13.	A Clinico-Radiological Assessment Determining Extent Of Correlation Between Acromial Index And Supraspinatus Tear In Patients With Chronic Shoulder Pain: An Observational Study'
14.	A randomised control trial comparing the functional outcome in the treatment of Plantar fascitis using Platelet rich plasma v/s Corticosteroid injection
15.	Gait Analysis of Patient with Clubfoot Treated with Ponseti Method and its Corelation with Pirani Score at Presentation
16.	A cross-sectional study to determine the prevalence of depression among children with skeletal related events in sickle cell disease

Completed

S. No.	Project
1.	Comparison of functional outcome of Total Hip Arthroplasty via Anterolateral approach versus Posterior approach: A Randomized Controlled Trial.
2.	Comparison of radiological and functional outcome of metal backed fixed bearing tibial base plate all poly tibia in total knee replacement
3.	A Comparative Study for Clinical and Functional outcome after intra-articular PRP injection vs Hyaluronic acid injection in the management of Early knee osteoarthritis- a RCT

PUBLICATIONS

1. Comprehensive management of Distal Femur Osteosarcoma in a 15 year old male: A multidisciplinary approach and long term follow up. Journal of Orthopaedic Case Reports
2. Core Decompression with Autologous Adult Live-cultured Osteoblast Implantation for Osteonecrosis of Femoral Head. Journal of Medicine and Life.
3. Femoral diaphyseal reconstruction using free non-vascularised fibular graft in a paediatric case of postinfective gap non-union. BMJ Case Reports DOI: 10.1136/bcr-2024-262287. Alok Chandra Agrawal; Jagprit Singh; Ankit Kumar Garg; Shivam Chauhan
4. Total Femoral Replacement in Periprosthetic Femur Fracture: A Case Report. Alok C. Agrawal Lohitesh S Harshal Sakale Rudra Narayan Dash Shivam Chauhan . September 10, 2024 DOI: 0.7759/cureus.69087
5. Medial Opening Wedge Osteotomy for Early Osteoarthritis of the Knee With Dr. Saigal's Plate: A Case Report With Review of Literature. Alok C Agrawal, Ajit Saigal, Harshal Sakale, Alok Rai, Santu Sarkar, Lohitesh S, Jayesh Rojasara. DOI: 10.7759/cureus.74913
6. Dissection of the Demographic and clinical profile of patients with traumatic spinal cord injury in Central India-A Retrospective Observational Study. Alok C Agrawal, Bikram K Kar, Somok Banerjee, Harshal Sakale, Sudarshan Behera
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11. Agrawal AC, Garg AK, Chauhan S, Singh J, Sakale H, Saparey L. Re- revision Following Failed Revision Total Hip Arthroplasty in a Case of Neglected Inferior Dislocation of Hip: An Interesting Case Report. Journal of Orthopaedic Case Reports 2025 May;15(5): 00-00.
12. Artificial Intelligence in Healthcare by Bhanot publication, india Author: Prof.Dr.Alok C Agrawal.
13. Latarjet operation carries three times the risk of failure in seizure versus non-seizure recurrent anterior dislocation of the shoulder joint: outcome of a systematic review with meta- analysis. Alok Rai Dushyant Chouhan **Arkesh M** Sandeep Nema Sandeep Kumar **Rudra Narayan Dash Bikram k Kar** . April 2024. Clinics in Shoulder and Elbow 27(2). DOI: 10.5397/cise.2023.00948
14. Twofold Expression of Receptor Tyrosine Kinase 2 (ROR2) in Giant Cell Tumors of Bone: Outcome of a Case – Control Study. May 2024. Sundhar Shiva Sandeep Nema Shyam Tripathi Kirubakaran Saraswathy PIndian Journal of Surgical Oncology 15(4).DOI: 10.1007/s13193-024-01965-3
15. Open reduction for hip dislocation in children with arthrogryposis multiplex congenital: Outcomes of a systematic review June 2024. Journal of Clinical Orthopaedics and Trauma 53(3):102434. DOI: 10.1016/j.jcot.2024.102434. **Sadeep Nema, Arkesh M, Dushyant Chouhan**, Jose Austine, Mosharaf HS, Ranjithmellipedi
16. Ultrasound-guided Reduction of Colle's fracture does not assist in achieving better Radiographic Indices. Results of a Randomized Controlled Trial. July 2024. Malaysian Orthopaedic Journal 18(2):71-76. DOI: 10.5704/MOJ.2407.010. Sandeep nema, Manoj Prasad Bhatt, Manoj Ayyan
17. Comparison of the analgesic efficacy of intra-articular steroid injections and its combination with suprascapular nerve block for adhesive capsulitis of the shoulder joint: a randomized clinical trial. December 2024.Regional Anesthesia and Pain Medicine 20:1-7 . DOI: 10.1136/rapm-2024-105902. Sandeep Nema, Yaalelango, Srinivasan Swaminathan, KirthihaGovindaraj, Navin Kumar
18. Similar Outcomes between Monoblock and Modular Femoral Stems in Total Hip Arthroplasty with Shortening Osteotomy for Dysplastic Hips at Five Years: A Systematic Review with Meta-analysis. March 2025. Hip & Pelvis 37(1):1-16 . DOI: 10.5371/hp.2025.37.1.1. Sandeep Nema, Arkesh M, Alok Rai, DushyantChouhan, Ankit Garg
19. No Difference in Pain and Activities of Daily Living Between Immobilization in External and Internal Rotation Following Acute Anterior Shoulder Dislocation: Results of a Randomized Controlled Trial. April 2025Cureus . DOI: 10.7759/cureus.81732. Gopisankar Balaji, Sandeep Nema.
20. **Rai**, **Alok** & **Chouhan**, **Dushyant** & **Nema**, **Sandeep** & Madegowda, **Arkesh** & Narayan, Rudra & **Kar, Bikram** & Kumar, **Sandeep**. (2024). Latarjet operation carries three times the risk of failure in seizure versus non-seizure recurrent anterior dislocation of the

shoulder joint: outcome of a systematic review with meta- analysis. Clinics in Shoulder and Elbow. 10.5397/cise.2023.00948.

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23. Shifting Paradigm... Away from Orthopedics... What Went Wrong?December 2024. DOI: 10.4103/jotr.jotr_48_24. **BK Kar**, Shubham Bhardwaj, Punit Gaurav, Alok Rai, **Dushyant Chouhan**
24. **Kar BK**, Goyal RL, Gaurav P, Pandey P, Mishra A, **Chouhan D.** Approach to junctional fractures in spine: A systematic review and meta-analysis. J ClinOrthop Trauma. 2025 Jan 8;62:102900. doi: 10.1016/j.jcot.2024.102900. PMID: 39901906; PMCID: PMC11787016.
25. Bhardwaj S, **Sakale H**, Agrawal AC, Kar B, Narayan Dash R, Rai A, Garg AK. A Comparison of the Clinicoradiological Outcomes of Intertrochanteric Fractures Treated Using Proximal Femoral Nail and Proximal Femoral Nail Anti-rotation. Cureus. 2024 May 19;16(5):e60639. doi: 10.7759/cureus.60639. PMID: 38903304; PMCID: PMC11187458. Corresponding Author- Dr. Harshal Sakale
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31. Evaluation of Outcome of fixed versus variable angle volar locking plates in managing Intraarticular fractures of Distal end Radius – Accepted in Malaysian Orthopaedic Journal Corresponding Author – Dr Harshal Sakale
32. Core decompression with Autologous Adult Live cultured Osteoblast Implantation for Osteonecrosis of Femoral Head – Accepted for Publication -Journal of Medicine and Life.
33. Nema SK, **Arkesh**, Chouhan D, Austine J, Hs M, Mellipeddi R. Open reduction for hip dislocation in children with arthrogryposis multiplex congenital: Outcomes of a systematic review. J ClinOrthop Trauma. 2024 Jun 8;53:102434.
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review with meta-analysis. Clin Shoulder Elb. 2024 Jun;27(2):160-168.
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37. **Chouhan D**, Rai A, Nema SK, Mishra A, Chauhan A. Conversion Total Hip Arthroplasty After Failed Sliding Hip Screw Compared to Cephalomedullary Nail Failures: Systematic Review and Meta-Analysis. Accepted for publication at Hip and Pelvis the journal is indexed with pubmed, scopus, scholar crossref. Role [Corresponding author]
38. **Rai A, Nema SK,** Madegowda A**, Chouhan D,** Garg AK. Similar Outcomes between Monoblock and Modular Femoral Stems in Total Hip Arthroplasty with Shortening Osteotomy for Dysplastic Hips at Five Years: A Systematic Review with Meta-analysis. Hip Pelvis. 2025;37(1):1-16.
39. Rai A, **Chouhan D**, Nema SK, Madegowda A, Narayan R, Kar BK. Latarjet operation carries three times the risk of failure in seizure versus non-seizure recurrent anterior dislocation of the shoulder joint: outcome of a systematic review with meta-analysis. Clin Shoulder Elb. 2024 Jun;27(2):160-168. doi: 10.5397/cise.2023.00948. Epub 2024 Apr 4. PMID: 38738326; PMCID: PMC11181062.
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41. Velmurugan H, Neelambaram K, Gurunthalingam MP, **Chouhan D**, Thangaraju P, Keshari Kar B, Gaikwad NR. Vigilance Needed in Treating a Child with Disseminated TB: A Case Report. Infect Disord Drug Targets. 2025;25(1):e190424229165. doi: 10.2174/0118715265287146240405075930. PMID: 38644704.
42. Kar, Bikram Keshari; **Chouhan, Dushyant**; Bhardwaj, Shubham; Barnwal, Piyush; Rai, Alok. Shifting Paradigm... Away from Orthopedics... What Went Wrong?. Journal of Orthopaedics, Traumatology and Rehabilitation 16(2):p 95-97, Jul–Dec 2024. | DOI: 10.4103/jotr.jotr_48_24
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AWARDS, HONOURS AND SIGNIFICANT EVENTS

Prof. (Dr.) Alok C Agrawal

1. Presented Ghaziabaad Oration at AGRA 17-19 Nov 2024 on recent advances in the management of bone tumours.
2. Awarded with Fellowship in International Medical Sciences [FIMSA]
3. Past President of Chattisgarh Orthopaedics Scociety
4. Past President of Indian Stem cell Study Group
5. Past President ISCSG Association
6. Editor IMA State Newsletter
7. Hon Professor National IMA Academic Cell
8. Convenor NAMS India for Bihar and CG
9. Founder and President of Chhattisgarh Arthroplasty Association
10. Faculty in SICOT Pioneer Program

11. Proposal titled " Complications & Sequelae in Orthopaedics" accepted by Springer
12. Recipient of JC Bose Award
13. Recipient of FARAI
14. Recipient of Hon. DSC

Dr. Bikram Keshari Kar

1. Organizing Secretary for Cycle Rally & CME on Back Pain on World Spine Day 16/10/24.

Dr. Harshal S. Sakale

1. Completed IOA International Arthroplasty fellowship from -AL Zahara hospital Dubai
2. Awarded with IOA International Arthroplasty fellowship- IOACON2024- Bengaluru
3. Patent certificate for registration of Design-Adjustable eye mask for prone positioning

Dr. Arkesh M.

Awarded Pediatric Orthopedic Society's Kaye Wilkins Travelling fellowship for the year 2025-26.
Organizing team member of world patient safety day 17th September 2024
Invited by cure India for national level Train the trainer course on Clubfoot, 5-9 th March, at Delhi, accredited by Royal College of Surgeons, London.
Invited for observer ship at Ganga hospital in Pediatric Orthopedics 03/06/24 to 16/06/24.

Dr. Dushyant Chouhan

3 Days Medical Camp at KUNKURI Jashpur district in association with Jashpur district administration and Aiims Raipur in march 2025.
Organized 142th medical Training of Ponseti method and orthopaedicOpen Quiz Competition in association with CURE india , CG State Govt and Aiims Raipur as a Organizing Secretory.

PATIENT CARE

OPD	IPD	Major OT	Minor OT	Tests	Special Clinics	Or any other facility
60,655	2065	1781	14,717	Core Needle Biopsies Spinal Biopsies	Club Foot Clinics	THR TKR Bone Tumour Surgeries Arthroscopies Spine Surgeries Regenerative Medicine and its application

Department of Paediatric Medicine

Professor & Head
Prof. (Dr.) Anil K. Goel
Professors
Dr. Tushar Jagzape
Dr. Atul Jindal
Additional Professors
Dr. Tripty Singh
Dr. Manas Ranjan Sahoo
Dr. Sunil Jondhale
Dr. Varun Anand
Assiatant Professor
Dr. Simran Syal

HIGHLIGHTS

In-house Activities:
The department is actively involved in education and training of the **undergraduate, postgraduate, DM, nursing and PDCC students i**ncluding various research activities,both intra and extramural funded studies. 1) Establishment of a dedicated 10 bedded Paediatric Emergency Medicine (PEM) unit catering to all children coming to AIIMS Raipur including medical, surgical, orthopaedic, trauma, poisoning and other cases. 2) State of art 20 bedded Paediatric Intensive Care Unit (PICU) with latest technological advances. 3) Running Paediatric Super-speciality Clinics including Paediatric Allergy and Asthma, Paediatric and Adolescent Endocrinology, Paediatric Neurology and Sickle cell Clinic. 4) Initiation of Fellowship Course in Paediatric Haematology Oncology. 5) Paediatric Haematology Oncology unit (12 bedded) catering to all childhood malignancies with bed occupancy of 100%. 6) Severe Acute Malnutrition Referral and Advanced Treatment (SMART) Unit 10 bedded to care for patients with Severe Acute Malnutrition (SAM). 7) Organized workshop on AHA certified PALS & BLS course AIIMS Raipur, 17-19 Jan 2025. 8) Organized workshop on Advanced Ventilation and CME on recent trends in ICU care as Patron at AIIMS Raipur, 13-15 Sept 2024. 9) Organized EMA36 & EMPART 24 (10th National Conference of Pediatrics Emergency Medicine, 10th Emergency Medical Pediatric Advances and Recent Trends at AIIMS Raipur, 19-21 April 2024.

Out-reach activities:
The department is also involved in creating and supporting health awareness in the Institute and society through outreach activities. To name few: 1) **SMART Unit** (Severe Acute Malnutrition Referral and Advance Treatment Unit) &**IYCF Skill Lab** at AIIMS Raipur. A State Centre of Excellence for Nutrition Interventions (SCoE4N) has been established under the Department of Pediatrics at AIIMS Raipur. It is a joint undertaking of AIIMS Raipur, NHM, DWCD & UNICEF Chhattisgarh.

EDUCATION

The department is successfully running the DM courses in Pediatric Emergency Medicine, Pediatrics Critical Care, & PDCC (fellowship) in Pediatrics cardiac critical care and Hema oncology. PDCC (fellowship) in Pediatrics Hematology and Oncology started this year with one fellow joined. Regular academic activities are being conducted weekly thrice each for MD and DM(both PEM &PICU) apart from Clinical grand round and CPC (PEM& PICU) with reputed INI of the country. Regular monthly internal assessment of the MD students are conducted (targeted theory text reading) in the MCQ format. The department has conducted the PG induction program 3 day each for two new batches of MD Pediatrics residents covering various important topics of practical utility including research and ethics.

CMEs/WORKSHOP/SYMPOSIA/NATIONAL & INTERNATIONAL CONFERENCES

S. No.	Title	CME/Conference	Date	Organized by
1.	Emergency Medicine Pediatrics Advances and Recent trend (EMPART)	National Conference	20-21.04.2024	EMA Chhattisgarh and AIIMS Raipur
2.	POCUS (Point of Care USG)	Workshop	19.04.2024	EMA Chhattisgarh and AIIMS Raipur
3.	Advance Ventilation	Workshop	13-15.09.2024	AIIMS Raipur
4.	Bench to Bedside - Pediatrics Critical care Updates	CME	14.09.2024	AIIMS Raipur
5.	Pediatrics Advance Life Support PALS)	Workshop	18-19.01.2025	AIIMS Raipur
6.	Pre Conference Workshop on Pediatrics Emergency Office Practice	Workshop	29.08.2024	AIIMS Raipur

LECTURES DELIVERED AT CMEs, NATIONAL & INTERNATIONAL CONFERENCES

Dr. Anil K. Goel

S. No.	Title	CME/Conference	Date	Organized by
1.	Fluid in shock: A therapeutic conundrum	EMPART 24 & EM36	21.04.2024	AIIMS Raipur
2.	Counselling on Early initiation and Exclusive Breastfeeding at ANCs and labour room	World breast feeding week 2024	02.08.2024	Dept of H&FM, CG

S. No.	Title	CME/Conference	Date	Organized by
3.	Conventional Vs. IN Midazolam & Ketamine: A paradigm Shift for pediatric elective procedural sedation & analgesia	EMINDIA 2024	09.08.2024	AIIMS Bhopal
4.	Common Emergencies in Office Practice	CG Pedicon 2024	31.08.2024	IAP CG Raipur
5.	Published Article (John et al) Presentation	Journal Ki Batt. Indian Pediatrics	29.09.2024	IP Online
6.	Pediatrics emergency: Indian current status future prospective	PEM Update Jodhpur	20.10.2024	AIIMS Jodhpur
7.	Webinar on poshan Pakwada	Poshan Mah	18.03.2024	WCD Department, Chhattisgarh
8.	Pediatrics X-ray-A Review	EMCORD	20.11.2024	Gurukul progamme of PEM (INDUS EM)
9.	Pediatrics ECG-A Review	EMCORD	22.11.2024	Gurukul progamme of PEM (INDUS EM)
10.	State (CG) Presentations on Progress and Priority Actions on Malnutrition	CoE (Nutrition) Monthly Meeting	27.11.2024	NCoE, KSCH, New Delhi
11.	Designing and Testing Simulation-based Exercise on Teamwork in Pediatric Trauma Patients with Seizures	Ashwamegh Session Emergency Medicine	30.11.2024	Online EMA
12.	Dehydration and Dyselectronemia	Lecture Series-IAP PEM Certificate Course 2024	03.12.2024	IAP Ped EM course (IPPEC)
13.	Cutting edge Technology and malnutrition in the community	IOT-Health	10.12.2024	IOT Health NIT Raipur
14.	Published Article (Sai et al) Presentation	Journal Ki Batt Indian Pediatrics	26.01.2025	IP Online
15.	Initial assessment of a sick child	PG Induction Program	12.02.2025	AIIMS, Raipur
16.	PG dissertation and Research methodology	PG Induction Program	13.02.2025	AIIMS, Raipur
17.	PALS Overview- Respiration	PG Induction Program	13.02.2025	AIIMS, Raipur
18.	Time management from a resident perspective	PG Induction Program	14.02.2025	AIIMS, Raipur

Dr. Tushar Jagzape

S. No.	Title	CME/Conference	Date	Organized by
1.	Good clinical practices	CME and workshop on GCP and ethical issues in research involving human subjects	11.08.2024	SSIMS , Junwani Bhilai
2.	Ethical issues in biospecimens and biobanking	CME and workshop on GCP and ethical issues in research involving human subjects	11.08.2024	SSIMS , Junwani Bhilai
3.	Poshan Maha- Live Health Awarness Program on DD News-Chhattisgarh	Charcha me	12.09.2024	DD- Kendra Raipur, CG
4.	Ozone for life- on line guest lecture	dIAP- Wednesday	18.09.2024	ECHC- IAP
5.	Symposium- Learning from Experiences	CGMICROCON 2024	22.09.2024	Shri Balaji Institute of Medical Sicence, Mowa, Raipur
6.	Good clinical practices	Online CME and workshop on Good clinical practices and ethical issues in research involving human subjects	14.11.2024	Pt DDU Memorial Health sciences and Ayush University of Chhattisgarh , Raipur
7.	Ethical issues in biospecimens and biobanking	Online CME and workshop on Good clinical practices and ethical issues in research involving human subjects	14.11.2024	Pt DDU Memorial Health sciences and Ayush University of Chhattisgarh , Raipur
8.	Extrapulmonary TB- diagnosis	National TB-elimination Program-State Level Training (TOT) on Pediatric TB-guidelines	21.11.2024	State TB department-LEPRA and SAARTHI. Hotel Rajputana Inn
9.	Treatment of TB and monitoring of treatment. Management of adverse events	National TB-elimination Program-State Level Training (TOT) on Pediatric TB-guidelines	21.11.2024	State TB department-LEPRA and SAARTHI. Hotel Rajputana Inn
10.	Drug Resistant TB- special conditions – HIV and TB	National TB-elimination Program-State Level Training (TOT) on Pediatric TB-guidelines	21.11.2024	State TB department-LEPRA and SAARTHI. Hotel Rajputana Inn

S. No.	Title	CME/Conference	Date	Organized by
11.	CKD detection in Children	World Kidney day celebration	12.03.2025	Department of Nephrology and NHM
12.	Management of Tuberculosis in Children	World TB week CME	28.03.2024	Department of Pulmonary Medicine-NHM
13.	Good Clinical Practices	Online – training	17-25.03.2025	Resilient Foundation For Academic Innovation & Scientific Research, New Delhi

Dr. Manas R. Sahoo

S. No.	Title	CME/Conference	Date	Organized by
1.	Modes of NIV	Odissa PEDICON 2024	08.11.2024	Academy of Pediatrics,Cuttack District branch
2.	Emerging MDR bugs – let's "RESERVE" the drugs	Bench to bedside -Pediatric critical care update	15.11.2024	Division of Pediatric Pulmonology and Intensive Care, Department of Pediatrics, AIIMS Raipur
3.	Fighting the Silent Threat: unravelling Neutropenic Sepsis	EPIC 2025	02.02.2025	Department of Anesthesiology & Critical Care,All India Institute Of Medical Sciences, Raipur
4.	Challenges in management of Severe Acute Malnutrition	IOT-health: IOT enabeling technology, security and its application on health care	10.12.2024	Department of Information Technology, NIIT Raipur

Dr. Simran Syal

S. No.	Title	CME/Conference	Date	Organized by
1.	When to suspect Immunodeficiency	National CME on "An insight into Primary Immuno Deficiency Disorders	27.04.2024	AIIMS Raipurand II State Chapter of the Association of Clinical Chemistry and Lab Medicine Practitioners (ACCLMP)
2.	Childhood Obesity – The Ticking Time Bomb and Objectives of OPD Management of Type I Diabetes Mellitus	Tuesday Treasure – An Academic Feast	08.10.2024	Chhattisgarh Academy of Paediatrics
3.	Adrenal Crisis in Emergency – When to suspect, how to manage	CME	25.10.2024	IAP Paediatric Emergency Medicine Chapter
4.	Hypoglycemia Management in Type I Diabetes and Sick Day Management	Capacity Building Workshop on Diagnosis, treatment initiation and Management of Type I Diabetes	05-06.02.2025	State Non Communicable Diseases (NCD) Cell, Directorate of Health Services, Chhattisgarh
5.	Thyroid Disorders in Paediatric Population	CME on Multidisciplinary Management of Thyroid Disorders	21.02.2025	AIIMS Raipur

ORAL PAPERS/POSTERS PRESENTED

S. No.	Authors	Title	Conference	Date	Organised by
1.	Gujarathi A, Jondhale S, Goel AK	Juvenile myelomonocytic leukemia with G6PD deficiency: A case report.	Pediatrics Hematology and Oncology Conference, Jammu	22.11.2024	Govt Medical College, Jammu and Pediatrics Hematology Oncology (PHO) Chapter of IAP
2.	Gujarathi A, Jondhale S, Goel AK	Clinical profile and short-term outcome of pediatric hyperleukocytosis	Pediatrics Hematology and Oncology Conference, Jammu	22.11.2024	Govt Medical College, Jammu and Pediatrics Hematology Oncology (PHO) Chapter of IAP

S. No.	Authors	Title	Conference	Date	Organised by
3.	Vashisth A, Jondhale S, Goel AK	Sickle cell trait: Is it truly a benign condition?	Pediatrics Hematology and Oncology Conference, Jammu	22.11.2024	Govt Medical College, Jammu and Pediatrics Hematology Oncology (PHO) Chapter of IAP
4.	Paikray S, Jagzape T, Bodhey N	Carotid artery aneurysm and it's management: A rare entiry in pediatric patients. (Received 2nd Best clinical case)	MEDSICON: 12th edition of Medical Students International Conference.	25-28.08.2024	VMMC & Safdarjung Hospital, New Delhi.
5.	Paikray S, Jagzape T	Post Infectious psychosis in pediatric patient: A diagnostic conundrum.	MEDSICON: 12th edition of Medical Students International Conference.	25-28.08.2024	VMMC & Safdarjung Hospital, New Delhi.
6.	Panda S, Jagzape T	The Double-Edged Sword of Immunosuppression in Takayasu Arteritis:Navigating the Fine Line Between Risk and Resilience	Rheumatology Update 2025	23.02.2025	AIIMS Raipur
7.	Sahoo MR, Jindal A, Kumar M	Outcome of cardiopulmonary resuscitation in pediatric population in a tertiary care hospital ,Central India-A prospective observational study	Pedicriticon 2024	13-15.12.2025	Indian Academic of Pediatrics Chennai

RESEARCH
Funded Project
Ongoing

S. No.	Project	Principal Investigator	Funding Agency	Duration (years)	Start year-End year	Total funds sanctioned (Rs.)
1.	Adaptive, randomized, active-controlled, open-label, sequential cohort, multi center study to evaluate the efficacy, safety, tolerability, and pharmacokinetics of intravenous Cipargamin (KAE609) in adult and Pediatric participants with severe Plasmodium falciparum malaria **(KARISMA – KAE609's Role** in Severe Malaria)**Sub**: Protocol CKAE609B12201	Dr. Anil K Goel	Novartis Pharma India Limited	2 years	2022-2024	95,3390
2.	Randomized, Double-Blinded, Placebo-Controlled Study to Evaluate the Safety, Tolerability, and Efficacy of **Intravenous Varespladib** Followed by Oral Varespladib in Addition to Standard of Care in Subjects Bitten by Venomous Snakes (BRAVIO - Broad-spectrum Rapid Antidote: Varespladib IV to Oral Trial for snakebite) Protocol Number: OPX-PR-03	Dr. Anil K Goel	Syneos Health	2 years	2023-2025	390860
3.	Establishment of DBT-NIDAN kendra at All India Institute of Medical Sciences, Raipur, Chhattisgarh & Screening of pregnant women and newborns in aspirational districts – Rajnandgaon	Dr. Anil K Goel	DBT, MoS, GOI	5 years	2025-2029	4.99 croers

S. No.	Project	Principal Investigator	Funding Agency	Duration (years)	Start year-End year	Total funds sanctioned (Rs.)
4.	Concurrent Assessment of Nutrition and Coverage of Preventive Nutrition Interventions/ Behaviours among Children and Outcomes of Treatment Services for Children with Severe Wasting	Lt Gen Ashok Jindal, Dr. A. K. Goel	UNICEF	6 month	June 2024 June 2025	2,00,000
5.	Effectiveness of community-based treatment programs to treat children aged 6-59 months withuncomplicated severe acute malnutrition usingaugmented take home ration: a prospective longitudinal follow up study	Dr. Anil K. Goel	UNICEF	12 months	Jan 2025 June 2025	2,00,000
6 .	MP SNCU Peer Mentoring – Quality Improvement Project	Dr. Atul Jindal	MP NHM	2 Years	2023-2025	1.28 Crores
7 .	Quality Improvement in Maternal and newborn care	Dr. Atul Jindal	UNICEF	5 Years	2023-2028	50 Lacs
8.	Systematic screening for presumptive paediatric tuberculosis patients and nasopharyngeal aspirate specimen collection in durg district hospital, raipur district hospital & aiims raipur pediatric department, chhattisgarh, india to improve tuberculosis diagnosis : a feasibility study	Dr. Manas Ranjan Sahoo	NHM, State TB Cell	1 year	2024-2025	125966.00
9.	Screening for Latent Tuberculosis in high risk children using CTb test in District Hospital Durg,Raipur and AIIMS Pediatrics Department,Chhattisgarh	Dr. Manas Ranjan Sahoo	NHM, State TB Cell	1year	2024-2025	129674.00

Departmental Projects – Non-Funded Projects/ ICMR-STS Projects/ Thesis/Dissertations

Ongoing

S. No.	Project
1.	Study of small and middle molecule clearance rate in children undergoing peritoneal dialysis in a tertiary care hospital in central India – A Prospective observational study.
2.	Prehospital transport and care
3.	Outcome of cardiopulmonary resuscitation in pediatric population in tertiary care centre in central India - an observational study
4.	Outcome of cardiopulmonary resuscitation in pediatric population in tertiary care centre in central India - an observational study
5.	Effectiveness of 10mg zinc in replace of 20mg in more the 6 month age group diarrhoea patient
6.	Non- Funded as PI: (Co- PI Dr Phalguni Padhi and Dr Debanjan from IIIT)"Non-invasive Detection and Grading of Neonatal Jaundice based on Smartphone Photography
7.	Role of Prophylactic Antiepileptic Therapy in the management of Clinically Diagnosed Raised Intracranial Pressures in Children: A Randomised Clinical Trial (PAIP Study)
8.	Evaluation of Body Composition and it`s changes with treatment in Children with Nephrotic Syndrome : A Prospective Observational study
9.	Quality Of Life in Pediatrics Cancer Patients Receiving Chemotherapy in A Tertiary Care Hospital In Central India.
10.	Prediction of neonatal mortality and morbidity using a novel scoring system in newborns admitted in Level III NICU: A prospective observational study
11.	Effect of Zinc Oral Supplementation in Hyperbilirubinemia (ZOSH) on SerumBilirubin Levels in Neonates Requiring Phototherapy: A Double-blind Randomized Controlled Trial (ZOSH Trial)
12.	Quality of Life in Children with Cerebral palsy aged 4 to 12 years at a tertiary care hospital
13.	Outcomes of pediatric cardia surgery and predictors of major complications at a tertiary care centre
14.	Dexamethasone in Acute bronchiolitis - A Randomised controlled trial
15.	Continuous vs intermittent enteral tube feeding in critically ill children - An open labelled randomised control trial.
16.	Role of prophylactic Levetiracetam on seizure prevention in children during post CPR recovery phase – A Randomized Controlled Trial.
17.	Utility of shock index Paediatrics age adjusted (SIPA) as adjunct to clinical approach for recognizing sepsis in children.
18.	Effect of Zinc Oral Supplementation in Hyperbilirubinemia (ZOSH) on Serum Bilirubin Levels in Neonates Requiring Phototherapy in a Tertiary Care Hospital in Central India: A Double-blind Randomized Controlled Trial (ZOSH Trial).
19.	Comparison of bubble Continuous Positive Airway Pressure (CPAP) vs Heated Humidified High Flow Nasal Canula (HFNC) in the management of moderate to severe acute bronchiolitis – An Open Label Randomized Controlled Trial.
20.	Newborn Screening for Sickle Cell disease – A Prospective Observational study
21.	Incidence of severe anemia requiring blood transfusion in children with malignancies undergoin intensive phase of chemotherapy.

S. No.	Project
22.	Restricted Versus Liberal Maintenance Fluid Strategy In Mechanically Ventilated Children: A Open-Label Randomized Control Trial
23.	Quality Of Life in Children Diagnosed as Cerebral palsy aged 4 to 12 years attending AIIMS Raipur.
24.	Efficacy of Low Molecular Weight Heparin (LMWH) in Vaso Occlusive Crisis in Children with Sickle Cell Disease; Open label, Randomised control trial.
25.	Determination of prognostic utility of pSOFA score along with CRP in children with Septic Shock at ED admission
26.	Development of Team triage approach and study it's effectiveness in paediatric emergency a - quasi experimental study Guide name
27.	Role of ProphylacticAntiepileptic Therapy in the management of Clinically Diagnosed Raised Intracranial Pressures in Children: A Randomised Clinical Trial (PAIP Study)
28.	Comparing Outcome of Early vs Conventional Intubation Practices in Children with Fluids Refractory Septic Shock- An Open Label Randomized Controlled Trial.
29.	Conservative versus Conventional oxygenation target in children admitted in PICU - A Randomised Controlled Trial
30.	Comparison of sedation efficacy of Dexmedetomidine and Midazolam in critically ill children - A single blinded, parallel design, randomised controlled trial
31.	Early vs Conventional High-Frequency Oscillatory Ventilation in Moderate and Severe Acute Respiratory Distress syndrome: An Open Labelled Randomized Controlled Trial
32.	Early continuous renal replacement therapy versus standard care in critically ill children with catecholamine resistant septic shock [CRISIS Trial]: An open label, pilot, single centre randomised controlled trial
33.	Thyroid abnormalities in patients with type I diabetes
34.	Profile of Pediatric Trauma – A hospital based prospective observational study

Completed

S. No.	Project
1.	Comparison of efficacy of 7 days versus 14 days course of intravenous antibiotics in the treatment of uncomplicated neonatal bacterial sepsis: a randomized controlled non - inferiority trial.
2.	To assess the recovery time of neutropenia (moderate to severe after filgrastim in children with Pediatric malignancy recieving chemotherapy in central india
3.	conventional vs intranasl ketamine and intranasl midacolam for elective procedural sedation and analgesia a randomised controlled trial
4.	Clinico-epidemiological profile of Paediatric Rheumatological Diseses in a Tertiary care centre. (Non funded)
5.	Efficacy and safety of early fortification of human milk as compared to standard fortification in very low birth weight babies – an open labelled parallel arm randomized controlled trial
6.	Lung and diaphragm protective ventilation by titrating ventilatory pressures according to iaphramatic efforts in children - Randomised controlled trial

S. No.	Project
7.	Assessment of Neutropenia recovery after Granulocyte -Colony stimulating Factor (GCSF) in children with Malignancy
8.	To determine the optic nerve sheath diameter (ONSD) values by point of care ultrasound for diagnosing raised intracranial pressure and its correlation with clinical severity in children
9.	Early versus conventional initiation of renal replacement therapy in children with AKI

Collaborative Projects

Ongoing

S. No.	Project	Collaborating Department/Institution
1.	A non -inferiority randomized trail to assess the efficacy of 10 mg hydoxyurea/kg/day versus 20mg/kg/day in treatment of sickle cell disease patients of tribal and non-tribal areas in India	Biochemistry
2.	Development of Non- Invasive Screening of Hemoglobin for Anemia Device (NISHAD) as a Point of Care Test: A Pilot study	Department of Physiology and Medicine. PI from Physiology
3.	Karyotyping: a good tool for screening of genetic diseases	Department of anatomy,

Completed

S. No.	Project	Collaborating Department/Institution
1.	"National Registry on COVID-19 infection among pregnant and their neonates" Multi Centre ICMR Project.	Obstetrics and Gynecology

PUBLICATIONS

1. Johns J, **Goel AK**, **Jondhale S,** Kumar Venkatesan D, Shah S, **Syal S.*et al.*** Splenic Dysfunction in Children With Sickle Cell Disease: A Single Centre Experience From Central India. Indian Pediatr 2024;61:817–822.
2. Reddy SP, **Jondhale SN**, Rathia SK, Yusuf S, Shah S, **Goel AK**. Ketorolac vs Morphine for Severe Vaso-Occlusive Crisis in Sickle Cell Disease: An Open-Label Randomized Controlled Trial (KISS Study). Indian Pediatr. 2025 Jan 15;62(1):15-19.
3. Ambati P, Galhotra V, **Jondhale S,** Dolker T, Ravi M, Rathod P. Evaluation of oral complications in children undergoing chemotherapy: An observational study. Journal of Indian Society of Pedodontics and Preventive Dentistry 2024;42(3):184-189.
4. Sharma S, Patel S**, Pandit V**, Tirunelvely N, Jondhale S, Patel M, et al. To Estimate the Coagulopathy Potential of Packed RBC Transfusions in Multi-Transfused Patients: A Prospective Cohort Study. Indian Journal of Hematology and Blood Transfusion. 2025;x: 1-9.
5. Kapil I, **Goel A, Sahoo M R.** Profile of Acute Kidney Injury in the Pediatric Age Group in a Tertiary Care Hospital: A Prospective Observational Study. Cureus 2024; 16(2): e54236.

6. Aggarwal J, Rathore V, **Goel AK**, Bala S, Saha AK, Sharma AR. Continuous Ambulatory Peritoneal Dialysis as Kidney Replacement Therapy in a child with Hemophilia A. Indian J Pediatr. 2024 Oct;91(10):1104.
7. Varghese AR, Kambagiri P, **Sahoo MR**, **Jindal A, Goel AK**. Role of Intravenous Dexamethasone in Prevention of Post extubation Airway Obstruction in Mechanically Ventilated Children in Pediatric Intensive Care Unit: A Double-blind Randomized Controlled Trial. Indian J Crit Care Med 2024; 28 (11):1063-1068.
8. Seth T, Udupi S, Jain S, Bhatwadekar S, Menon N, Jena RK, et al. Burden of vaso occlusive crisis, its management and impact on quality of life of Indian sickle cell disease patients. Br J Haematol. 2025 Jan;206(1):296-309.
9. Mohanty N, **Goel AK, Sahoo MR,** Shah S, Mohapatra I. Determinants of Acute Kidney Injury in Children With Nephrotic Syndrome: A Prospective Observational Study. Cureus. 2025 Jan 3;17(1):e76878.
10. Bc G, Yusuf S, Jondhale S, Goel AK, Kartek M. Acute Myeloid Leukemia Presenting with Mediastinal Mass with Acute Airway Compression. Indian J Pediatr. 2025 Feb;92(2):219.
11. Reddy M, Chhabra N, **Goel AK**, Ganguly S. Relevance of Atopic Dermatitis Diagnostic Criteria in Context to Indian Paediatric Population: A Cross-sectional Study. Indian J Dermatol. 2025 Jan-Feb;70(1):50.
12. **Syal S**, Takalikar V, Rao S, Joshi R, Bodhanwala M. Clinico-etiological Profile and Metabolic Complications in Pediatric Early Onset Obesity - Experience from a Tertiary Care Centre in India. Indian Pediatr. 2025;6**2:**138–42.
13. Tripathi M, **Syal S**, Satarkar R, Gadhoke CS. Bilateral Orbital Lesions presenting as the First Manifestation of Multiple Myeloma. Neurology India. 2024;72(3): 690-1.
14. Lanjewar P, Tripathi M, **Syal S**, Singh BK, Anjankar S, Gandhoke CS. Pathological laughter as an unusual first presenting symptom of petroclival meningioma. Surgical Neurology International. 2024;15:420.
15. Verma S, Salotagi S, Angadi VM, et al. Complicated neurological pathways: tuberculoma with Guillain-Barre syndrome – an uncharted clinical odyssey ***BMJ Case Reports CP*** 2024;**17:**e262702.
16. Kartek M, Kannan A, Anand V, **Sahoo MR**. Intravenous levetiracetam versus intravenous phenytoin as second Line treatment in pediatric convulsive status epilepticus- open label randomized controlled trial. J Family Med Prim Care. 2024 Aug;13(8):3368-3373.
17. Sathwik G, **Sahoo MR.** Keeping tiny bodies warm: A quality improvement triumph. Pediatr Anaesth 2024; 34: 1177-1177 l

Abstracts Published in Journal(s):

1. Johns J, **Goel AK, Jondhale S.**Reach and effect of hydroxyurea and penicillin prophylaxis in sickle cell disease – studybased on a tertiary care centre catering to tribal population base. Archives of Disease in Childhood 2024;**109:**A355.

2. Gujarathi A, **Jondhale S, Goel AK**. Juvenile myelomonocytic leukemia with G6PD deficiency: A case report. Pediatric Hematology Oncology Journal 2024; 9(4): S57.

3. Gujarathi A, **Jondhale S, Goel AK**. Clinical profile and short-term outcome of pediatric hyperleukocytosis. Pediatric Hematology Oncology Journal 2024; 9(4): S57-S58.

4. Vashisth A, **Jondhale S, Goel AK**. Sickle cell trait: Is it truly a benign condition? Pediatric Hematology Oncology Journal 2024; 9(4): S35.

Chapter(s) in Books

Sl No.	Author (s)	Chapter Title	Editor	Book	Edit-ion	City of Publica-tion	Publi-sher	Year of Publica-tion	First-Last Page
1.	Naseem Md, Chrish Antony J, K Goel A.	Discharge, Handovers and Continuity of Care in Emergency Room.	Patnaik S	Pediatric Emergencies: A Comprehensive Manual	1st	New Delhi	Evangel Publishing	2024	24-27
2.	Yusuf S, K Goel A	Multidisciplinary care in Pediatric emergency department	Patnaik S	Pediatric Emergencies: A Comprehensive Manual	1st	New Delhi	Evangel Publishing	2024	28-30
3.	Murugan TP, K Goel A.	Coping as a Junior Doctor	Patnaik S	Pediatric Emergencies: A Comprehensive Manual	1st	New Delhi	Evangel Publishing	2024	31-34
4.	Kumar V Dilip, Kumar Tripathy Sobhit, K Goel A.	Triage in Emergency.	Patnaik S	Pediatric Emergencies: A Comprehensive Manual	1st	New Delhi	Evangel Publishing	2024	12-17

PATIENT CARE

	OPD	IPD
Total	35076	3524

AWARDS, HONOURS AND SIGNIFICANT EVENTS

Department Core

Some of the key achievements

S. No.	Achievements
1.	Started PDCC Hemato-oncology in the department (July 2024)
2.	3Rd Prize of Hindi Dictation Protsahan
3.	The contribution of the SCoE4N was recognized by the Mohla Manpur Ambagarh Chowki district administration and was awarded with a memento and certificate.

Dr. Anil K. Goel

1.1. Academic Achievements:

I. Organized workshop on AHA PALS & BLS AIIMS Raipur, 17-19 Jan 2025.

II. National advisor to Editorial board of Journal 'Indian Pediatrics Case Reports' 2025.

III. Organized workshop on Advanced Ventilation and CME on recent trends in ICU care as Patron at AIIMS Raipur, 13-15 2024 Sept 2024.

IV. Organized EMA36 & EMPART 24 (10th National Conference of Pediatrics Emergency Medicine, 10th Emergency Medical Pediatric Advances and Recent Trends as Organizing Chairperson at AIIMS Raipur, 19-21 April 2024

1.2. Awards/Honors and Recognition:

I. National advisor to the Editorial board of the Journal Indian Pediatrics case report (IPCares) 2025.

II. National advisor to the Editorial board of the Journal 'Indian Pediatrics 2024.

III. Fellowship (FIMSA) recognition of International Medical Science Academy in 2023.

IV. Chairperson, Pediatric Emergency Medicine Chapter of IAP-2025.

V. Chairperson: Hema Quest: Annual Conference of Chhattisgarh Haematology Association & Eastern Haematology Group on "Approach by Pediatric oncologist: red flag signs", "Approach by haematologist: how to treat"&"Flow cytometry in diagnosis of leukaemia"

VI. Chairperson: EMPART 24 & EMA36 on "Communication with the family members"

VII. Chairperson: EPIC 2025 on "Refining Airway Occlusion Pressure: Strategies for Optimal Mechanical Ventilation & Harnessing AI for Smarter Mechanical Ventilation in the IC"

VIII. Panellist: Hema Quest: Annual Conference of Chhattisgarh Haematology Association & Eastern Haematology Group on "Management of relapsed B cell acute leukaemia"

IX. Judge: CZ PEDICON award paper 2024

X. Moderator: NAPEM 2025 on "Breath Detectives: Solving Respiratory Riddles in the Pediatric ED"

XI. Panellist: Sensitization and Skill buiding in Cytogenetics and FISH on "Role of FISH in diagnosis in Genetics"

XII. Trainer Pediatrics BLS on Internship Induction Program

XIII. Chairperson: CME on advanced ventilation 2024 on " Pediatrics sepsis and septic shock redefined"

XIV. Chairperson: MMI emergency workshop on Chhattisgarh Emergency Medicine & Trauma Symposium – 2024".

Dr. Tushar Jagzape

I. Appointed Chairperson of Institute Ethics Committee- Pt DDU Memorial Health sciences and Ayush University of Chhattisgarh , Raipur.

II. Member or Editorial board of EnRICH magazine: Official magazine of Environment and Child Health Chapter, IAP.

III. Copyright: (Literary work) CASE RECORD FORM FOR ASSESSMENT OF COGNITIVE EXECUTIVE FUNCTION AND CHRONOTYPE IN AN OBESE PAEDIATRIC SUBJECT. Reg no. L-158858/2024Date: 31-12-2024 co-authors : Dr Jobi T John, Dr Arunita Jagzape, Dr Meenakshi Sinha.

IV. Design patent: Design no. 430474-001ROTATABLE TEACHING DISCSDate: 13/09/2024Co-applicant: Dr Arunita Jagzape, Dr Meenakshi Sinha.

V. Guest Lecture: Tuesday Treasure: monthly webinar on Managing allergic diseases – Don't forget the environment.

VI. Moderator & Panel discussion: Tuesday Treasure: monthly webinar on Common allergic disorders in office practice.

VII. Guest Lecture : CME on world asthma day on Childhood asthma : What, When, How?

VIII. Guest Lecture: Workshop on Vaccine Preventable Diseases & AEFI surveillance on Global and India Polio Situation, Epidemiology of Polio.

IX. Guest Lecture and Moderator: Journal club under IAP Medical Education chapter on Cohort study design.

X. Panel discussion on Evidence based management of preschool wheezers.

XI. Guest Lecture: Annual National Conference of Environment and Child Health Chapter of IAP PEDENVICON 2024 on Noise pollution and effect on health.

XII. Moderator: dIAP PEM chapter on Physiologically difficult airway.

XIII. Panel Discussion: CME on Pharnacovigilance on Improving Patient Safety Through Raising

Healthcare Providers Awareness of Adverse Drug Reactions.

Dr. Tripty Singh

I. Member – IAP Growth, Development and Behavioral Pediatrics (GDBP) chapter.
II. Panellist: CZ PEDICON on "Molecular diagnostics in Infectious disease".

Dr. Manas Ranjan Sahoo

I. IAP PALS trainer
II. NELS TOT course completed and became NELS trainer.
III. Chairperson: EMPART 2024.
IV. Chairperson: Pulmonary Medicine Updates 2025 on "Peripheral airway obstruction".
V. Chairperson: State level Conference on "Management of Lymphoma on Role of Stem cell transplant in lymphoma".

Dr. Sunil Jondhale

I. Did In Service Fellowship in Pediatrics Hematology Oncology andlooking after these services in department.
II. Elected as Central Executive Body Member of Pediatrics Hematology Oncology Chapter of Indian Academy of Pediatrics.
III. Trainer of National Training of Pediatrics Oncology.
IV. Editor of "PHO Vibes" 2024 - official Newsletter of Pediatrics Hematology Oncology Chapter of Indian Academy of Pediatrics. Released at PHOCON Jammu 2024.
V. Started PDCC (Fellowship) in Pediatrics Hematology Oncology in Sept 2024 and first Fellow joined and working in this sub speciality.
VI. Panel Discussion: Mid term PHOCON Nagpur on Immune thrombocytopenia in Children.
VII. Panel Discussion: Central Zone PEDICON, Raipur on Sickle cell disease.
VIII. Panelist: BALCO Cancer Conclave on Recent Advances and Challenges in Management of Pediatrics B Cell ALL.
IX. Panelist: Mumbai Hematology Group CME and Essence of ASH Mumbai on Approach to rare anemia in children.
X. Chairperson: Pediatrics Hematology and Oncology Conference, Jammu on "Diagnosis and Risk Stratification of Acute Leukemia in Children".
XI. Chairperson: Pediatrics Hematology and Oncology Conference, Jammu on "Germ Cell Tumour: MaGic of Collaboration".
XII. Panelist: State Level CME on World Cancer Day on "Common Oncological Emergency".
XIII. Panelist: State Level CME on "Lymphoma on Pediatrics Non Hodgkin Lymphoma".
XIV. Training Talk and Demo: National Training Program of Pediatrics Oncology on "Mediastinal Masses and SVC synfrome in Children".
XV. National Training Program of Pediatrics Oncology on "Orbital Masses in Children".

Dr. Simran Syal

I. Panelist in Panel Discussion: Central Zone and Chhattisgarh PEDICON on "Thyroid Disorders in Office Practice".
II. Chairperson: National CME on Updates in Pediatric Critical Care – Bench to Bedside.
III. Panelist in Panel Discussion: Diabetes and Well Being on "Diabetes – A silent killer – Challenges in saving Vital organs and Improving Quality of Life".
IV. Chairperson: 2nd Annual Conference of Chhattisgarh Obesity Diabetes and Endocrine Society.
V. Chairperson: 10th National Conference in Emergency Paediatric Advances in Recent Trends (EMPART) 2024

PUBLIC AWARNESS ACTIVITIES

I. Pediatrics Cancer awareness day was celebrated on 15 feb 2024 with public awareness program on childhood cancer.

II. Breastfeeding Week was observed during the first week of September to promote optimal infant and young child feeding practices

III. ORS Day is observed in India on July 29th to raise awareness about the life-saving benefits

IV. Activities done under State Centre of Excellence for nutrition Intervention (SCoE4N):-

i. A total of 1,24,326 children were enrolled in the CMAM project, comprising 28,813 with Severe Acute Malnutrition (SAM) and 95,513 with Moderate Acute Malnutrition (MAM).

ii. The field CMAM project successfully transitioned 1358 SAM children to normal health, and 8143 MAM children to normal health achieving a cure rate of 36% for SAM children.

iii. Directly supported 1468 government Aangawadicenters supported through supportive supervision by District coordinates.

iv. 793 VHSNDs (government community program) monitored and supported in communities.

v. 551 SAM Children and 1239 MAM children provided with Augmented take home ration.

vi. Supported 95 community-based events like Annaprashan, Godbharai, Suposhan Diwas, Shalapurv Shiksha. Jan Swasthya Diwas.

vii. 390 virtual telemonitoring sessions for Nutrition Rehabilitation Centres (NRCs) and field support, alongside 173 physical visits to NRCs across the state.

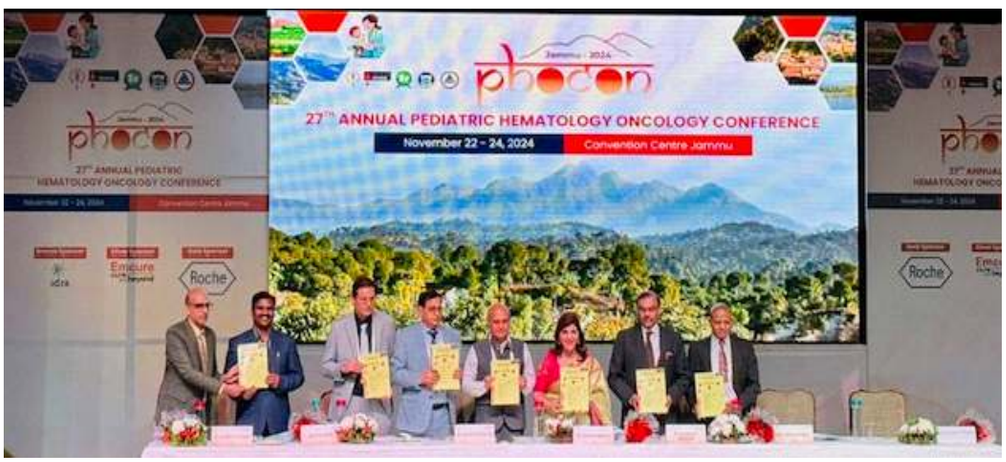
viii. 201 master trainers were developed in Infant and Young Child Feeding (IYCF) practices.

ix. 279 adolescents' girls supported in AMB (AnemiaMukt Bharat by District coordinates.

x. 576 Schools visited for AMB support, with special focus on blue and pink medicines.

xi. Registered and managed 500 cases of Paediatric Cancer in the Department.

xii. Sickle cell clinic – Total 600 cases registered and under our follow up.



Photos of Release of PHO VIBES



Photos of Cancer awareness Day

Department of Pediatric Surgery

Additional Professor & Head
Dr. Nitin Kumar B Borkar

Associate Professors
Dr. Charu Tiwari
Dr. Reyaz Ahmad Wani
Dr. Prince Pandey

HIGHLIGHTS

The department is functioning with 6 days OPD services and three days elective OT per week and 24x7 emergency services. There are two special clinics:

a) Hypospadias Clinic on every Monday

b) Birth Defect Clinic on every Friday

The department primarily focuses on Congenital Anomalies, especially Hypospadias. Hypospadias repair surgery forms the major bulk of operative procedures around all age-groups in Pediatrics. In the last year, we have published 6 meta-analyses related to hypospadias.

There are two academic SRs; all have thesis on different aspects of hypospadias.

In the birth defect clinic, to-be parents are counselled who have been diagnosed with congenital anomaly during ante-natal period. They are kept on follow-up and are counselled for institutional delivery. This helps in early assessment for surgical correction and improved outcomes.

The department is currently working on Systematic review and meta-analysis and also network meta-analysis.

EDUCATION

Department conducts teaching activity for staff in hospital and operation theatres based on their need or where we consider strengthening them. Integrated teaching with other departments like neonatology.

Academic Development

Two academic MCh SR undergo full training in clinical, research and operative works of the department. Regular classes, seminars and review with feedback are conducted in the department.

CMEs/WORKSHOP/SYMPOSIA/NATIONAL & INTERNATIONAL CONFERENCES

S. No.	Title	CME/Conference	Date	Organized by
1.	Systematic review and metaananlysis	National Workshop	28-29.03. 2025	Department of Pediatric Surgery and Research Cell AIIMS Raipur
2.	Symposium Anorectal Malformation	IAPSCON Rishikesh	8-9.11.2024	AIIMS Rishikesh

LECTURES DELIVERED AT CMEs, NATIONAL & INTERNATIONAL CONFERENCES

S. No.	Title	CME/Conference	Date	Organized by
1.	Acute Abdomen – Surgical Aspects an ER physician should know	EMPART 2024	20-21.04. 2024	AIIMS Raipur
2.	Systematic Review and Meta-analysis	Annual Pediatric Surgery Update MAMC	06.02. 2025	MAMC New Delhi
3.	Introduction to Systematic Review and Meta-analysis	National Workshop SRMA	28-29.03. 2025	Ped Surge and Research Cell AIIMS Raipur
4.	Literature Search Systematic Review and Meta-analysis	National Workshop SRMA	28-29.03. 2025	Ped Surge and Research Cell AIIMS Raipur
5.	Revman Software Systematic Review and Meta-analysis	National Workshop SRMA	28-29.03. 2025	Ped Surge and Research Cell AIIMS Raipur

ORAL PAPERS/POSTERS PRESENTED

S. No.	Title	CME/Conference	Date	Organized by
1.	Comparison of stretched penile length in hypospadias patients with stretched penile length of normal healthy children using established nomogram	International Hypospadias Conference, UAE	10-12.05. 2024	International Hypospadias Society
2.	Morgagni Hernia in an adolescent: A rare presentation and laparoscopic repair.	PESICON, 2025, Kochi	14-16 .02. 2025	PESI-IAPS

RESEARCH
Funded Project
Ongoing

S. No.	Project	Principal Investigator	Funding Agency	Duration (years)	Start year-End year	Total funds sanctioned (Rs.)
1.	Uroflowmetry Nomograms in healthy boys from Central India	Dr Charu Tiwari	Intramural	01 year	2024-2025	3,71,800 INR

Departmental Projects – Non-Funded Projects/ ICMR-STS Projects/ Thesis/Dissertations
Ongoing

S. No.	Project
1.	Correlation of Anogenital distance in hypospadias with severity of hypospadias
2.	Comparison of Stretched Penile Length in patients with proximal hypospadias before and after chordee correction: A matched analysis with age-specific nomograms

Completed

S. No.	Project
1.	Comparison of stretched penile length in hypospadias patients with stretched penile length of normal healthy children using established nomogram
2.	A comparative study on the uroflowmetry parameters between single stage and staged hypospadias

Collaborative Projects
Ongoing

S. No.	Project	Collaborating Department/Institution
1.	Comparison Of Oral Melatonin and Oral Clonidine, Premedication for Attenuation of Intubation Response In Pediatric Patients, Undergoing Surgical Procedures Under General Anaesthesia: A Double-Blinded Randomized Controlled Trial	Anesthesia
2.	Ultrasound-guided quadratus lumborum block versus ultrasound-guided caudal epidural block for post-operative analgesia in children undergoing lower abdominal surgeries: A prospective randomized controlled study.	Anesthesia

Completed

S. No.	Project	Collaborating Department/Institution
1.	Clinical, Genetic, Biochemical, Hormonal, and Radiological Profile in Patients with Disorders of Sex Development Presenting at a Tertiary Care	Anatomy

PUBLICATIONS

1. Sinha MB, Tiwari C. Clinical, Genetic, Biochemical, Hormonal, and Radiological Profile in Patients with Disorders of Sex Development Presenting at a Tertiary Care Centre in Central India. National Journal of Clinical Anatomy. 2024 Jul 1;13(3):121-8.
2. Tiwari C, Borkar N, Ashwin C, Sinha CK. Delayed Presentation of Malrotation after Infancy: A Systematic Review Based on Clinical Presentations, Associated Anomalies, Diagnosis, and Management. Journal of Indian Association of Pediatric Surgeons. 2024 Sep 1;29(5):417-34.
3. Choudhary R, Tiwari C, Borkar N, Ganguly S, Keche A. Pediatric Basidiobolomycosis: An Uncommon and Misdiagnosed Entity Pediatric Basidiobolomycosis: An Uncommon and Misdiagnosed Entity. Indian Dermatology Online Journal. 2024 Sep 1;15(5):817-22.
4. Borkar N, Tiwari C, Nair A, Das K, Sinha CK. Snodgrass (Tubularized Incised Plate) versus Mathieu repair of distal hypospadias: A systematic review and meta-analysis of Randomized Controlled Trials. Urologia Journal. 2024 Nov;91(4):842-51.
5. Borkar N, Tiwari C, Ashwin C, Kalla R, Arora RD, Ganga RT. Tamarind Seeds in Tracheobronchial Tree: Challenges during Rigid Bronchoscopy. Journal of Indian Association of Pediatric Surgeons. 2024 May 1;29(3):277-80.
6. Borkar N B.; Nair A. Significance of fragility index in meta-analysis. Saudi Journal of Anesthesia 18(2):p 310-311, Apr–Jun 2024. | DOI: 10.4103/sja.sja_749_23.
7. Nair A, Borkar N, Murke SS, Dudhedia U. Safety and Efficacy of the Use of Supraglottic Airway Devices in Children and Adolescents Undergoing Adenotonsillectomy—A Systematic Review and Meta-Analysis. ***Journal of Personalized Medicine***. 2024; 14(3):311. https://doi.org/10.3390/jpm14030311
8. Chakraborty NS, Saurav GK, Kashyap N, Suresh PM, Borkar N, Gupta R. Surgically challenging inflammatory myofibroblastic tumor: A rare neoplasm of lung. Asian Cardiovascular and Thoracic Annals. 2024;0(0). doi:10.1177/02184923241248681.
9. Mehsare P, Borkar N, Kashyap N, et al. Comparison of Intercostal and Subxiphoid Left Pleural Drain After Coronary Artery Bypass Grafting (CABG) Surgery: A Systematic Review and Meta-Analysis. Cureus 16(6): e61710. doi:10.7759/cureus.61710.
10. Nair AS; Dudhedia U; Bodas PV; Rangaiah M; Borkar N. Efficacy and safety of sublingual buprenorphine in managing acute postoperative pain – A systematic review. Journal of Anaesthesiology Clinical Pharmacology ():10.4103/joacp.joacp_245_23, July 19, 2024. | DOI: 10.4103/joacp.joacp_245_23
11. Nair AS; Borkar N. Sensitivity and subgroup analysis in a meta-analysis – What we should know?. Indian Journal of Anaesthesia 68(10):p 922-924, October 2024. | DOI: 10.4103/ija.ija_623_24.
12. Cherunghattil N, Kalbande J V, Khobragade P, et al. (October 26, 2024) Persistent Penile Erection Following Spinal or General Anesthesia During Pediatric Hypospadias Repair: A Case Report. Cureus 16(10): e72445. doi:10.7759/cureus.72445.
13. Pai Vikram; Borkar Nitin; Nirvan Mohit; Verma Meghnath. Immediate Hemodynamic Changes during Slow Uninostril and Alternate Nostril Breathing Patterns in Normotensive Adults. International Journal of Yoga 17(3):p 175-181, Sep-Dec 2024. | DOI: 10.4103/ijoy.ijoy_115_24.

14. Mahitha G, Singha S K, Kumar M, et al. (December 24, 2024) Comparative Analysis of the Postoperative Analgesic Effect of Caudal Ropivacaine Versus Ropivacaine With Nalbuphine in Infra-Umbilical Pediatric Surgeries: A Randomized, Double-Blind Pilot Study. Cureus 16(12): e76311. DOI 10.7759/cureus.76311.
15. Nair, Abhijit S.; Borkar, Nitin K.1. Various biases in systematic review and meta-analysis and their assessment. Indian Journal of Anaesthesia 69(1):p 138-142, January 2025. | DOI: 10.4103/ija.ija_1212_24.
16. Nair A S.; Gurajala I ; Borkar N; Dudhedia U; Rangaiah M; Diwan S. Safety and efficacy of remifentanil in patients undergoing bariatric and metabolic surgeries – A systematic review. Indian Journal of Anesthesia 69(1): p 123-131, January 2025. | DOI: 10.4103/ija.ija_825_24.

PATIENT CARE

OPD	IPD	Major OT
8175	1176	707

AWARDS, HONOURS AND SIGNIFICANT EVENTS

1. Dr Nitinkumar Borkar Received Diploma in Medical Law and ethics – a hybrid course conducted by NLSU Bangalore.
2. Dr Nitinkumar Borkar been elected as EC central Zone for RIPSS (Research and Innovation Pediatric Surgical Society)

Department of Pathology & Lab Medicine

Professor & Head
Dr. Amit Kumar Chowhan
Professors
Dr. Nighat Hussain
Dr. Pragati Laxman Rokade (From 24.03.2025)
Additional Professors
Dr. Rahul Satarkar
Dr. Rakesh Kumar Gupta (From 27.12.2024)
Associate Professor
Dr. Ashish Kumar Gupta
Assistant Professors
Dr. Yashita Gupta
Dr. P. Aruna
Dr. Anil Kumar Verma (From 31.12.2024)
Dr. K. Ankita Simon (From 01.01.2025)

HIGHLIGHTS

Regular External Quality Assurance programs are being done with various reputed labs of the country (Histopathology & ISHTM EQAS for Hematology with AIIMS, New Delhi, ISHBT Coagulation profile with CMC, Vellore, Cytopathology with Indian Academy of Cytology and Immunohistochemistry (HCG EQAS) with Tata Memorial Centre, Mumbai.Addition of new parametersin coagulation assay like Factor inhibitor screening, Lupus anti-coagulant assay,Liquid Based Cytology (SurePath) test for Cervical Pap Smears was started from June 2022 and expansion of IHC panelwas undertaken. This year the Department started Telepathology session with AIIMS, New Delhi under which monthly one session is being organized with guest lectures by renowned National and International faculty in concerned sub-speciality.A state of the art 'Surgical Pathology Museum' with 152 well preserved and mounted specimens is available in the department for MBBS teaching. Channelizing and fast tracking of different equipment and consumables in pipeline for further advancement of the department is being made

EDUCATION

Ongoing academic courses include MBBS, MD, BSc Nursing, BSc MLT and PhD Course. MBBS teaching include different methods like theory class, practical, tutorials, seminars, demonstration and gross morbid pathology specimen. This year Students from NIT Raipur were also trained under Internship program.

Regular inter-departmental Clinicopathological correlation meetings (CPCs) with departments like Neurosurgery, Urology, Nephrology, Pediatric Surgery, Dermatology, ENT and Pulmonary Medicine are being done. Currently four PhD students are undergoing training in research in our department.

CMEs/WORKSHOP/SYMPOSIA/NATIONAL & INTERNATIONAL CONFERENCES

S. No.	Title	CME/Conference	Date	Organized by
1.	Cervical cancer HPV, Cytology, Histopathology and Immunohistochemistry	Workshop	13.04.2024	Department of Pathology as part of 16th Annual Conference of Indian Society of Colposcopy and Cervical Pathology (ISCCPCON) at AIIMS, Raipur
2.	Transplant Renal Pathology	Guest lecture by Professor Manoj Jain, HOD, Department of Pathology, SGPGIMS, Lucknow, U.P.	24.07.2024	Dept of Pathology & Lab Medicine, AIIMS, Raipur
3.	Study of Squash Cytology / Frozen Section in a cohort of CNS Lesions at a Tertiary Care Centre in Central India	Weekly (Friday) academic meeting (CGR of Institute)	27.09.2024	Dept of Pathology & Lab Medicine, AIIMS, Raipur
4.	4th Annual Pathology QUIZ for MBBS students on the occasion of 'World Pathology Day', a Chhattisgarh State Level QUIZ	Pathology QUIZ	22.11.2024	Dept of Pathology & Lab Medicine, AIIMS, Raipur

LECTURES DELIVERED AT CMEs, NATIONAL & INTERNATIONAL CONFERENCES

Dr. Rahul N. Satarkar

S. No.	Title	CME/Conference	Date	Organized by
1.	Normal PAP smear and Evolution of Bethesda system of reporting PAP smear	Conference	13.04.2024	Indian society of Colposcopy and cervical pathology and AIIMS Raipur
2.	Slide seminar	Conference	24.08.2024 – 25.08.2024	Homi Bhabha cancer hospital and research centre, New Chandigarh

S. No.	Title	CME/Conference	Date	Organized by
3.	Immunohistochemistry in ovarian malignancy	CME	05.10.2024	Department of Obstetrics and Gynaecology AIIMS Raipur, Chhattisgarh
4.	Catch me if you can! Immersive Journey into IHC Panel across the tumor kingdom.	20th Annual Conference of Indian Association of Pathologists and Microbiologists,Chhattisgarh Chapter	10.01.2025 – 12.01.2025	Dept of Pathology. Late Lakhiram Agrawal Memorial Govt. Medical College, Raigarh, CG
5.	Collaboration in breast cancer research	AIIMS Oncology Conclave, 2025	16.02.2025 – 17.02.2025	NCI, Jhajjar.
6.	Spectrum of haematological disorders observed in bone marrow aspiration/biopsy.	CME	26.03.2025	Malla Reddy Institute of medical sciences, Raipur.
7.	Low grade lymphomas	CME	18.03.2025	Dept. of medical Oncology, AIIMS Raipur.

Dr. Rakesh Kumar Gupta

S. No.	Title	CME/Conference	Date	Organized by
1.	Performance analysis of AIIMSRaipur in NIRF ranking program	IAE's 6th National Level Workshop on NIRF India Rankings 2025	20.12.2024	IAE Hyderabad
2.	Breast cancer demographic data presentation	AIIMS Oncology Conclave	15.02.2025 - 16.02.2025	NCI, AIIMS-Jhajjar
3.	Morphological features of common lymphomas	“Lymphoma Insights: Shaping the Future of Treatment”	18.03.2025	Dept. of Medical Oncology
4.	MGMT methylationtesting in glial tumors: intricacies and limitations in Analysis	Mutation analysis workshop, AMUCON2024	21.11.2024	SMS Jaipur
5.	Pathology of Pott's spine	World spine day CME	15.10.2024	Dept of Orthopaedics AIIMS Raipur

S. No.	Title	CME/Conference	Date	Organized by
6.	Overview of FISH Probes and Target Regions	NPSICON Pre-conference workshop	20.02.2025	Neuropathology AIIMS New Delhi
7.	Fish- Basic Principle and Role in Diagnostic Pathology	MPPATHCON 2025	23.02.2025	GMC Datia
8.	Intraoperative Squash cytology in CNS Lesions	Academic meet	27.09.2024	AIIMS Raipur

Dr. Ashish Kumar Gupta

S. No.	Title	CME/Conference	Date	Organized by
1.	Non-Small Cell Carcinoma of Lungs	National CME on Neoplastic Pathology of Lungs & Mediastinum – Basics to Genomics	05.08.2024	Dept. of Pathology, AIIMS Raipur
2.	Molecular Basis of Oral Carcinogenesis	CME on Oral Cancer Awareness	20.04.2024	Dept. of ENT& HNS, AIIMS Raipur
3.	Improving Dialogue between Pathologists & Surgeons in thyroid pathologies	CME on thyroid cancers	21.02.2025	Dept. of ENT& HNS, AIIMS Raipur

Dr. P. Aruna

S. No.	Title	CME/Conference	Date	Organized by
1.	Bethesda Guidelines-Cervical Cytology	Online Master Class	24.01.2025	BD Surepath
2.	Moderator for the session - Technique of LBC	CME& Workshop on Cervical Cancer 16th Annual Conference ISCCPCON -24	13 - 14.04.2024	Department of Pathology as part of 16th Annual Conference of Indian Society of Colposcopy and Cervical Pathology (ISCCPCON) at AIIMS, Raipur

ORAL PAPERS/POSTERS PRESENTED

S. No.	Authors	Title	Conference	Date	Organised by
1.	**Dr.Rakesh K. Gupta**	Oral Lymphoma Case Presentation	Pre Conference HEMATOCON 2024	07.11.2024	AIIMS, Nagpur
2.	**Dr Manodeep Barai,** Dr. Rahul Satarkar, Dr. Ashish Kumar Gupta, Dr Amit Kumar Chowhan	Myelomatous Pleural Effusion- A rare presentation in a case of Multiple Myeloma	Hemaquest 2024	12-14.04.2024	Eastern Hematology Group & Chhattisgarh Hematology Association
3.	**Vats Mehta,**Dr Rahul Satarkar	Acute Leukemia with Cup like Nuclei	Hemaquest 2024	14.04.2024	Eastern Hematology Group & Chhattisgarh Hematology Association
4.	Jasreman Dhillon, H. Lee Moffitt Cancer Center & Research Institute (Primary Presenter) **Co-Guide:Dr Rahul Satarkar**	Current Reporting Trends, Practices, and Resource Utilization in Penile Cancer: A Survey among Genitourinary Pathologists	USCAP 2025	22 – 27.03.2025	United States and Canadian Academy of Pathology's 114th Annual Meeting, March 22-27, 2025, in Boston, Massachusetts.
5.	**Dr Shweta Mohapatra,** Dr Rahul Satarkar	Paper "Prevalence and Clinicopathological profile of endometrial carcinoma in a tertiary care centre in Chhattisgarh"	CGCON 2025,20th annual conference of Indian Association of Pathologist and microbiologists,	10 – 12.01.2025	Department of pathology, LSLAM, GMC, Raigarh
6.	**Dr Shaurya,**Dr. Rakesh K. Gupta	Autoimmune myelofibrosis – a clinicopathological entity oral paper	1st annual conference of CHA	13.04.2024	CHA
7.	**Dr Subhshree,**Dr. Rakesh K. Gupta	Primaryextranodal NHL of base of tongue poster by	1st annual conference of CHA	13.04.2024	CHA
8.	**Dr. Smruthi,** Dr. Rakesh K. Gupta	Primary Synovial Sarcoma Of Thyroid; Diagnostic Pitfalls and Importance of Immunohistochemistry	APCON2024	12.12.2024	Cuttack

S. No.	Authors	Title	Conference	Date	Organised by
9.	Dr. Nikhil Sanjeev,Co-**Guide:Dr. Rakesh K. Gupta**	Poster presentation parathyroid camouflage- an illusion or unsettled mystery	ESICON2024	08.11.2024	Vizag
10.	Dr. Dhruv (MBBS student), **Guide:Dr. Rakesh K. Gupta**	Poster by Tuberculous rheumatism-chameleon of rheumatology at	academic fest GENESIS	21.09.2024	AIIMS Bhopal
11.	**Shradha Bhoskar**, Ashish Gupta, Rakesh Gupta, RK Ramchandani	Cd10 expressions in Invasive Breast Carcinoma	CAPCON 2024	10.04.2024	18th Annual Conference of IAPM-CG Chapter

RESEARCH
Funded Project
Ongoing

S. No.	Project	Principal Investigator	Funding Agency	Duration (years)	Start year-End year	Total funds sanctioned (Rs.)
1.	DIAMOnDS Project	Dr. Amit Kumar Chowhan	DHR-ICMR	5 years	2024-2029	Rs. 1,05,01,600
2.	To study the Co-expression of p16 & Ki 67 dual Immunostainon cytology smears & its value in detection of cervical cancer precursors in women from Chhattisgarh.	Dr Nighat Hussain	AIIMS, Raipur	1 Year	2019	Rs. 5,00,000
3.	Artificial intelligence-based tool for detection of breast and oral cancer	Dr. Rahul Satarkar	ICMR-NIP	1 year	2024-25	4,12,000
4.	Assessment of CDKN2A gene mutation and its association with EZH2, DNMTs, H3K27me3 expression and Ki-67 labelling index in glial tumors: A cross-sectional study.	Dr. Rakesh Kumar Gupta	AIIMS Raipur	2 years	2024-2026	5,00,000

S. No.	Project	Principal Investigator	Funding Agency	Duration (years)	Start year-End year	Total funds sanctioned (Rs.)
5.	Financial Impact Analysis of Medical Interventions in Remote Locations Using Hand-held, User-friendly, Non-invasive, and Cost-effective Point of Care (POC) Medical Devices: A Case Study in Dantewada, Chhattisgarh.	Dr. Rakesh Kumar Gupta	IBITF Bhilai	3 years	2025-2028	1,31,41,200

Departmental Projects – Non-Funded Projects/ ICMR-STS Projects/ Thesis/Dissertations

Ongoing

S. No.	Project
1.	Study of PD-L1(programmed death ligand 1) in Oral Squamous Cell carcinoma PG Thesis of Dr. G. Srimathi
2.	Study of Stem Cell Marker Nestin and its correlation with Vascular Endothelial Growth Factor and Microvascular Density in Glial Tumours at a Tertiary Care Center in India- PG Thesis of Dr. Rhythm Dewan
3.	An IHC study of Androgen receptor and Substance P in carcinoma Breast at a Tertiary care centre in India. PG Thesis of Dr. Vans Bajaj
4.	Study of expression of p16 in penile carcinoma.PG Thesis of Dr. Sakshi Jain
5.	Study of immunohistochemical expression of α-smooth muscle actin in squamous cell carcinoma oral cavity.PG Thesis of Dr. Kalidas Mohapatra
6.	Study of immunohistochemical expression of claudin 18.2, and its association with HER2, p53, E-Cadherin and clinicopathological parameters in gastric adenocarcinoma at a tertiary care center in central India.PG Thesis of Dr. T. P. Harikrishnan
7.	Immunohistochemical expression of BAP1 in renal cell carcinoma diagnosed at tertiary care centre in Chhattisgarh. PG Thesis of Dr. Dr. Sweety G. Merlin
8.	Molecular classification of urothelial carcinoma of urinary bladder using surrogate IHC marker. PG Thesis of Dr. Dr. Yuvraj Singh Chauhan
9.	Immunohistochemical expression ofMoesin and ezrin in endometrial carcinoma and non-neoplastic lesions of endometrium at tertiary care centre in Chhattisgarh. PG Thesis of Dr. Shweta Mohapatra
10.	Molecular profiling of Endometrial Cancer with emphasis on POLE mutation.Thesis of PhD Student Nisha Mishra
11.	Evaluating The Diagnostic Utility of Claudin-1 & Somatostatin Receptor 2a In Meningioma.PG Thesis of Dr. Asti Upmanu
12.	Correlation of expression of EZH2 and p16 in glial tumors; A cross-sectional observational study.PG Thesis of Dr. Smruti Rekha Jena

S. No.	Project
13.	Study of immunohistochemical expression of IgG4 and C4d in immunobullous skin disorders.PG Thesis of Dr. Shaurya Vijayran
14.	Investigating the status of K-RAS gene and its association with p-ERK, c- MYC, and Hippo-YAP/TAZ expression for potential evaluation of drug sensitivity in colorectal cancer management.Thesis of Poonam Kumar Sonkar
15.	Correlation between MTAP loss and mismatch repair pathway markers MLH1 and MSH2 in diffuse gliomas: An immunohistochemistry-based analysis.PG Thesis of Dr. Samiksha Sushan Mendhe
16.	Expression of PD-L1 and FOXP3 in histopathological specimens of invasive breast carcinoma.PG Thesis of Dr.Thaarini P
17.	Immunohistochemical expression Of Cyclin D1 in Multiple Myeloma and Its Correlation with β2-microglobulin level- An Observational Study in a Tertiary Care Centre.PG Thesis of Dr. Devanshi
18.	Platelet indices and NLR in hypertensive disorder of pregnancy - a case control study PG Thesis of Dr. Manodeep Barai
19.	Expression of Programmed Cell Death Ligand 1 (PD-L1) and presence of CD8-positive T cells in pre-treatment specimens of cervical carcinoma. PG Thesis of Dr. Parthiban
20.	Study of immunohistochemical expression of Galectin 3 and mucin 1 in tumor and tumor associated stromal cells of invasive breast carcinoma and its association with clinicopathological parameters at a tertiary care center. Dr. Mounika
21.	Guide for 2022 batch MBBS Students -MEU PROJECT -KAP analysis of digital interactive tools in medical education

Completed

S. No.	Project
1.	Study Of Squash Cytology/Frozen Section in a Cohort of CNS Lesions at a Tertiary Care Centre in Central India- PG Thesis of Dr. Cathrine Zakheri.
2.	Study of immunohistochemical expression of programmed death ligand 1 (PDL -1) in the thyroid tumors and it's correlation with clinicopathological parameters at a tertiary care center in in central India. PG Thesis of Dr. Mehta Vats.
3.	Evaluation Of Immunohistochemical Expression of Sox-2 And Ki-67 In Squamous Cell Carcinoma Cervix and Its Correlation with Histological and Clinicopathological Parameters.PG Thesis of Dr. Astha Seth
4.	Evaluation of CD10 expression in biopsy specimen of invasive breast carcinoma and its association with clinico-pathological factors.PG Thesis of Dr Shraddha Bhoskar

Collaborative Projects

Ongoing

S. No.	Project	Collaborating Department/Institution
1.	An adaptive randomized active controlled open label sequential cohort multicenter study to evaluate the efficacy, safety, tolerability and pharmacokinetics of intravenous cipargamin (KAE609) in adult and pediatric participants with severe Plasmodium falciparum malaria: Dr.Rahul Satarkar & Dr. Rakesh Kumar Gupta	Dept. of Pediatrics, AIIMS Raipur
2.	Role Of 18f FDG PET/CT Radiomic Features and Texture Analysis Parameters In predicting Pathological Type and Hormonal Receptor Status of The Tumour In Newly Diagnosed Early Breast Cancer Patients.	Dept. of Nuclear Medicine, AIIMS Raipur
3.	Neutropenia-evaluation and effect of filgrastim on neutropenia recovery in pediatric cancer patients receiving chemotherapy in a tertiary care teaching hospital of central India.	Dept. of Pediatrics, AIIMS Raipur
4.	A pilot study to evaluate the changes in venous blood gas parameters and hypoxia biomarkers in health care workers using different kinds of masks.	Dept. of Biochemistry, AIIMS Raipur
5.	"Clinical profile and study of the expression of Cytokeratin 17 and Ki-67 in patients with Chronic otitis media squamosal type".	Department of ENT-AIIMS Raipur

Completed

S. No.	Project	Collaborating Department/Institution
1.	An adaptive, randomized, active-controlled, open-label, sequential cohort, multicenter study to evaluate the efficacy, safety, tolerability and pharmacokinetics of intravenous cipargamin (KAE609) in adult and pediatric participants with severe Plasmodium falciparum malaria.	Dept of pediatrics, AIIMS, Raipur.
2.	Prevalence and morphology of myocardial bridging on coronary arteries – a prospective forensic autopsy study from tertiary care centre of central India.	Dept. Of forensic medicine, AIIMS, Raipurur
3.	Does 5-Flurouracil increase the mouth opening in patients with oral submucous fibrosis? A prospective cohort pilot study.	Dept. Of Dentistry, AIIMS, Raipur.
4.	Estimating the Burden of Mycetoma: A Retrospective Analysis of Hospital Records	Dept. of Microbiology, AIIMS Raipur
5.	Randomized, Double-Blinded, Placebo-Controlled Studyto Evaluate the Safety, Tolerability, and Efficacy ofIntravenous Varespladib Followed by Oral Varespladibin Addition to Standard of Care in Subjects Bitten byVenomous Snakes.	Dept. of Pediatrics, AIIMS Raipur
6.	Fixed dose combination of decitabine and tetrahydrouridine for treatment of sickle cell disease and β-thalassemia.	Dept. of General Medicine, AIIMS Raipur

S. No.	Project	Collaborating Department/Institution
7.	Assessment of the association of coagulation screening tests and coagulation factors (Factor VIII and fibrinogen) with the mode of collection (in house or at blood donation camps) of fresh frozen plasma and the blood group of the donor- A Prospective Observational study.	Dept. of Transfusion Medicine, AIIMS Raipur
8.	Role Of Shear Wave Elastography In Characterization of Breast Malignancy: A Cross-Sectional Study.	Dept. of Radiodiagnosis, AIIMS Raipur
9.	Comparison of diagnostic yield, complication rates and patient acceptability of radial EBUS with other transthoracic diagnostic modalities in patients with lung lesions.	Dept. of Pulmonary Medicine, AIIMS Raipur
10.	Platelet indices and RDW as a predictor of complications in diabetes mellitus.	Dept. of General Medicine, AIIMS Raipur
11.	A cross-sectional study to assess the role of Dermoscopy and histopathology in differentiating palmoplantar psoriasis and hyperkeratotic palmoplantar eczema.	Dept. of Dermatology, AIIMS Raipur
12.	Identification of the biomarker signature and its clinical application in colorectal cancer.	Dept. of Biotechnology, GGU Bilaspur
13.	Clinic etiological profile of anemia in heart failure patients.	Dept. of General Medicine, AIIMS Raipur
14.	“Study of immunohistochemical (IHC) expression of Galectin -3 (Gal-3) and Mucin1 (MUC-1) in tumor and tumour-associated stromal cells of invasive carcinoma of breast, and its association with clinicopathological parameters at a tertiary care center in India”.	Dept. of Pathology, AIIMS Raipur
15.	Clinico-epidemiological profile and treatment outcome of skin cancer patients: A prospective observational study from a tertiary care Centre in Chhattisgarh.	Dept. of Dermatology, AIIMS Raipur
16.	An analysis of Leukapheresis as a prophylactic modality of therapy for 'Tumor Lysis Syndrome' compared to conventional management: A pilot open labeled Randomized control trial.	Dept of Transfusion Medicine, AIIMS Raipur
17.	A non-inferiority randomized trial to assess the efficacy of 10mg /kg/day versus 20mg/kg/day hydroxyurea in the treatment of sickle cell disease patients of tribal and non-tribal areas in India.	INDIAN COUNCIL OF MEDICAL RESEARCH, New Delhi
18.	Comparison of effect of TIVA versus inhalational anesthesia on immune cells in patient undergoing radical cystectomy: a prospective, randomized controlled study.	Dept of Anesthesia, AIIMS Raipur
19.	Correlation between clinical features and post-mortem biopsy findings in patients dying of natural causes in the emergency room.	Dept of Trauma & Emergency, AIIMS Raipur
20.	Placental histopathology in early FGR and late FGR babies compared to AGA babies: A prospective observational cohort study.	Dept of OBG, AIIMS Raipur

PUBLICATIONS

1. Vemula Venkata VL, Hulikal N, **Chowhan AK**. Effectiveness of sentinel lymph node biopsy and bilateral pelvic nodal dissection using methylene blue dye in early-stage operable cervical cancer-A prospective study. Cancer Treat Res Commun. 2024;39:100816. doi: 10.1016/j.ctarc.2024.100816. Epub 2024 Apr 27. PMID: 38714022.

2. Agrawal M, Chakravarty S, **Satarkar R**, **Chowhan AK**. Ectopic Cervical Thymus in Adult: An Incidental Finding. Indian J Otolaryngol Head Neck Surg. 2024 Oct;76(5):4958-4961. doi: 10.1007/s12070-024-04803-8. Epub 2024 Jun 20. PMID: 39376347; PMCID: PMC11455783.

3. Agrawal M, **Chowhan AK**. Correspondence: Triple Negative Breast Cancer - A Brief Insight Into Pathophysiology. Cancer Control. 2024 Jan-Dec;31:10732748241263642. doi: 10.1177/10732748241263642. PMID: 38898374; PMCID: PMC11189002.

4. Singh A, Nagarkar NM, **Chowhan AK**, Mehta R, Arora RD, Rao KN, Dange PS. Prognostic Effectiveness of PD-L1 Tumoral Expression in Oral Cavity Squamous Cell Carcinoma. Indian J Surg Oncol. 2024 Dec;15(4):816-824. doi: 10.1007/s13193-024-01984-0. Epub 2024 Jun 26. PMID: 39555374; PMCID: PMC11564476.

5. Dr. K. Ankita Simon, **Chowhan AK**., Dr. Dharmendra Dugar, Dr. Yashita Gupta. "Suprapubic Ectopic Breast Tissue with Features of Lactating Adenoma". IJMSIR 2024;9:61-6.

6. **Gupta RK**, Nagarkar NM, **Chowhan AK**, Mehta R, Singh A, Simon A. Assessment of clinical and histopathological characteristics in COVID-19-associated mucormycosis (CAM) patients correlating with outcome: A hospital-based cross-sectional study. J Family Med Prim Care. 2024 Aug;13(8):3115-3121. doi: 10.4103/jfmpc.jfmpc_18_24. Epub 2024 Jul 26. PMID: 39228546; PMCID: PMC11368312.

7. Devi, K Harika; Nayak, Swatishree; Sahu, Vijaya; **Chowhan, Amit K**[1]. Congenital anterior staphyloma coexisting with pedunculated dermoid: A rare presentation. Indian Journal of Ophthalmology - Case Reports 4(4):p 842-844, Oct–Dec 2024. | DOI: 10.4103/IJO.IJO_543_24.

8. Tripathi M, Syal S, **Satarkar R,** Gandhoke CS.Bilateral Orbital Lesions Presenting as the First Manifestation ofMultiple Myeloma. Neurol India 2024;72:690-1.

9. **Satarkar R,** Palmal R, Verma KK. An Unexpected Journey of Pediatric Hodgkin's Lymphoma Diagnosed via Pericardial Cytology: An Educational Case Report. Diagn Cytopathol. 2025 Feb 26. doi: 10.1002/dc.25459. Epub ahead of print. PMID: 40012119.

10. Sinha V, Roy S, Shinde S, Mondal D, Dixit V, Dwivedi D, Pandey SK, **Gupta RK,** Vishwakarma NK, Shukla D. Navigating Cardiovascular Challenges of Obesity: Exploring Preventive Approaches. Endocr Metab Immune Disord Drug Targets. 2025 Mar 19. doi: 10.2174/0118715303317750250210055338.

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18. **Gupta RK**, Nagarkar NM, **Chowhan AK**, Mehta R, Singh A, Simon A. Assessment of clinical and histopathological characteristics in COVID-19-associated mucormycosis (CAM) patients correlating with outcome: A hospital-based cross-sectional study. Journal of Family Medicine and Primary Care. 2024 Aug 1;13(8):3115-21.

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22. Chakraborty NS, Saurav GK, Kashyap N, Suresh PM, Borkar N, **Gupta RK**. Surgically challenging inflammatory myofibroblastic tumor: A rare neoplasm of lung. Asian Cardiovascular and Thoracic Annals. 2024 Sep; 32(6-7):421-4.

23. Deepak Koshy, Joydeep Samanta, Jhasketan Mehar, **AK Gupta**, Saroj Bala, Vinay R Pandit. Digital Gangrene and Cutaneous Infarct in an Elderly Lady: A Diagnostic Conundrum. Journal of Indian Rheumatology Association, October 2024

24. Mishra JK, Sahu S, Nanda S, **Gupta AK**, Saha A. A Rare Case of Malignant Peripheral Nerve Sheath Tumour of the Brachial Plexus with a Diagnostic Dilemma: Journal of West African College of Surgeons, September 2024

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26. Mehta, A., Nanda, S., Meher P, **Gupta Y**. Cutaneous Vulval Metastasis in Cervical Cancer: A Clinical Masquerade. ***Indian J Gynecol Oncolog* 23**, 33 (2025).

27. **Gupta Y**, Mehta V. Granulomatous mycosis fungoides: A difficult diagnosis! Tropical Doctor. 2024;54(4):359-361.

Chapter(s) in Books

Sl No.	Author (s)	Chapter Title	Editor	Book	Edit-ion	City of Publica-tion	Publi-sher	Year of Publica-tion	First-Last Page
1.	Abhilasa Tiwari, **Amit Kumar Chowhan**	Antimicrobial Peptides and Their Role Against Head and Neck Cancer	Piyush Baindara & Santi Mohan Mandal	Evolution of Antimicrobial Peptides from Self-Defense to Therapeutic Applications	1st	London, UK	Springer	November 2024	329-48
2.	Shah S, Verma NR, **Gupta RK**	Critical Alerts in Pediatric Emergency Medicine	Patnaik S	Pediatric Emergencies: A Comprehensive Manual.	1st	New Delhi	Evangel Publishing	2024	1001-04
3.	Ilangovan VS, Kumar R, Rajendran A, Dutta D, Mullapally SK, Sharma MC, Dev ID, Jalali R, **Gupta RK**	Current Standards for Evaluation and Management of Brain Metastases	Pandey P	Current Practice in Neurosciences	1st	Bengaluru	Neurological society of India	2024	1-21

PATIENT CARE

Histopathology	Immuno-pathology	Cytopathology	Haematology	Clinical Pathology
12457	3310	9828	446555	53602

AWARDS, HONOURS AND SIGNIFICANT EVENTS

Dr. Amit Kumar Chowhan:

1. External Subject Expert

External subject expert for faculty interview at Ram Manohar Lohia Hospital & Research Institute, Lucknow (U.P.) on 14.10.2024.

2. External Examiner

a. For MD Examination:

I External Examiner for MD examination at AIIMS, Patna on 29th& 30th August 2024

ii. External Examiner for MD examination at AIIMS, Jodhpur on 13th& 14th December 2024

iii. External Examiner for MD examination at Mahatma Gandhi Institute of Medical Sciences, Sewagram, Wardha on 13th& 14th January 2025

iv. External Examiner for MD examination at VIMSAR, Burla, Odisha on 28th& 29th January 2025

b. For MBBS Examination:

i. External Examiner for 2nd Professional MBBS examination at AIIMS, Guwahati on 4th& 5th April 2024

ii. External Examiner for 2nd Professional MBBS examination at AIIMS, Patna on 22nd to 26th April 2024

iii. External Examiner for 2nd Professional MBBS examination at AIIMS, Patna on 20th to 24th January 2025

3. Thesis evaluation:

Thesis evaluation for AIIMS, Bhopal, in June 2024.

4. Upon Invitation, reviewed articles for various PubMed Indexed & reputed National & International Journals **(Web of Science Verified)**: Total 13 articles reviewed

5. Chairperson

a. Chairperson for session 'Margin & Microenvironment in Head & Neck Cancer: A Surgeon's perspective' in IAP-ID Mid-year Teaching Program on 'Head & Neck Cancers: Morphology, Virology, Molecular Characteristics, Artificial Intelligence and Beyond' at AIIMS, Raebareli on 6th& 7th April 2024.

b. Chairperson for session 'Carcinoma of Unknown Primary' in 2nd Annual BALCO Medical Centre Chhattisgarh Cancer Conclave, at Naya Raipur on 20th September 2024.

c. Chairperson for a session on 'Thyroid Pathology and Radiology' at CME on 'Multidisciplinary Management of Thyroid Disorders' organized by Department of ENT, AIIMS, Raipur on 21.02.2025.

d. Chairperson for a session on “Gastric Biopsy - Looking through the Lens” by Professor Rajni Yadav, AIIMS, New Delhi, in a state level CME on 'Histocytopathology - Decoding cells defining care'. organized by Department of pathology, Pt. JNM Medical college, Raipur, CG in association with IAPM CG chapter on 22.02.2025.

e. Chairperson for a session on 'Interstitial Lung Disease Symposium' organized by Department of Pulmonary Medicine, AIIMS, Raipur in 6th National Symposium on Pulmonary Medicine, Pulmonary Medicine Update 2025 on 9th March 2025.

f. Chairperson for a session on Topic 'WHO Classification of Lymphomas' in State Level Conference on Diagnosis and Management of Lymphoma: Lymphoma Insights, Shaping the future of treatment' organized by Department of Medical Oncology and Department of Clinical Hematology, AIIMS, Raipur on 18th March 2025.

6. Nominated Member Secretary for 'Institute SR Research Award Selection Committee' in September 2024.

Dr. Rahul Satarkar:

1. Chairperson to chair a session on 'WHO Classification of thyroid tumours -2022' in 14th annual conference of association of practicing pathologist, Haryana and II ANNUAL CONFERENCE OF REGIONAL SOCIETY OF PATHOLOGISTS -IAPM, Haryana chapter held on 23.11.2024 at SHKM GMC, Nalhar, Nuh.

2. Chairperson to chair a session on “Urinary bladder tumour understanding better from WHO 5 EDITION”and “Pancytopenia pathway: Navigating the diagnostic maize” in Chhattisgarh state Chapter 20th annual conference of Indian Association of Pathologist and microbiologists, organized by

department of pathology, LSLAM, GMC, Raigarh held on 10.01.2025 to 12.01.2025.

3. **Chairperson** to chair a session on "Cytodiagnosis of salivary gland lesions- mistakes and lessons learnt" in a state level CME on histocytopathology- Decoding cells defining care. On 22.02.2025 organized by Dept of pathology, Pt. JNM Medical college, Raipur, CG in association with IAPM CG chapter.

4. **Panelist** in panel discussion on World mental health day 2024, held on 10 Oct 2024 organized by dept. of Psychiatry, AIIMS, Raipur.

5. **External Examiner** for practical examination of 2nd MBBS professional examination at Dept of Pathology AIIMS Nagpur from 18.06.2024 to 21.06.2024.

6. **Paper Setter** in the board of examination 2nd MBBS professional examination in the subject of pathology held in month of June 2024 at Dept of Pathology AIIMS Nagpur.

7. **Paper Setter** in the board of examination 2nd MBBS professional examination in the subject of pathology held in month of Jan 2025 at Dept of Pathology Symbiosis medical college for women, Pune.

8. **External Expert** for evaluation of MD thesis for the award of MD degree by Guru Gobind Singh Indraprastha University, New Delhi.

9. **Reviewed an article** titled Concurrent Urothelial Carcinoma of the Bladder and Renal Cell Carcinoma of the Kidney: A Diagnostic and Therapeutic Challenge for
Indian Journal of Surgical Oncology, ref no Ms. No. IJSO-D-24-00286.

Dr. Rakesh Kumar Gupta:

1. **Panelist** in 'Challenges in management of pediatric ALL' in 'Cancer Conclave' on 22nd Sep. 2024, BALKO medical centre.

2. **Panelist** for Panel discussion on topic 'An Insight into Primary Immune Deficiency Disorders' in IInd State Chapter ACCLMP on 27th April 2024 organized by Dept. of Biochemistry, AIIMS Raipur

3. **AMU Excellence Award** at AMUCON 2024, 23rd Nov. 2024 organized by SMS medical college Jaipur.

4. Training in molecular pathology at TMH-ACTREC from 6th- 20th Sep. 2024 under Dr. Nikhil Patkar

5. **Judge** for the Student Oral/Poster presentation 1st Annual Chhattisgarh State Chapter of ACBI on 30th January 2025.

6. **Judge** for essay competition Building ADR Reporting Culture for Patient Safety 4th National Pharmacovigilance Week from 17th September to 23rd September 2024

7. **Judge** in the singing competition ORIANA2024, 16th Nov. 2024.

8. 3rd prize as co-author for poster 'Resectable carcinoma gall bladder – an initial experience with multimodal management' by Dr Ashok Goyal at IASG mid-term meet AIIMS Bhubaneshwar 24th-25th Feb 2024

9. **Internal auditor** for NABL accreditation of Biochemistry dept AIIMS Raipur on 11th July 2024.

10. **Paper setter** BDS RUHS University Jaipur Nov 2024.

11. **Paper setter** MBBS 2nd prof. AYUSH university Raipur Dec 2024.

12. **External examiner** 2nd Prof. MBBS examination at Late Shri Lakhi Ram Agrawal Memorial Government Medical College, Raigarh from 29th – 30th Dec. 2024.

Dr. Ashish Kumar Gupta

1. **Chairperson** in 'Hema Quest 2024' on 13th Apr 2024 organized by 'Eastern & Chhattisgarh Hematology Association (EHG and CHA)'.

2. **Poster Judge** for UP-Cytocon-2024 on 14th Sep. 2024organized by Dept of Pathology, IMS, BHU.

3. **Panelist** in 'Lymphoma Insights: Shaping the future of treatment' on 18th March 2025 organized by Dept of Medical Oncology & Clinical Hematology, AIIMS Raipur.

4. **External examiner** for Undergraduate course of MBBS at GMC, Kanker and GMC, Ambikapur, C.G.

5. **External examiner** for Undergraduate course of BDS at Pt. JNMMC, Raipur.

Dr. Yashita Gupta

Selected under 'DHR ICMR Young Faculty' PhD program6th August 2024.

Dr. P. Aruna:

1. Reviewer-Scholar status-Cureus Journal of Medical sciences 15th March 2025.
2. Certificate of excellence in Reviewing-Microbiology research journal international 12th Feb2025.

Post graduate student

1. **Dr Shweta Mohapatra** received **Gold medal for oral paper** "Prevalence and Clinicopathological profile of endometrial carcinoma in a tertiary care centre in Chhattisgarh" in CGCON 2025, 20th annual conference of Indian Association of Pathologist and microbiologists, organized by department of pathology, LSLAM, GMC, Raigarh held on 10.01.2025 to 12.01.2025.
2. Post graduate student **Dr Asti Upmanu received 1st price for Present Poster** "The Bcor-rerranged Sarcoma Involving The Lung: Diagnosis with Clinical Outcome" in CGCON 2025, 20th annual conference of Indian Association of Pathologist and microbiologists, organized by department of pathology, LSLAM, GMC, Raigarh held on 10.01.2025 to 12.01.2025.
3. Post graduate student **Dr. Subhashree, received third prize price for Present Poster**, primary extra nodalnon-Hodgkins lymphoma of base of tongue, first prize, eastern haematology group8th annual conference of EHG and 1st Annual Conference of CHA organized byHotel Courtyard Marriott, Raipur 12th – 14th April 2024.
4. Post graduate student **Dr. Shaurya, received third prize price for Present Paper**, Eastern Haematology group 8th annual conference of EHG and 1st Annual Conference of CHA organized by Hotel Courtyard Marriott, Raipur 12th – 14th April 2024.

Department of Pharmacology

Professor & Head
Dr. Nitin Rewaram Gaikwad
Professor
Dr. Yogendra Narayanrao Keche (Joined on 31.12.2024)
Associate Professors
Dr. Alok Singh
Dr. Pugazhenthan T.
Assistant Professors
Dr. Prafulla Pralhad Thaware
Dr. Sameer Uttamrao Khasbage (Joined on 10.01.2025)

HIGHLIGHTS

The Department of Pharmacology offers a variety of undergraduate courses, including MBBS, B.Sc. (Hons.) Nursing and paramedical courses. In addition, the department runs the PG Course (MD-Pharmacology) and the Super Specialty Course (DM Clinical Pharmacology), with an annual intake of four (04) and two (2) seats per year, respectively.

The Department of Pharmacology is an ADR Monitoring Center for the Pharmacovigilance Programme of India (PvPI), a flagship program of the Ministry of Health and Family Welfare, Government of India. The department actively participates in pharmacovigilance activities and has reported 103 ADR cases. The Department commemorated the 04thNational Pharmacovigilance Week from September 17 to 23, 2024. Under this activity, the department organized a E-poster and Essay Competitions, and an awareness campaign for healthcare professionals and the public. The various competitions were held for the staff and students and prizes were awarded to the winners. Patients and visitors to the hospital were informed about the Consumer Form for ADR Reporting and the ADR PvPI mobile app. The department has developed a QR code to facilitate the reporting of ADRs by the institute's healthcare professionals.

The Department of Pharmacology has also received recognition as a Medical Device Adverse Event Monitoring Center (MDMC) under the Materiovigilance Program of India (MvPI).

EDUCATION

During 2024–25, four (04) post-graduate students passed the final MD (Pharmacology) examination, and the result was 100%, of which one student passed the examination with distinction (>75% marks). The MBBS 2ndProfessional Examination in March 2025 and the B. Sc. (Hons.) Nursing 2nd Year Final Examination in August 2024 yielded passing percentages of 93% and 100%, respectively.Thirty-four (34) second-year MBBS students and 14 second-year B.Sc. (Hons.) nursing students secured distinction in Pharmacology in their respective final examinations held during 2024–25.The B.Sc. MLT (Batch 2023)course had a passing percentage of 100%.

CMEs/WORKSHOP/SYMPOSIA/NATIONAL & INTERNATIONAL CONFERENCES

S. No.	Title	CME/Conference	Date	Organized by
1.	CME on Patient Safety	CME	17.09.2024	Department of Pharmacology, AIIMS Raipur
2.	CME on Pharmacovigilance	CME	23.09.2024	Department of Pharmacology, AIIMS Raipur

LECTURES DELIVERED AT CMEs, NATIONAL & INTERNATIONAL CONFERENCES

Dr. Nitin Rewaram Gaikwad

S. No.	Title	CME/Conference	Date	Organized by
1.	Ethics Committee: Roles and Responsibilities	Workshop on Good Clinical Practice and Ethical issues in Research involving Human Subjects	11.08.2024	Shri Shankaracharya Institute of Medical Sciences, Bhilai (CG)
2.	Informed Consent Document	Workshop on Good Clinical Practice and Ethical issues in Research involving Human Subjects	11.08.2024	Shri Shankaracharya Institute of Medical Sciences, Bhilai (CG)
3.	Ethical issues in Clinical trial Research	Workshop on Good Clinical Practice and Ethical issues in Research involving Human Subjects	11.08.2024	Shri Shankaracharya Institute of Medical Sciences, Bhilai (CG)
4.	Ethics Committee: Roles and Responsibilities	Workshop on Good Clinical Practice and Ethical issues in Research involving Human Subjects	22.08.2024	CIMS Bilaspur
5.	Informed Consent Document	Workshop on Good Clinical Practice and Ethical issues in Research involving Human Subjects	22.08.2024	CIMS Bilaspur
6.	Ethical issues in Clinical trial Research	Workshop on Good Clinical Practice and Ethical issues in Research involving Human Subjects	22.08.2024	CIMS Bilaspur
7.	Effective Literature Search	Orientation workshop on Research Methodology	28.08.2024	College of Nursing, AIIMS Raipur

S. No.	Title	CME/Conference	Date	Organized by
8.	Pharmacovigilance Program of India	CME on Patient Safety (Pharmacovigilance Week Activities)	17.09.2024	Patient Safety Committee, AIIMS Raipur
9.	Pharmacovigilance Program of India	Sensitization workshop for Nursing Students (Pharmacovigilance Week Activities)	18.09.2024	AIIMS Raipur
10.	Pharmacovigilance Program of India	Sensitization workshop for Nursing staff and pharmacists (Pharmacovigilance Week Activities)	18.09.2024	Ramakrishna Care hospital Raipur
11.	Pharmacovigilance Program of India	Sensitization workshop for doctors, residents, and nursing staff (Pharmacovigilance Week Activities)	20.09.2024	District Hospital, Pandri, Raipur
12.	Pharmacovigilance Program of India	Sensitization workshop for nursing officers (Pharmacovigilance Week Activities)	21.09.2024	AIIMS Raipur
13.	Building ADR reporting culture for Patient Safety	Public Awareness Interactive Session at WRS Colony, Raipur	22.09.2024	AIIMS Raipur
14.	Ethics Committee: Roles and Responsibilities	Workshop on Good Clinical Practice and Ethical issues in Research involving Human Subjects	24.09.2024	Government Dental College, Raipur
15.	Informed Consent Document	Workshop on Good Clinical Practice and Ethical issues in Research involving Human Subjects	24.09.2024	Government Dental College, Raipur
16.	Ethical issues in Clinical trial Research	Workshop on Good Clinical Practice and Ethical issues in Research involving Human Subjects	24.09.2024	Government Dental College, Raipur
17.	Approach to Medical Learning	Orientation Program for MBBS 1st Year (2024 Batch)	04.10.2024	AIIMS Raipur
18.	Rational Use of Antibiotics in Pregnancy: A Clinical Approach	CMEon Antibiotics Strategy & Navigating Antimicrobial Resistance in Obstetrics	19.10.2024	Raipur Obstetrics and Gynecological Society
19.	Role of Pharmacovigilance in Antimicrobial Stewardship.	54thAnnual Conference of Indian Pharmacological Society: IPC–IPSCON 2024	29.11.2024	AIIMS, New Delhi

S. No.	Title	CME/Conference	Date	Organized by
20.	Pharmacological considerations in special population: Children.	54th Annual Conference of Indian Pharmacological Society: IPC–IPSCON 2024	29.11.2024	AIIMS, New Delhi
21.	Ethics Committee: Roles and Responsibilities	Workshop on Good Clinical Practice and Ethical issues in Research involving Human Subjects	14.11.2024	Pt. Dindayal Upadhyay Memorial Health Sciences & Ayush University of Chhattisgarh, Raipur
22.	Informed Consent Document	Workshop on Good Clinical Practice and Ethical issues in Research involving Human Subjects	14.11.2024	Pt. Dindayal Upadhyay Memorial Health Sciences & Ayush University of Chhattisgarh, Raipur
23.	Ethical issues in Clinical trial Research	Workshopon“Good Clinical Practice and Ethical issues in Research involving Human Subjects”	14.11.2024	Pt. Dindayal Upadhyay Memorial Health Sciences & Ayush University of Chhattisgarh, Raipur
24.	Prescription Writing	Internship Orientation Program	13.01.2024	AIIMS Raipur
25.	Ethics Committee: Roles and Responsibilities	Workshop on Good Clinical Practice and Ethical issues in Research involving Human Subjects	03.02.2025	Global Mansarovar University Dental College, Bhopal
26.	Informed Consent Document	Workshop on Good Clinical Practice and Ethical issues in Research involving Human Subjects	03.02.2025	Global Mansarovar University Dental College, Bhopal

Dr. Yogendra Narayanrao Keche

S. No.	Title	CME/Conference	Date	Organized by
1.	Case Record form	Workshop on Good Clinical Practice and Ethical issues in Research involving Human Subjects	11.08.2024	Shri Shankaracharya Institute of Medical Sciences, Bhilai (CG)
2.	Investigator's and sponsor's responsibilities	Workshop on Good Clinical Practice and Ethical issues in Research involving Human Subjects	11.08.2024	Shri Shankaracharya Institute of Medical Sciences, Bhilai (CG)
3.	Case Record form	Workshop on Good Clinical Practice and Ethical issues in Research involving Human Subjects	22.08.2024	CIMS Bilaspur
4.	Investigator's and sponsor's responsibilities	Workshop on Good Clinical Practice and Ethical issues in Research involving Human Subjects	22.08.2024	CIMS Bilaspur
5.	Good Clinical Practice	Workshop on Good Clinical Practice and Ethical issues in Research involving Human Subjects	22.08.2024	CIMS Bilaspur
6.	Case Record form	Workshop on Good Clinical Practice and Ethical issues in Research involving Human Subjects	24.09.2024	Government Dental College, Raipur
7.	Investigator's and sponsor's responsibilities	Workshop on Good Clinical Practice and Ethical issues in Research involving Human Subjects	24.09.2024	Government Dental College, Raipur
8.	Good Clinical Practice	Workshop on Good Clinical Practice and Ethical issues in Research involving Human Subjects	24.09.2024	Government Dental College, Raipur
9.	Platform designs in infectious diseases (with a special focus on COVID clinical trials)	3rd ACPCON 2024	26.09.2024 to 28.09.2024	Advanced Centre for Treatment, Research and Education in Cancer (ACTREC), Kharghar Navi Mumbai.

S. No.	Title	CME/Conference	Date	Organized by
10.	Case Record form	Workshop on Good Clinical Practice and Ethical issues in Research involving Human Subjects	14.11.2024	Pt. Dindayal Upadhyay Memorial Health Sciences & Ayush University of Chhattisgarh, Raipur
11.	Investigator's and sponsor's responsibilities	Workshop on Good Clinical Practice and Ethical issues in Research involving Human Subjects	14.11.2024	Pt. Dindayal Upadhyay Memorial Health Sciences & Ayush University of Chhattisgarh, Raipur
12.	Case Record form	Workshop on Good Clinical Practice and Ethical issues in Research involving Human Subjects	03.02.2025	Global Mansarovar University Dental College, Bhopal
13.	Investigator's and sponsor's responsibilities	Workshop on Good Clinical Practice and Ethical issues in Research involving Human Subjects	03.02.2025	Global Mansarovar University Dental College, Bhopal

Dr. Pugazhenthan T.

S. No.	Title	CME/Conference	Date	Organized by
1.	Study Designs	Workshop on Good Clinical Practice and Ethical issues in Research involving Human Subjects	11.08.2024	Shri Shankaracharya Institute of Medical Sciences, Bhilai (CG)
2.	Study Designs and Ethical issues in Research involving Biomaterial and Biobanking	Workshop on Good Clinical Practice and Ethical issues in Research involving Human Subjects	22.08.2024	CIMS Bilaspur
3.	Materiovigilance Programme of India, Pharmacovigilance Programme of India (PvPI) Week	Hybrid CME on patient safety	17.09.2024	AIIMS Raipur
4.	Materiovigilance Programme of India	CME, Awareness Program	18.09.2024	Ramakrishna Care Hospital, Raipur

S. No.	Title	CME/Conference	Date	Organized by
5.	Role of Pharmacists as Healthcare Professionals in reporting and monitoring of adverse drug reactions,	CME, Awareness Program	19.09.2024	College of Pharmacy, Kalinga University, Raipur
6.	Role of Adverse Drug Reaction Monitoring Centre.	CME, Awareness Program	19.09.2024	Awareness Program for Healthcare Professionals and patients at TB Centre, Kalibadi, Raipur, Adverse Drug Reactions
7.	Sensitization of Healthcare Professionals about various aspects of Adverse Drug Reactions and their Reporting.	CME, Awareness Program	20.09.2024	Awareness Program for Healthcare Professionals at District Hospital, Pandri, Raipur.
8.	Education and Awareness about Adverse Drug Reaction Monitoring and Reporting.	CME, Awareness Program	21.09.2024	Awareness Program for Nursing Officers of AIIMS Raipur,
9.	Role of Pharmacists as Healthcare Professionals in reporting and monitoring of adverse drug reactions.	CME, Awareness Program	21.09.2024	Royal College of Pharmacy, Raipur
10.	Building ADR reporting culture for Patient Safety”	CME, Awareness Program	22.09.2024	WRS Colony, Raipur, AIIMS Raipur
11.	Pharmacovigilance and Materiovigilance Programme of India,	CME	23.09.2024	AIIMS Raipur
12.	Study Designs and Ethical issues in Research involving Biomaterial and Biobanking	Workshop on Good Clinical Practice and Ethical issues in Research involving Human Subjects	24.09.2024	Government Dental College, Raipur
13.	Drug related problems in leprosy drug management	International training program	18.10.2024	International training program on leprosy for developing countries, China

S. No.	Title	CME/Conference	Date	Organized by
14.	Good Clinical Practices	Workshop on Good Clinical Practice and Ethical issues in Research involving Human Subjects	14.11.2024	Pt. Dindayal Upadhyay Memorial Health Sciences & Ayush University of Chhattisgarh, Raipur
15.	Study Design	Workshop on Good Clinical Practice and Ethical issues in Research involving Human Subjects	03.02.2025	Global Mansarovar University Dental College, Bhopal
16.	Evidence based medicine, Patient centric therapy	Conference	21.03.2025 & 22.03.2025	IPSWBCON 2025, Kolkata
17.	Ethics committee roles, GCP, Role of stakeholders	Workshop on Good Clinical Practice and Ethical issues in Research involving Human Subjects	27.03.2025	Good Clinical Practices (GCP) & Ethical guidelines at Government Medical College, Satna, Madhya Pradesh
18.	Repurposing of drugs in leprosy and reactions	Conference	11.01.2025 & 12.01.2025	Indian Association of Leprologists (IAL) In collaboration with Department of Dermatology, Smt. NHL Municipal Medical College, Ahmedabad Sardar Vallabhbhai Patel(SVP) Institute of Medical Science and Research and Smt.Shardaben(SCL) general hospital, Ahmadabad

Dr. Prafulla Thaware

S. No.	Title	CME/Conference	Date	Organized by
1.	FILLING OF Adverse Drug Reaction Reporting Form	Commemorating World Patient Safety Day - Hybrid CME on Patient Safety on 17th September 2024	17.09.2024	Patient Safety Committee and ADR Monitoring Centre, AIIMS Raipur

ORAL PAPERS/POSTERS PRESENTED

S. No.	Authors	Title	Conference	Date	Organised by
1.	**Yogendra Keche**, Vikas Katiyara	Preventability, predictability, severity, and causality analysis of Serious Adverse Events reported to Institute Ethics Committee: A retrospective study	SOPICON 2025	06-07.02.2025	AIIMS Bhopal
2.	**Pugazhenthan Thangaraju**	Use of Any Form of Amphotericin B alone or with Posaconazole in COVID-19 Associated Mucormycosis (CAM) at the time of Pandemic Disaster in a Tertiary Care Teaching Hospital	MPSCON2024, Chennai	29-30.08.2024	Medical pharmacologist society and Saveetha medical college, Chennai
3.	**Madhusudan Prasad Singh**, Meenalotchini Prakash Gurunthalingam, Nitin Rewaram Gaikwad	Oral Presentation- Effect of azithromycin mass administration on childhood mortality: a systematic review, meta-analysis and trial sequential analysis	54th Annual Conference of the Indian Pharmacological Society (IPSCON 2024)	29.11.2024	All India Institute of Medical Sciences, New Delhi
4.	**Madhusudan Prasad Singh**, Meenalotchini Prakash Gurunthalingam, Nitin Rewaram Gaikwad	Poster Presentation- Impact of biannual mass drug administration of azithromycin on child mortality: a systematic review and meta-analysis	Antimicrobial Chemotherapy Conference (ACC) 2025	05.02.2024	British Society of Antimicrobial Stewardship

S. No.	Authors	Title	Conference	Date	Organised by
5.	**NikunjAgrawal**, Nitin Gaikwad, Yogendra Keche	A Serial Point Prevalence Survey(PPS) of Antimicrobial Use Amongst Admitted Patients in Critical Care Settings of a Tertiary Care Hospital in Raipur District	ASPICON 2024	25.08.2024	PGI Chandigarh
6.	**Nikunj Agrawal**, Yazhini R, Madhusudhan Singh, Nitin Gaikwad, Yogendra Keche	Assessment of Reporting Quality of Drug Related Animal Studies from 1st October 2020 to 30th September 2024 and Published in Medline Indexed Journals: Adherence to ARRIVE-2020 Guidelines : A Systematic Review	NAPTICON 2024	23.11.2024	AIIMS Nagpur
7.	**Nikunj Agrawal**, Nitin Gaikwad, Yogendra Keche	A Serial Point Prevalence Survey(PPS) of Antimicrobial Use Amongst Admitted Patients in Critical Care Settings of a Tertiary Care Hospital in Raipur District	NBRCOM 2024	03.12.2024	AIIMS New Delhi
8.	**Riya**, Madhusudan P. Singh, Yogendra N. Keche,Nitin R. Gaikwad	Assessment Of Completeness of Reporting of Adverse Drug Reaction-related Indian Case Reports, published in Medline Indexed Journals Over Last 3 Years Using CARE 2013 Guidelines: A Systematic Review	NAPTICON 2024	22-23.11.2024	AIIMS, Nagpur

S. No.	Authors	Title	Conference	Date	Organised by
9.	**Renu Thakur,** Pugazhenthan Thangaraju, Nitin Gaikwad	Focused Pharmacovigilance on Rituximab and related Adverse reactions in a tertiary care teaching hospital in Central India: A Descriptive Analysis.	NAPTICON 2024	22-23.11.2024	AIIMS, Nagpur
10.	**Manisha Maheshwari**, Nitin Gaikwad,Chinmaya Kumar Panda, Pugazhenthan T,Y N Keche	Efficacy and safety of intravenous colistin plus nebulized colistin versus intravenous colistin alone in patients with clinically suspected ventilator-associated pneumonia: a single-centre prospective cohort study	IPC-IPSCON 2024	29.11.2024	AIIMS New Delhi

RESEARCH
Funded Project
Ongoing

S. No.	Project	Principal Investigator	Funding Agency	Duration (years)	Start year-End year	Total funds sanctioned (Rs.)
1.	Clinical Profile of Patients Receiving Highly Emetogenic Chemotherapy (HEC): A Prospective Observational Study.	Alok Singh	AIIMS RAIPUR	01 YEAR	2024	2.67 LAC.

Completed

S. No.	Project	Principal Investigator	Funding Agency	Duration (years)	Start year-End year	Total funds sanctioned (Rs.)
1.	Efficacy of sulfonylurea's in patients with polymorphism in KCN.II I-ABCC8 genetic locus: A prospective cohort study in Chhattisgarh type 2 Diabetic Mellitus patients.	Pugazhentha n T	AIIMS RAIPUR	2 extende d	2021-2023	5 lakhs
2.	A prospective, multi-centric, open-labeled, phase-IV study to assess safety and efficacy of LYFAQUINT' (Centhaquine citrate) as a resuscitative agent for hypovolemic shock to be used as an adjuvant to standard treatment of shock.	Pugazhentha n T	Pharmazz	Till sample size reach (3 yrs.)	2021-2023	17 lakhs
3.	Effect of CYP2C19 and P2Y12 genetic polymorphisms on platelet aggregation in patients on treatment with clopidogrel in Chhattisgarh Population	Pugazhentha n T	CCOST	2 extende d	2021-2023	5 lakhs

Departmental Projects – Non-Funded Projects/ ICMR-STS Projects/ Thesis/Dissertations

Ongoing

S. No.	Project
1	An Antimicrobial Safety Toolkit (AST) for implementation of Antimicrobial Safety Stewardship: A quality improvement project – ICMR STS Project (Guide: Dr Nitin Rewaram Gaikwad)
2	Prevalence of potentially inappropriate medicinal prescribing in geriatric out patients using Beer's criterion 2023 at tertiary health center, Raipur, Central India,Revanth Reddy, MBBS Student(Ref Id: STS2024-08197) under Guidance – Dr. Yogendra N. Keche)
3	Correlation of brain-derived neurotrophic factor (BDNF) level with chemotherapy-induced peripheral neuropathy (CIPN) and clinical outcome in newly diagnosed multiple myeloma patients – MD Thesis
4	Safety and Effectiveness of Sodium-Glucose Cotransporter-2 Inhibitors in Indian Patients with Heart Failure: A Post-marketing Surveillance Study in a Tertiary Care Teaching Hospital of Central IndiaDM Thesis

S. No.	Project
5	Prevalence of metabolic syndrome and its risk factors in patients receivingClozapine therapy for schizophrenia- A prospective observational study.MD Thesis
6	Essential Narcotics Utilization in Adult CriticalCare Facilities of a Tertiary Care Hospital; An Indian Prospective Study – MDThesis
7	Efficacy of Low Molecular Weight Heparin (LMWH) enoxaparin in Vaso Occlusive Crisis in Children with Sickle Cell Disease; Open label, Randomized control trial" MD Thesis
8	A comprehensive evaluation of knowledge, attitude, and practices towards "Safe Housekeeping and Sanitary Practices for the hospitals" among Housekeeping & Sanitation workers at tertiary care hospitals: A cross-sectional multicentre study - **non-funded**
9	Exploring Nucleoside and non-nucleoside Reverse Transcriptase Inhibitors (NRTI's) for targets of HPV E6 viral oncoproteins by Insilico molecular docking studies - **non-funded**
10	Evaluation of Adverse Drug reaction Profile of Drugs Prescribed for the Treatment of Leprosy – MPH Thesis
11	Effect of oral alpha lipoic acid supplementation on nerve function impairment assessed using nerve conduction studies and ultrasound techniques among newly diagnosed leprosy patients: A Pilot randomized clinical trial. - PhD thesis
12	A Single blinded Open Label Randomized Clinical Trial to compare the Efficacy of Dienogest versus combined oral contraceptive pills(OCPs) for relief of Pain Associated With Endometriosis, MD Thesis
13	Use of low dose ketamine in combination with opioids versus opioids alone in sickle cell pain crisis patients presenting with moderate to severe pain (NPRS≥4) – A triple blinded randomized controlled trial at a tertiary care centre in Central India – MD Thesis
14	Clinical and Metabolic Correlates of Bipolar Disorder and Gut Microbiota: A Comparative Study Using 16S rRNA Sequencing – PhDthesis
15	A Serial Point Prevalence Survey(PPS) of Antimicrobial Use Amongst Admitted Patients in Critical Care Settings of a Tertiary Care Hospital in Raipur District – MD Thesis
16	Evaluation of cancer treatment related fatigue and quality of life in patients with breast cancer receiving Epirubicin / Adriamycin and Cyclophosphamide based chemotherapy regimen in tertiary health care center, prospective observational study – MD Thesis
17	An open-label, randomized, pragmatic clinical trial comparing the current clinical practices to pharmacologist guided optimization of antimicrobial therapy based on average creatinine-urea clearance in critically ill patients -A Pilot study – DM Thesis
18	Evaluation of efficacy and safety of scalp cooling unit in prevention of alopecia in breast cancer patients undergoing chemotherapy regimen - A prospective observational study – MD Thesis
19	Effectiveness and Safety of use of Antiseizure medications for the primary and secondary prophylaxis of seizures in Acute Encephalitis Syndrome in tertiary care hospital centre – A Prospective Observational Study – MD Thesis
20	Efficacy and safety of intravenous colistin plus nebulized colistin versus intravenous colistin alone in patients with clinically suspected ventilator-associated pneumonia: a single-centre prospective cohort study – MD Thesis
21	Essential Narcotics Utilization in Adult Critical Care settings: An Indian Prospective Study – MD Thesis

Completed

S. No.	Project
1.	Implementing Antimicrobial Prescription Checklist to Improve Antimicrobial Prescription Quality – A Pilot Project Towards Antimicrobial Stewardship – ICMR STS Project (Guide: Dr Nitin Rewaram Gaikwad)
2.	The effect of various corticosteroids in the hospitalized patients with moderate to severe COVID -19: A tertiary hospital experience – MDThesis
3.	Clinical efficacy and pharmacokinetics of colistimethatesodium and colistin in critically ill pediatricpatientsadmitted in a tertiary care teaching hospital InIndia:A prospective longitudinal observational pilot study – MDThesis
4.	Retrospective Analysis on the Use of Amphotericin B of any forms and posaconazole in COVID 19 associated Mucormycosis (CAM) at times of Pandemic disaster- A situational analysis of a Single center and Review of International Guidelines,'- Intramural
5.	Effect of maternal intravenous hydration versus oral hydration on the amniotic fluid index and perinatal outcome in pregnant women of 32 – 36 weeks gestational age with reduced Amniotic Fluid Index: A single blindedrandomized control trial
6.	To evaluate the efficacy of two doses (500 µg and 1000µg) of vitamin B12 supplementation on glycemic control in poorly controlled type 2 diabetic patients with hyperhomocysteinemia – MD Thesis
7.	Antimicrobial use pattern and clinical outcome in pediatric patients of age group 1-14 years with Community Acquired Pneumonia admitted at a Tertiary Care Teaching Hospital of Central India: A Descriptive Longitudinal Study – MD Thesis
8.	Prospective bedside study of Drug Related Problems (DRP) in patients admitted in Medical Intensive Care Unit (MICU) and HDU (High Dependency Unit) of tertiary care teaching hospital – MD Thesis
9.	Assessment of Reporting Quality of Drug related Animal studies from 1st October 2020 to 31st September 2024 and published in MEDLINE Indexed Journals for Adherence to the ARRIVE-2020 Guidelines: A Systematic Review
10.	Assessment of completeness of reporting of adverse drug reaction related Indian case reports, published in Medline Indexed Journals over last 3 years using care 2013 guidelines: a Systematic Review

Collaborative Projects

Ongoing

S. No.	Project	Collaborating Department/Institution
1.	Mapping the genetic allele polymorphism of Drug Metabolizing Enzymes (DMEs) in Indian population with prospective Pharmacogenomics application.	Amity university, Raipur

Completed

S. No.	Project	Collaborating Department/Institution
1.	Preventability, predictability, severity and causality analysis of Serious Adverse Events reported to Institute Ethics Committee of AIIMS Raipur: A retrospective study.	NA

PUBLICATIONS

1. Singh MP, **Gaikwad NR, Keche YN**, Jindal A, Dhaneria S, et al. (2024) Antimicrobial utilization in a pediatric intensive care unit in India: A step towards strengthening antimicrobial stewardship practices". PLOS ONE 19(9): e0310515. https://doi.org/10.1371/journal.pone.0310515 .
2. Rajendran Y, **Keche Y**, **Gaikwad N R**, et al. (January 11, 2025) Evaluating the Usefulness of Online Tools for Detecting Inappropriate Prescriptions in the Geriatric Population at a Tertiary Care Teaching Hospital in Central India: A Retrospective Study. Cureus 17(1): e77254. doi:10.7759/cureus.77254
3. Gupta RK, **Singh A**. et al. Triple Negative Breast Cancer: Immunohistochemistry-Based Sub-Classification and Correlation with Clinico-Demographic Profile and Survival in Indian Patients. ***Indian J Surg Oncol*** (2024). https://doi.org/10.1007/s13193-024-02141-3
4. Balasundaram MK, Kannauje PK, Dhaneria S, **Singh A**. Evaluation of Effectiveness and Safety of Firstline Drugs Used in the Treatment of Peripheral Neuropathy Among Elderly Population—A Randomised, Open-label, Active Comparator Study. ***Annals of Neurosciences***. 2024;0(0). doi:10.1177/09727531241243126
5. Gupta RK, **Singh A** et al. Assessment of clinical and histopathological characteristics in COVID-19-associated mucormycosis (CAM) patients correlating with outcome: A Hospital Based Cross-Sectional Study. Journal of Family Medicine and Primary Care. 2024;13(8): 3115-3121.
6. **Gaikwad NR**, Singh MP, **Singh A**. Sequential Blockade with Loop Diuretics and Acetazolamide: A Novel Strategy in Acute heart failure. J Indian AcadGeriatr. 2024;20:144-9.
7. **Thangaraju P**; Global Nutrition Target Collaborators. Global, regional, and national progress towards the 2030 global nutrition targets and forecasts to 2050: a systematic analysis for the Global Burden of Disease Study 2021. Lancet. 2025 Dec 21;404(10471):2543-83.
8. **Thangaraju P**; GBD 2021 Asthma and Allergic Diseases Collaborators. Global, regional, and national burden of asthma and atopic dermatitis, 1990–2021, and projections to 2050: a systematic analysis of the Global Burden of Disease Study 2021. Lancet Respir Med. 2025 Mar 24:S2213-2600(25)00003-7.
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11. Khanth PES, **Thangaraju P, Gaikwad NR**, Wasnik PN. DRESS mimicking flushing syndrome associated with vancomycin: a case report. Curr Drug Saf. 2025 Jan 7. doi: 10.2174/0115748863333025241113055751.
12. Arora RD, Aggarwal A, Nagarkar NM, **Thangaraju P**, Keche A, Bodhey NK, et al. Arora-Nagarkar prognostic classification for rhinocerebral mucormycosis: a novel prognostic classification system. Indian J Otolaryngol Head Neck Surg. 2025 Jan;77(1):412-6.
13. Gurunthalingam MP, Singh MP, Khanth S, Katiyara V, **Thangaraju P**. Concerns regarding adherence to inclusion criteria in meta-analysis of gabapentinoids for pruritus. J Pain Symptom Manage. 2025 Jan;69(1):e93-e94.
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16. Velmurugan H, Mannava AS, **Thangaraju P,** Neelambaran K. Kisspeptin and itsCurrent Clinical Status-A Systematic Review. Curr Med Chem.2025;32(7):1313-1322.
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27. **Thangaraju P,** GBD 2021 Risk Factors Collaborators. Global burden and strength of evidence for 88 risk factors in 204 countries and 811 subnational locations, 1990-2021: a systematic analysis for the Global Burden of Disease Study 2021. Lancet. 2024 May 18;403(10440):2162-2203.
28. **Thangaraju P,** GBD 2021 Diseases and Injuries Collaborators. Global incidence, prevalence, years lived with disability (YLDs), disability-adjusted life-years (DALYs), and healthy life expectancy (HALE) for 371 diseases and injuries in 204 countries and territories and 811 subnational locations, 1990-2021: a systematic analysis for the Global Burden of Disease Study 2021. Lancet. 2024 May 18;403(10440):2133-61.
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37. **Thangaraju P**, Venkatesan S. Leprosy in the Upper Midwest: Vigilance Neededfor Contacts. WMJ. 2024 Feb;123(1):4. PMID: 38436629.
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41. Velmurugan H, **Thangaraju P**. Nutritional Status in Leprosy Patients: ASystematic Review and Meta-analysis. Infect Disord Drug Targets.2024;24(3):e211123223670.
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44. **Thangaraju P**, Velmurugan H, Venkatesan S. Antimicrobial Stewardship Program:Time to be Focused in Speciality Settings of Leprosy Institute and RelatedHealth Care Setup. Recent AdvAntiinfect Drug Discov. 2024;19(2):90-94.
45. **Thangaraju P**, Velmurugan H, Yella SST. Bedaquiline's Safety ProfileMonitoring in India: Considerations for Future - A Systematic Review. Curr DrugSaf. 2024;19(1):24-32.
46. Das, SK, **KhasbageS**, Mishra A,Jee, B. (2025). Prognostic and clinicopathological roles of circular RNA expression in chemoresistance in head and neck squamous cell carcinoma: a systematic review. ***Frontiers in Pharmacology***, ***16***. doi:10.3389/fphar.2025.1502107

Chapter(s) in Books

Sl No.	Author (s)	Chapter Title	Editor	Book	Edition	City of Publication	Publisher	Year of Publication	First-Last Page
1.	Pugazhenthan Thangaraju, B. Aravind Kumar, Hemasri Velmurugan, Sajitha Venkatesan, Ripudaman Arora, Soumitra Trivedi	Significant Risks Medical Devices Radiology	Prakash Srinivasan Timiri Shanmugam, Pugazhenthan Thangaraju, Thamizharasan Sampath, Indumathy Jagadeeswaran	Significant and Nonsignificant Risk Medical Devices	1st	Switzerland AG 2024	Springer Cham	2024	395-402
2.	Krishnapriya Neelambaran, Anil Kumar Sharma, Hemasri Velmurugan, Pugazhenthan Thangaraju	Significant Risk Medical Devices Neurology	Prakash Srinivasan Timiri Shanmugam, Pugazhenthan Thangaraju, Thamizharasan Sampath, Indumathy Jagadeeswaran	Significant and Nonsignificant Risk Medical Devices	1st	Switzerland AG 2024	Springer Cham	2024	261-279
3.	Hemasri Velmurugan, Habib Md Reazaul Karim, Krishnapriya Neelambaran, Pugazhenthan Thangaraju	Significant Risk Medical Devices Anaesthesiology	Prakash Srinivasan Timiri Shanmugam, Pugazhenthan Thangaraju, Thamizharasan Sampath, Indumathy Jagadeeswaran	Significant and Nonsignificant Risk Medical Devices	1st	Switzerland AG 2024	Springer Cham	2024	45-72
4.	Pugazhenthan Thangaraju, B. Aravind Kumar, Hemasri Velmurugan, Sajitha Venkatesan, Ripudaman Arora, Soumitra Trivedi	Significant Risks Medical Devices General Medical Use	Prakash Srinivasan Timiri Shanmugam, Pugazhenthan Thangaraju, Thamizharasan Sampath, Indumathy Jagadeeswaran	Significant and Nonsignificant Risk Medical Devices	1st	Switzerland AG 2024	Springer Cham	2024	33-44

Edited Book(s) and Monograph(s)
Book(s)

Sl No.	Author (s)	Chapter Title	Editor	Book	Edition	City of Publication	Publisher	Year of Publication	First-Last Page
1.	Pugazhenthan Thangaraju, B. Aravind Kumar, Hemasri Velmurugan, Sajitha Venkatesan, Ripudaman Arora, Soumitra Trivedi	Significant Risks Medical Devices Radiology	Prakash Srinivasan Timiri Shanmugam, Pugazhenthan Thangaraju, Thamizharasan Sampath, Indumathy Jagadeeswaran	Significant and Nonsignificant Risk Medical Devices	1st	Switzerland AG 2024	Springer Cham	2024	395-402
2.	Krishnapriya Neelambaran, Anil Kumar Sharma, Hemasri Velmurugan, Pugazhenthan Thangaraju	Significant Risk Medical Devices Neurology	Prakash Srinivasan Timiri Shanmugam, Pugazhenthan Thangaraju, Thamizharasan Sampath, Indumathy Jagadeeswaran	Significant and Nonsignificant Risk Medical Devices	1st	Switzerland AG 2024	Springer Cham	2024	261-279
3.	Hemasri Velmurugan, Habib Md Reazaul Karim, Krishnapriya Neelambaran, Pugazhenthan Thangaraju	Significant Risk Medical Devices Anaesthesiology	Prakash Srinivasan Timiri Shanmugam, Pugazhenthan Thangaraju, Thamizharasan Sampath, Indumathy Jagadeeswaran	Significant and Nonsignificant Risk Medical Devices	1st	Switzerland AG 2024	Springer Cham	2024	45-72
4.	Pugazhenthan Thangaraju, B. Aravind Kumar, Hemasri Velmurugan, Sajitha Venkatesan, Ripudaman Arora, Soumitra Trivedi	Significant Risks Medical Devices General Medical Use	Prakash Srinivasan Timiri Shanmugam, Pugazhenthan Thangaraju, Thamizharasan Sampath, Indumathy Jagadeeswaran	Significant and Nonsignificant Risk Medical Devices	1st	Switzerland AG 2024	Springer Cham	2024	33-44

PATIENT CARE

- Department of Pharmacology, AMC under PvPI, is actively collecting the ADR reports from OPD and IPD of AIIMS Raipur. These reports are analyzed by Faculty Members of Department of Pharmacology for its causality assessment. The data of these ADR reports is submitted to IPC Ghaziabad, National Coordinating Centre for PvPI, through Vigiflow software. This data is further integrated with WHO-Uppsala ADR Monitoring Centre Sweden.

- Total No. of ADRs reported from our centre to National Coordinating Centre (April 2024 to March 2025): 103

AWARDS, HONOURS AND SIGNIFICANT EVENTS

Dr. Nitin Rewaram Gaikwad

1. Chairperson for Scientific Session on "Emerging MDR bugs – let's "RESERVE" the drugs"in CME on Paediatric Critical Care – 2024, Organized by Department of Paediatrics, AIIMS Raipur on 15.09.2024

2. Chairperson for scientific session on "End of antibiotic Era: A reality or dystopian fantasy" in the conference, Evidence-based Practices in Intensive Care, Theme: Shaping Tomorrow Through Evidence-Based Insight, Department of Anesthesiology & Critical Care, All India Institute of Medical Sciences, Raipur on 01.02.2025.

3. Moderator for Panel Discussion "Improving Patient Safety Through Raising Healthcare Providers' Awareness of Adverse Drug Reactions" in CME on Pharmacovigilance to commemorate Pharmacovigilance Week, organized by the Department of Pharmacology, AIIMS Raipur on 23.09.2024.

4. Chairperson for Scientific Session in Tuberculosis Symposium – 2024, Organized by NTEP Unit, Department of Pulmonary, Critical Care and Sleep Medicine, AIIMS Raipur on 28.03.2025

Dr. Yogendra N. Keche

1. Dr. Yogendra Narayanrao Keche was Chairperson for the session "Navigating the Intricacies of Vaccine Clinical Trials" delivered by Dr. Nithya Gogtay, Professor and Head, KEM Hospital Mumbai in 3rd NAPTICON 2024 held from 22nd to 23rd November 2024 at AIIMS Nagpur.

2. He was Judge for student Oral/Poster presentation at the CME "Interdisciplinary Research: Shaping the healthcare of the Future" under the aegis of Association of Clinical Biochemists of India (ACBI) on 30th January, 2025 organized by Department of Biochemistry, AIIMS Raipur.

3. He chaired the session symposium "Ecopharmacology and Ecopharmacovigilance" at International Conference on Patient Safety and 22nd Annual Conference of Society of Pharmacovigilance(SoPICON 2025), 5th -7th February 2025 at AIIMS Bhopal.

Dr. Pugazhenthan T.

1. Elected as Fellow of Royal College of Physician, Glasgow, 28/12/2024, FRCP (Glasgow)

2. National award for Research ScholarFor the highest number of publications in one calendar yearat Annual National Conference National Association of Pharmacology and Therapeutics (NAPTICON – 2024), Organized by Department of Pharmacology, AIIMS Nagpur, Maharashtra from 21st November to 23rd November 2024

3. First Prize in Oral Paper Presentation Category, Scientific Paper titled "Use of Any Form of Amphotericin B alone or with Posaconazole in COVID-19 Associated Mucormycosis (CAM) at the time of Pandemic Disaster in a Tertiary Care Teaching Hospital" at MPSCON2024 organized by Saveetha Medical College and Hospital, Chennai, from 29.08.2024 to 30.08.2024.

4. **Copyright:**Registered- 3 (Academic year)

5. **Patents:**Granted- 2 (Academic year)

6. News in Times of India regarding my needed service in the flight. AIIMS Raipur doc provides life-saving aid to man on Hong Kong-Delhi flight | Raipur News - Times of India(Dec 29,2024)

Other Departmental Achievements

1. Dr Yazhini R, (MD Pharmacology Residents) secured AIR 2 in Institute of National Importance Super Speciality Examination May 2024 session for DM Clinical Pharmacology. She was allocated PGIMER Chandigarh.

2. Dr V Hemasri and Dr Krishnapriya N, (MD Pharmacology Residents) secured AIR 1 and AIR 4, respectively, in Institute of National Importance Super Speciality Examination November 2024 session for DM Clinical Pharmacology. They were allocated JIPMER Puducherry and AIIMS Raipur, respectively.

3. Dr Sanjeev Khanth PE (Guide: Dr Nitin Rewaram Gaikwad) received financial support, ICMR Grant of ₹ 1,00,000/- for his DM Thesis titled "An Open-label, Randomized, Pragmatic Clinical Trial Comparing the Current Clinical Practices to Pharmacologist-Guided Optimization of Antimicrobial Therapy Based on Average Creatinine-Urea Clearance in Critically Ill Patients: A Pilot Study".

4. Mr Pratip Das (Guide: Dr Nitin Rewaram Gaikwad) received financial support, ICMR Grant of ₹ 50,000/- for his ICMR STS Project titled "Implementing Antimicrobial Prescription Checklist to Improve Antimicrobial Prescription Quality – A Pilot Project Towards Antimicrobial Stewardship".

5. Krishnapriya N (DM Resident – Academic) won **2ndPrize** in Paper Presentation Oral Paper Category, titled "Clinical efficacy of Colistimethate sodium in critically ill pediatric patients admitted in a tertiary care teaching hospital in India: A Prospective longitudinal observational pilot study" in Evidence Based Practices in Intensive Care Conference, Organized by the Department of Anesthesiology and Critical Care, AIIMS Raipur – 31st January to 1st February 2024.

6. Dr. Nikunj Agrawal (Final year MD Pharmacology Resident) won **3rd Prize** in Paper Presentation Oral Paper Category, titled "A serial Point-Prevalence Survey(PPS) of Antimicrobial UseAmongst Admitted Patients inCritical Care Settings of a TertiaryCare Teaching Hospital in Raipurdistrict." in 6thNational Conference on Antimicrobial Stewardship (ASPICON – 2024), Organized by PGIMER, Chandigarh on 25.08.2024.

7. Dr. Nikunj Agrawal (Final year MD Pharmacology Resident) won **1stPrize** in Paper Presentation Oral Paper Category, titled "Assessment of Reporting Quality of Drug related Animal studies from 1st October 2020 to 31st September 2024 and published in MEDLINE Indexed Journals for Adherence to the ARRIVE-2020 Guidelines: A Systematic Review" Annual National Conference National Association of Pharmacology and Therapeutics (NAPTICON – 2024), Organized by Department of Pharmacology, AIIMS Nagpur, Maharashtra from 21st November to 23rd November 2024

8. Dr. Nikunj Agrawal (Final year MD Pharmacology Resident) won **Best Presentation Award** in Paper Presentation Oral Paper Category, titled "A serial Point-Prevalence Survey (PPS) of Antimicrobial Use Amongst Admitted Patients in Critical Care Settings of a Tertiary Care Teaching Hospital in Raipur district" in the 5th Science Conclave-cum-National Biomedical Research Competition, AIIMS, New Delhi held on 03.12.2024.

9. Dr. Nikunj Agrawal(Final year MD Resident) and Dr. Renu Thakur (2ndyear MD Resident)won **1stPrizein National PG Quiz** held in Annual National Conference National Association of Pharmacology and Therapeutics (NAPTICON – 2024), Organized by Department of Pharmacology, AIIMS Nagpur, Maharashtra from 21stNovember to 23rdNovember 2024.

10. Dr. Riya (First year MD Pharmacology Resident) won **1st Prize** in Poster Presentation Category, titled "Assessment of completeness of reporting of adverse drug reaction related Indian case reports, published in Medline Indexed Journals over last 3 years using care 2013 guidelines : a Systematic Review" Annual National Conference National Association of Pharmacology and Therapeutics (NAPTICON – 2024), Organized by Department of Pharmacology, AIIMS Nagpur, Maharashtra from 21st November to 23rd

November 2024

11. Dr. Manisha Maheshwari, (First year MD Pharmacology Resident), Department of Pharmacology participated in Elevator Pitch in 6th National Conference on Antimicrobial Stewardship (ASPICON – 2024), Organized by PGIMER, Chandigarh on 22nd August to 25th August 2024 and delivered her talk on "Efficacy and safety of intravenous Colistin plus nebulized Colistin VS intravenous Colistin alone in patients with clinically suspected ventilator-associated Pneumonia: A single-centre prospective cohort study".

12. Mr. Pratip Das (Guide Dr. N. R. Gaikwad) presented his research paper(ICMR-STS Project) in Poster Presentation Category, titled "Implementing AntimicrobialPrescription Checklist to ImproveAntimicrobial Prescription Quality –A Pilot Project TowardsAntimicrobial Stewardship" in6th National Conference on Antimicrobial Stewardship (ASPICON – 2024), Organized by PGIMER, Chandigarh on 22nd August to 25th August 2024.

13. Wajeeha Samreen, Kinjal Solanki, Varnika Modapalle (MBBS Second Professional Students – MBBS 2022 Batch) stood third in National Level Undergraduate Pharmacology Quiz - COGNITION 2024 organized by AIIMS Mangalagiri on 07.11.2024.

VISITING SCIENTIST(S)

- Dr. S. P. Dhaneria, Professor and Head, Department of Pharmacology, RD Gardi Medical College and Hospital, Ujjain, Madhya Pradesh
- Dr. Debashish Hota, Professor and Head, Department of Pharmacology, AIIMS, Bhubaneswar
- Dr. Dinesh Badyal, Professor, Department of Pharmacology, Christian Medical College, Ludhiana
- Dr. Tripti Swain, Professor and Head, Department of Pharmacology, SCB Medical College, Cuttack
- Dr. Yashshri Shetty, Professor (Additional), Department of Pharmacology and King Edward Memorial Hospital, Parel, Mumbai, Maharashtra
- Dr. Ranjana Kale, Professor, Department of Pharmacology, Mahatma Gandhi Institute of Medical Sciences, Wardha, Maharashtra
- Dr. Sudhir Sarangi, Additional Professor, Department of Pharmacology, AIIMS New Delhi
- Dr. Ahmad Najmi, Additional Professor, Department of Pharmacology, AIIMS Bhopal

Department of Physical Medicine and Rehabilitation

Professor & Officiating Head

Prof. (Dr.) Alok C Agrawal (w.e.f 25.02.2025)

Associate Professors

Dr. Jaydeep Nandi
Dr. Amol Khade

HIGHLIGHTS

The Physical Medicine and Rehabilitation Department improved Electrodiagnostics services this year through installation of new Electro Physiology EP System on 18.04.2024. PMR Department conducted its first MD Examination in July 2024 and one single candidate passed this year. Also conducted one National Level Programme (Workshop cum CME) on 4th and 5th April 2024 titled **ESPIRON 2024 (Theme: SEVEN TOPICS IN PMR).** Department also organized one **Gait analysis workshop** attended by 25 Engineering plus 10 PMR delegates on 03/05/2025 in collaboration with NIIT Raipur. Besides that International Persons with Disabilities Day was celebrated on 3rd December 2024 in which an **App-based quiz on 'common disabling conditions'** was conducted for 25 nursing officers. PMR Department is fast becoming a preferred destination for patients suffering from painful and paralytic conditions in the City and the State. Many spinal cord injury, stroke, brain injury, amputation, cerebral palsy etc. patients often experienced upright standing, unassisted walking or continent bladder and bowel for the first time after PMR IPD management.

CMEs/WORKSHOP/SYMPOSIA/NATIONAL & INTERNATIONAL CONFERENCES

S. No.	Title	CME/Conference	Date	Organized by
1.	ESPIRON 2024	Conference cum workshop Theme: SEVEN TOPICS IN PMR	04-05.04.2024	PMR Dept AIIMS Raipur
2.	Gait analysis workshop	Workshop: High end SERB sponsored workshop on 'Mechanics and Materials for Biomedical Applications''	03.05.2024	NIIT Raipur & PMR Dept AIIMS Raipur
3.	App-based quiz on 'common disabling conditions'	Awareness Program for Nursing Officers: IDPWD day celebration	03.12.2024	PMR Dept AIIMS Raipur

LECTURES DELIVERED AT CMEs, NATIONAL & INTERNATIONAL CONFERENCES

Dr. Jaydeep Nandi

S. No.	Title	CME/Conference	Date	Organized by
1.	Rheumatological disorder classification	National level CME cum Workshop ESPIRON 2024	05.04.2024	PMR Dept AIIMS Raipur
2.	Cognitive improvement in stroke	12th IFNRCON 2024 (at JIPMER Pondicherry)	14.04.2024	Indian Federation of Neurorehabilitation & Neurorehab Subsection of Indian Academy of Neurology
3.	Basics, gait parameters, foot pressure analysis	IAPMR Mid-Term CME 2024 (at AIIMS GUWAHATI)	04.10.2024	AIIMS GUWAHATI and IIT GUWAHATI
4.	Foot-Ankle pain with new age tools in management	53rd National Conference IAPMR (NIMHANS BANGALORE)	31.01.2025	Kaveri Association of Rehabilitation Medicine (KARM) and Dept. of Neurological Rehabilitation NIMHANS Bengaluru
5.	Upper limb joint injections	AIIMS Raipur Rheumatology Update 2025	27.02.2025	Dept of Gen Medicine, AIIMS Raipur

Dr. Amol B Khade

S. No.	Title	CME/Conference	Date	Organized by
1.	Upper Limb Orthosis	National level CME cum Workshop ESPIRON 2024 (at AIIMS Raipur)	05.04.2024	PMR Dept AIIMS Raipur
2.	Instrumented Gait analysis and its clinical application	Workshop: High end SERB sponsored workshop on 'MECHANICS AND MATERIALS FOR BIOMEDICAL APPLICATIONS''	03.05.2024	NIIT Raipur & PMR Dept AIIMS Raipur

RESEARCH

Departmental Projects – Non-Funded Projects/ ICMR-STS Projects/ Thesis/Dissertations

Ongoing

S. No.	Project
1.	A comparative study of electrophysiological changes observed in Posterior Tibial Nerve (PTN) of Leprosy Patients and normal volunteers
2.	Comparison of Trigger Point Release Technique of Repetitive Needling with Lignocaine versus Lignocaine Plus Steroid in Management of Myofascial Trigger Points – A Randomized Controlled Trial
3.	Plantar pressure distribution and spatiotemporal gait parameters in plantar fasciitis before and after USG guided intervention
4.	Clinical, gait and balance parameters after diagnostic obturator nerve block in patients with spasticity-a pre-post interventional study
5.	Study of spacio-temporal gait parameters in Indian population
6.	Functional and radiological outcome in total knee arthroplasty with and without patellar resurfacing: A Randomized Controlled Study

Completed:

S. No.	Project
1.	Prevalence of respiration dysfunction amongst cerebral palsy patients in a tertiary care hospital of central India
2.	Assessment Of Structural Integrity Of Plastic Composite Prosthetic Sockets Commonly Available At AIIMS Raipur For Below-Knee Amputees – A Cross-Sectional Study
3.	Prospective analysis of pre-treatment quality of life, presenteeism and emotional health due to chronic neck pain in homemakers- An Indian tertiary care hospital perspective
4.	Factors determining the efficacy of guided intervention based management of shoulder adhesive capsulitis secondary to breast cancer treatment: A retrospective analysis
5.	A cross sectional analysis of Prosthesis & Orthosis workshop functioning in a Central Indian Tertiary care hospital identifying the commonest illness catered to, most common P&O products fabricated and standard duration of delivery time
6.	Epidemiology and morbidity issues of cerebrovascular accident, spinal cord injury and traumatic brain injury patients admitted over last 5 years in a referral rehabilitation set up: a retrospective analysis
7.	Disability following COVID – 19: a cross sectional study

Collaborative Projects

Ongoing

S. No.	Project	Collaborating Department/Institution
1.	A crosssectional study on clinical characteristics of pain in leprosy Patients	Dermatology

S. No.	Project	Collaborating Department/Institution
2.	The Efficacy of Transcutaneous Electrical Nerve Stimulation (TENS) compared to a sham device for Pain Relief During First Stage of Labor- A single blind randomised controlled trial	Obstetrics and Gynaecology
3.	Correlation of Vertical and Horizontal Offset in Prosthetic Hip Joint with Patient Reported Outcome Measures(PROM) and Gait Parameters of patients undergoing Total Hip Athroplasty	Orthopaedics
4.	Gait analysis of patient with clubfoot treated with ponseti method and its corelation with pirani score at presentation	Orthopaedics
5.	A Randomized Control Trial comparing functional outcomes in management of plantar fasciitis using platelet rich plasma vs corticosteroid injection PG Thesis	Orthopaedics
6.	Evaluation of postural dysfunction using Formetric 4D Dynamic spine & posture analysis system 2 in patients presenting with back pain- a Cross-sectional study	Dept of PMR, AIIMS Mangalagiri

Completed

S. No.	Project	Collaborating Department/Institution
1.	Nutritional status of children with cerebral palsy at a tertiary care hospital	Department of Pediatrics, AIIMS Raipur

PATIENT CARE

OPD	IPD	Major OT	Minor OT	Tests	Special Clinics	Other Facility
25,274	231 (Long admission 117, Day care 110, Transfer in 4)	NA	USG guided interventions– 787	NCV-136	Paralysis Clinic-432 Amputation Clinic-68	PO Workshop services-133 Occupational Therapy Service-1216 SWD-487 UST-279 CPM-0 IFT-910 TENS-247 Cervical Lumbar Traction-75 NMES-279 High Volt Pulsed Stimulation-01 Partial Body Weight Support Trademill-277 Virtual Reality Training (Nirvana)-383 Foot Pressure Analysis (P. Walk)-98 Gyroscopic Gait Analysis (G. walk)- 166 3D Gait Analysis-112 Balance Training (Balance SD)-355

AWARDS, HONOURS AND SIGNIFICANT EVENTS

VISITING SCIENTIST(S): Dr Rajendra Sharma, Dr Mrinal Joshi, Dr Sanjay Pandey, Dr VS Gogia, Dr Parthapratim Pan, Dr Rajesh Pramanik, Dr Amit Dhumale, Dr Abhishek Chowdhery, Dr Anirudh Chirania, Dr Omprakash, Dr Rajkumar Yadav, Dr Chethan Channaveera, Dr Madhusree Sengupta, Dr Rajkumar, Dr Anuradha Shenoy, etc.

Department of Physiology

Professor & Head
Dr. Ramanjan Sinha
Professors
Dr. Meenakshi Sinha
Dr. Avinash S. Ingle
Dr. Ekta Khandelwal
Dr. Jayshri R. Ghate
Associate Professors
Dr. Upasana Kachroo
Dr.Anil Latiyar
Assistant Professors
Dr.Arunita T. Jagzape
Dr. Dipali K.Chatur

HIGHLIGHTS

The Department of Physiology at AIIMS Raipur has demonstrated core competency in medical education, research, and innovation..Several studies on modern medical education practices, such as small group discussions and viva assessments, were published internationally (PubMed-indexed) in collaboration with NIC, Chhattisgarh. The department also obtained a design patent for rotatable teaching discs developed jointly with the Pediatrics Department to enhance teaching-learning strategies. Besides, Teaching / Training of B.Tech/M.Tech students from NIT-Raipur and IIT-Bhilai has been the highlight of collaborative teaching activities.

Educational & research innovations have led to two undergraduate copyrights on conceptual learning tools, including flowcharts and mind maps about membrane transport which is the first of its kind for UGs across all AIIMS. Also, postgraduate innovations include copyrighted models like the gut microbiota–neuroplasticity interface and case record forms for cognitive assessments in pediatric obesity. In addition, innovative research projects are a core focus, including an ongoing non-invasive hemoglobin estimation project with IIT Bhilai and the Pediatrics Department, for which a patent is pending. In addition, the department holds a leading position in guiding ICMR-STS undergraduate research projects, with four active in 2024 and six more applied in 2025.

The department has engaged in collaborative research with institutions like ICMR-NIRTH Raipur and multiple clinical departments of AIIMS Raipur, addressing topics from Autonomic function and yoga to neuro-cognition, chronomedicine, cardiovascular and sports physiology, autonomic and vascular functions, nerve conduction studies, musculoskeletal diseases and non-alcoholic fatty liver disease (NAFLD) and several research articles have been published in reputed indexed journals, covering diverse areas. Postgraduates also earned accolades, including second prize for the educational game “Neuro-path” at Gamesiyo 2024 and first prizes for PhD research presentations on slow deep breathing's effects on neuro-cognition in sickle cell disease and spinal inhibition in diabetic neuropathy.In patient care, the Autonomic and Vascular Clinic of the

department has done testing and reporting of 306 patient reffered from various clinical department for assessing autonomic and vascular dysfunctions.

Besides, the department has shown strong community engagement through training over 10,000 individuals in Hands-only CPR, in collaboration with the American Heart Association. It also conducted one of the first ICMR-funded studies at AIIMS Raipur on genetic correlates of asthma in tribal populations, alongside research on metabolic syndrome prevalence across tribal and non-tribal groups.
The faculty are represented in several posts/ committees of AIIMS, Raipur including Associate Dean (Examination), Convener, PhD program, In-charge of Telemedicine & AI units, In-charge of Simulation Lab, In-charge of Gym / sports activities, members of Medical Education Unit, members of recruitment and purchase, member-secretary of Institute Ethics Committee, etc. Also, besides representation in sports, literary pursuits, student fest 'ORIANA', AIIMS Convocation 2024 needs special mention due to its Coordination by our faculty and representation in various committees in presence of Hon'ble President of India thus reinforcing the department's role in integrative, community-focused, and interdisciplinary research and education and administrative participation.

EDUCATION

Innovative Educational Activities

- Teaching through gross model of skeletal muscle in lectures and its outcome is in the form of publication in a reputed International journal: Advances in Physiology Education, 2021
- Conducted small group discussions as per 3D technique ie Distribute, Discuss and Develop as well as published it in pubmed indexed journal, 2024.
- Developed 'Anaemia arena' game for revision of the topic of anaemia for the students and acquired design patent for the same.
- An innovative app designed by NIC, Govt of Chhattisgarh was tested for conducting Viva-voce in department of Physiology and published in Advances in Physiology education (Pubmed indexed) in 2024.
- Post-graduate students held interactive workshops on development of AI enabled Medical Devices and Python Coding for MBBS students, 2024.

Short Term Training / Resource Faculty

- Training of B.Tech Biomedical Engineering studentsfrom NIT, Raipur on various modules of neurophysiological techniques such as EEG-ERP, Autonomic & vascular function, Cardio-pulmonary exercise testing and NCS-EMG.
- Training of M.TechBio-Engineering students from IIT-Bhilai on various technical aspects of instrumentation / medical devices and their applications in teaching and research
- Department of Physiology under faculty leadership were involved in conducting lectures and demonstrations of Hands-only Cardio Pulmonary Resuscitation: a joint initiative of American Heart Association and AIIMS Raipur and trained 10,000 beneficiaries including school students, police personnels, traffic police, college students and public from different housing societies.
- The faculty of the department has imparted training and acted as resource to external and internal medical faculty and students on topics involving Competency Based Medical Education and its related aspects, interpretation of ECG and courses on research methodology, etc.
- Also, facultyin Charge of Simulation Lab conducted simulation based education and training on educational science for health professionals.

CMEs/WORKSHOP/SYMPOSIA/NATIONAL & INTERNATIONAL CONFERENCES

S. No.	Title	CME/Conference	Date	Organized by
1.	Spinal cord injury research: extrapolation from animal to human	Guest lecture by Dr.Suman Jain, Professor of Physiology, AIIMS, New Delhi	24.08.2024	Department of Physiology
2.	Prediabetes – a Cardiovascular Health Menace	Guest lecture by Dr.Sanjana Dayal, Associate Professor of Internal Medicine, Univ of Iowa, USA	26.11.2024	Department of Physiology

LECTURES DELIVERED AT CMEs, NATIONAL & INTERNATIONAL CONFERENCES

Dr. Ramanjan Sinha

S. No.	Title	CME/Conference	Date	Organized by
1.	Plenary lecture on "Slow Deep Breathing as a therapeutic approach to cognitive challenges of hypoxic brain.	FIPS-ASSOPICON 2024	24.10.2024	AIIMS Patna
2.	Invited lecture on Exploring the duality of Physical Exercise and Mental Health	2nd Intl. Conference of Indian Society of Sports and Exercise Medicine ISSEMCON 2024	15.11.2024	BHU, India
3.	PhD Program at AIIMS, Raipur – How to go about	Foundation Course in Research Methodology for MD and PhD Program	10.02.2024	Dean (Academics), AIIMS Raipur

Dr. Meenakshi Sinha

S. No.	Title	CME/Conference	Date	Organized by
1.	Invited lecture: Timing of exercise for optimal health benefits	2nd Intl. Conference of Indian Society of Sports and Exercise Medicine ISSEMCON 2024	15.11.2024	BHU, India

Dr. Avinash Ingle

S. No.	Title	CME/Conference	Date	Organized by
1.	Invited Lecture: Basics of ECG	CME & ECG workshop	09.03.2025	Dept of Trauma & Emergency AIIMS Raipur
2.	Stress management for Medical students	Foundation Course for 1st year MBBS Student (Batch 2024)	8.10.2024	AIIMS Raipur
3.	The study of Yoga based lifestyle changes on Novel Physiological Parameters	An expert meeting & state level capacity building workshop on integrative research on clinical practice in Yoga	24-25.01.2025	Central Council for Research in Yoga & Naturopathy and Dept of Yoga AIIMS Raipur

Dr Jayshri R Ghate

S. No.	Title	CME/Conference	Date	Organized by
1.	Basics of Gait	Seven topics in PMR 2024 (National CME & Workshop)	04.04.2024	Department of PMR, AIIMS Raipur
2.	Gait Analysis	SERB sponsored High End Workshop on, 'Mechanics and Materials for Biomedical Applications'	03.05.2024	Department of Biomedical Engineering, NIT Raipur
3.	Simulation in Medical Education	Foundation Course for 1st year MBBS Student (Batch 2024)	09.10.2024	AIIMS Raipur
4.	Adult CPR	Hands on training: First aid module 2025	30.01.2025	College of Nursing, AIIMS Raipur
5.	HOCPR in adults	In service education on HOCPR & Neonatal Resuscitation algorithm	26-27.03. 2025	College of Nursing, AIIMS Raipur

Dr. Upasana Kachroo

S. No.	Title	CME/Conference	Date	Organized by
1.	Ethics in Medical Research: Why it matters	Orientation Workshop on Research Methodology	28.08.2024	College of Nursing, AIIMS Raipur

Dr. Arunita T Jagzape

S. No.	Title	CME/Conference	Date	Organized by
1.	Hands-only Cardio- pulmonary Resuscitation	Lecture and demonstration at Ambience Society, Deopuri, Raipur	21.4.2024	AHA-AIIMS Raipur
2.	Hands-only Cardio-Pulmonary Resuscitation	Lecture and demonstration at Scope Nursing College Raipur	5.8.2024	AHA-AIIMSRaipur

Dr. Dipali K. Chatur

S. No.	Title	CME/Conference	Date	Organized by
1.	Adult CPR	Hands on training: First aid module 2025 (HOCPR)	30.1.2025	College of Nursing, AIIMS Raipur

ORAL PAPERS/POSTERS PRESENTED

S. No.	Authors	Title	Conference	Date	Organised by
1.	Tarun Sahu, Meenakshi Sinha, Ramanjan Sinha, Preetam Wasnik, Avinash Ingle, Sai K Tikka	Effect of Long Term Slow Deep Breathing Exercise on Electrophysiological and Psychological Correlates of Cognition in Adult Homozygous Sickle Cell Disease Patients	FIPS ASSOPICON,	24-26.10. 2024	Department of Physiology, AIIMS, Patna
2.	Jobi T John, Arunita T Jagzape, Meenakshi Sinha, Tushar Jagzape	Effect of Childhood Obesity on Cognitive performance during visual Go/NoGo test: A pilot study	FIPS ASSOPICON	24-26.10. 2024	Department of Physiology, AIIMS, Patna
3.	Yerra Vishnu ARK, Dr. Jayshri Ghate, Dr. Meenakshi Sinha, Dr. Dipali Chatur, Dr. P Wasnik, Dr. A Ghosh	Evaluation of cognitive function in patients of diabetic polyneuropathy	FIPS ASSOPICON	24-26.10. 2024	Department of Physiology, AIIMS, Patna
4.	Garewal S, Ghate J, Ghosh A, Abrahm J, Chatur D, Jagzape A, Shukla A	H-reflex Rate Dependent Depression as an indicator of spinal disinhibition in patients withdiabetic polyneuropathy-a preliminary report	FIPS-ASSOPICON	24-26.10. 2024	Department of Physiology, AIIMS Patna
5.	Jobi T John, Arunita T Jagzape, Meenakshi Sinha, Tushar Jagzape.	Effect of Childhood Obesity on Cognitive performance during visual Go/NoGo test: A pilot study	International Conference on Advances In Mechanisms & Approaches to Neuro-Therapeutics & XLII Annual Meeting of Indian Academy of Neurosciences 2024	11-14.11. 2024	NIMHANS Bengaluru.
6.	Akriti Jaiswal, Meenakshi Sinha, Babita Pande, Ramanjan Sinha, Ajoy K Behera, Jayshri Ghate, ArunitaT. Jagzape	Relationship between Sleep Disturbances and Circadian Rhythm of Heart Rate Variability in Asthma Patients	10th Indian Society of Chronomedicine& World Congress of Chronomedine	11-14.11. 2024	Ayodhya, UP

S. No.	Authors	Title	Conference	Date	Organised by
7.	Jerrin C K, Dipali Chatur, A Ghosh, Jayshri Ghate, Meenakshi Sinha	Subjective and objective assessment of cognition in newly diagnosed patients of hyperthyroidism	APPICON 2024	10-14.12. 2024	ESIC medical College Chennai
8.	TarunSahu, Meenakshi Sinha, Ramanjan Sinha, PreetamWasnik, Eli Mohapatra, Avinash Ingle, Sai K Tikka	Effect of three weeks of slow deep breathing exercise on serum neurobiomarkers in SCD patients	CME on Interdisciplinary Research: Shaping the healthcare of the future, 1st Annual CG State Chapter of ACBI Biochem Conf	30.01. 2025	AIIMS Raipur
9.	Babita Pande, Meenakshi Sinha, Ramanjan Sinha, Ajoy Kumar Behera, Arti Parganiha, Rachita Nanda, Lokesh Kumar Singh	Circadian rest-activity rhythm & sleep-wake behaviour, and its association with cognition in Chronic Obstructive Pulmonary Disease patients	CME on Interdisciplinary Research: Shaping the healthcare of the future, 1st Annual CG State Chapter of ACBI Biochem Conf	30.01. 2025	AIIMS Raipur
10.	Aastha Verma, Meenakshi Sinha, Ramanjan Sinha, Ajoy K Behera, Rachita Panda, Babita Pande	Association of cognitive status of a Particularly Vulnerable Tribal Group of Chhattisgarh with their blood profile: a preliminary study	CME on Interdisciplinary Research: Shaping the healthcare of the future, 1st Annual CG State Chapter of ACBI Biochem Conf	30.01. 2025	AIIMS Raipur
11.	Athira M Das, Meenakshi Sinha, Ramanjan Sinha, BabitaPande, Jayshri R. Ghate, ArunitaT.Jagzape.	Effects of Blood Sugar Changes in Fasting and Fed States on Cognitive Performance in Morning and Evening Chronotypes	CME on Interdisciplinary Research: Shaping the healthcare of the future, 1st Annual CG State Chapter of ACBI Biochem Conf	30.01. 2025	AIIMS Raipur
12.	Akriti Jaiswal, Meenakshi Sinha, Babita Pande, Ramanjan Sinha, Ajoy K Behera, Jayshri Ghate, Arunita T. Jagzape	Association of PER2 Gene Polymorphism with Asthma Susceptibility: A Case-Control Study	CME on Interdisciplinary Research: Shaping the healthcare of the future, 1st Annual CG State Chapter of ACBI Biochem Conf	30.01. 2025	AIIMS Raipur

S. No.	Authors	Title	Conference	Date	Organised by
13.	Athira M Das, Meenakshi Sinha, Ramanjan Sinha, Babita Pande, Jayshri Ghate, Arunita Jagzape.	Effects of fasting and fed states on the cognitive performance in morning and evening chronotypes	CME on Interdisciplinary Research: Shaping the healthcare of the future, 1st Annual CG State Chapter of ACBI BiochemConf	30.01. 2025	AIIMS Raipur
14.	Garewal S, Ghate J, Ghosh A, Abrahm J, Chatur D, Jagzape A, Shukla A	Evolving Trend in H-reflex Rate Dependent Depression in diabetic Polyneuropathy and its role in spinal disinhibition.	CME on Interdisciplinary Research: Shaping the Healthcare of the Future	30.01. 2025	Department of Biochemistry, AIIMS Raipur
15.	Athira M Das, Meenakshi Sinha, RamanjanSinha, Babita Pande, Jayshri Ghate, Arunita Jagzape	Influence of feeding states on executive control and response inhibition in morning and evening chronotypes	11th Sleep Research Society congress and 8th Asian Forum on Chronobiology	08-09.02.2025	Indian Society for Sleep Reseasrch New Delhi

RESEARCH
Funded Project
Ongoing

S. No.	Project	Principal Investigator	Funding Agency	Duration (years)	Start year-End year	Total funds sanctioned (Rs.)
1.	A study on analysis of effectiveness of assessment tools in stratifying performance during formative assessment of first year MBBSstudents in Physiology (Intramural)	Dr. Ramanjan Sinha	AIIMS, Raipur	2 years	2021-2023	Non-funded

S. No.	Project	Principal Investigator	Funding Agency	Duration (years)	Start year-End year	Total funds sanctioned (Rs.)
2.	Cardio-autonomicprofile and cognitive status ofCOPDpatientsintribalp opulationofChhattisgarh with reference to genetic polymorphism: Identification of reliable functional & molecular riskpredictors	Dr. Meenakshi Sinha	ICMR-NCD	3 years	2024-2027	37,22,751/-
3.	Validation of the computerized modified colour based Stroop test for illiterate population	Dr. Meenakshi Sinha	AIIMS, Raipur	1 year	2024-2025	Non-funded
4.	Effect of yoga-based lifestyle changes on epicardial fat thickness, intima-media thickness, pulse wave velocity, VO2 max and anthropometric parameters in obese young adults	Dr Avinash Ingle	CCRYN	2 years	2025-2027	Rs 10,00,000/-
5.	AHA- AIIMS Raipur Community Hands-only cardiopulmonary Resuscitation (HOCPR) Training Program: A prospective cohort study	Dr.Jayshri R Ghate	American heart Association	2 years	2024-25	2,94,993/-
6.	Association between P53 codon 72 polymorphism and diabetic polyneuropathy in type 2 diabetes mellitus: a pilot study	Dr.Jayshri R Ghate	AIIMS Raipur	1 year Extended for 1 yr (Data collection complete d)	2022	4,60,000/-
7.	Genetic predisposition of metabolic syndrome: A case control study	Dr Jayshri R Ghate	ICMR-NIRTH Jabalpur	3 yrs	2025-28	17,21,000/-
8.	Evaluating the Impact of Structured breathing Techniques on Cognitive Function, Stress perception, and Sleep Quality in Young adults	Dr. Upasana Kachroo (Guide) (Student :Ms. Nancy)	ICMR-STS	1 year	2025-2026	60,000/-

S. No.	Project	Principal Investigator	Funding Agency	Duration (years)	Start year-End year	Total funds sanctioned (Rs.)
9.	Correlation of Autonomic Dysfunction with decreased Pulmonary function to assess the disease severity in adult patients of atopic asthma: A Pilot study	Dr. Anil Latiyar (Student :Ms. Nancy)	AIIMS Raipur	1 year	2025-2028	5,00,000/-
10.	Impact of preferred background music on neuro-physiological co-relates of cognitive performance in college students: An interventional study	Dr.ArunitaTJagzape	AIIMS, Raipur	1 year	2024-2025	Non-funded
11.	Developmentof “Non-InvasiveScreening ofHaemoglobin forAnaemia”Device (NISHAD)”	Dr. Arunita T Jagzape	AIIMS Raipur	1 year	2024-2025	3,22,480/-
12.	EvaluationofQuantitative EEGchanges inbrain lateralization, coherence andcognitiveprofile in medicalstudentsscreened fordepression	Guide: Dr. Arunita T Jagzape (Student: Aakash Hazari)	ICMR -STS	1 year	2025-2026	60,000/-

Completed

S. No.	Project	Principal Investigator	Funding Agency	Duration (years)	Start year-End year	Total funds sanctioned (Rs.)
1.	Validation of Hindi version of 'reduced-Morningness-Eveningness Questionnaire' (rMEQ)	Dr. Ramanjan Sinha	AIIMS, Raipur	1 year	2023-2024	Non-funded
2.	Effect of body fat percentage on nonalcoholic fatty liver disease & its relation with nerve conduction parameters in shift workers	Dr.Dipali Chatur	AIIMS, Raipur	1 year	2023-2024	Rs. 4,96,650/-

Departmental Projects – Non-Funded Projects/ ICMR-STS Projects/ Thesis/Dissertations

Ongoing

S. No.	Project
1.	Circadian Rhythm of Rest-Activity and Heart Rate Variability & its relation to Genetic Polymorphism in Asthmatic patients(Ph.D.thesis)
2.	Effect of Clock Gene Polymorphism on Cognitive and cardio-autonomic Profile in COPD Patients Among the Tribal Population of Chhattisgarh(Ph.D.thesis)
3.	Evaluation of cardiac autonomic function and its correlation with insulin resistance and vitamin D inreproductive age women of polycystic ovarian syndrome patients (Ph.D.thesis)
4.	Effect of oral alpha-lipoic acid supplementation on impaired nerve functions assessed using nerve conduction studies among newly diagnosed leprosy patients : A pilot randomized control trial(Ph.D. thesis).
5.	Evaluation of H-reflex Rate Dependent Depression as anindicator of spinal disinhibition in patients with diabeticpolyneuropathy and its molecular correlates(Ph.D.thesis)
6.	Assessment of cognitive and metacognitive profile in primary dysmenorrhea (MD thesis)
7.	Assessment of cognitive status and optic nerve function in newly diagnosed patients of hyperthyroidism : a comparative, prospective, observational study(M.D.thesis)
8.	Electrophysiological Correlates of Cognition in Children with Legg-Calvé-Perthes disease(M.D.thesis)
9.	Impact of preferred background music on neuro-physiological co-relates of cognitive performance in college students: An interventional study (Faculty project)
10.	Students' perspectives on use of technology and gamification in medical teaching-learning: A survey(UG project)
11.	Effect of playing table tennis on peripheral and central neuronal activities inprofessional table tennis players (Faculty project)

Completed

S. No.	Project
1.	Effect of Short Term Slow Deep Breathing Practice on Electrophysiological and Biochemical correlates of Neurocognition in Sickle Cell Disease (Ph.D.thesis)
2.	Impact of fasting and fed state on the cognitive ability of morning and evening chronotypes (M.D.thesis)
3.	Evaluation and scoring of cardiovascular autonomic dysfunction in adult patients of sickle cell syndrome attending tertiary health care centre in central India (M.D.thesis)
4.	Cognitive dysfunction in Diabetic neuropathy patients: an electrophysiological approach (M.D.thesis)
5.	Assessment of cognitive executive functions and Chronotype in Overweight and Obese pediatric subjects: A cross sectional analytical study (M.D.thesis)

Collaborative Projects

Ongoing

S. No.	Project	Collaborating Department/Institution
1.	Cardio-autonomicprofile and cognitive status of COPD patients in tribal population of Chhattisgarh with reference to genetic polymorphism: Identification of reliable functional & molecular risk predictors	Dept. of Pulmonary Medicine, AIIMS, Raipur and School of Life Sciences, PRSU, Raipur
2.	AHA-AIIMS Raipur Community Hands Only Cardiopulmonary Resuscitation (HOCPR) Training Program-A prospective cohort study'	Departments of Orthopedics, Paediatrics, Anasthesiology, Trauma and Emergency Medicine, AIIMS Raipur
3.	Correlation of brain diffusion tensor imaging metrics with Neuropsychological function and serum cytokine levels in children with SickleCell Disease (as co-investigator)	Department of Radiology, AIIMS Raipur
4.	Association between P53 codon 72 polymorphism and diabetic polyneuropathy in type 2 diabetes mellitus: a pilot study	Departments of Biochemistry, General medicine and Endocrinology, AIIMS Raipur
5.	Genetic predisposition of metabolic syndrome: A case control study	MRHRU Jheet, Durg, ICMR-NIRTH Jabalpur (Mentor Institute); Department of Biochemistry, AIIMS Raipur
6.	To compare the repair of chondral defects using human bone marrow mesenchymal stem cells, articular cartilage derived chondrocytes, cell sorted chondroprogenitors and fibronectin adhesion derived chondroprogenitors suspended in platelet rich plasma, in a human osteochondral unit model implanted in NSG-SCID mice	Department of Orthopedics and CSCR, CMC Vellore

Completed

S. No.	Project	Collaborating Department/Institution
1.	Electrophysiology of Cognition and its correlation with Neuromarkers in Sickle Cell Disease patients: a case controlled study	Dept. of Biochemistry and Department of General Medicine, AIIMS Raipur
2.	Effect of body fat percentage on nonalcoholic fatty liver disease & its relation with nerve conduction parameters in health care shift workers	Department of Radiodiagnosis and Department of Biochemistry, AIIMS Raipur

PUBLICATIONS

1. Sinha M, Pande B, JagzapeAT&Sinha R. A validated Hindi version of 'reduced Morningness-Eveningness Questionnaire' (rMEQ-H) for Chronotype assessment. Biological Rhythm Research 55(9-10): 441-456, 2024.doi 10.1080/09291016.2024.2377488

2. PandeB,Sinha M, Sinha R, Behera AK, Parganiha A, Nanda R, Singh LK. Cognitive correlates of Circadian rhythm and sleep-wake behaviour in Chronic Obstructive Pulmonary Disease Patients. Chronobiology International 1-15, 2024. Doi: 10.1080/07420528.2024.2410242.

3. Singh A, Pande B, Sinha M, Sinha R, Exploring the learning process in college students: Impact of morning and evening chronotypes. Medical Journal Armed Forces India, Available online March 2025, doi.org/10.1016/j.mjafi.2025.02.001

4. Somasekhar AK, Jagzape AT, Sinha M, Sinha R. Viva-voce using Objective, Integrated, Clustered Examination Software (VOICES) app: A Mixed Method Study for Formative Assessment of Medical Undergraduate Students in Physiology.AdvPhysiol Edu 48: 915-922, 2024.doi:10.1152/advan.00078.2024

5. Sahu T, Jagzape AT, Sinha M, Sinha R, Verma HK. New frontiers in sickle cell disease: The role of antiviral therapies and emerging drugs in managing viral infections. World JVirol 2024; In Press.

6. Suryawanshi G, Singh S, Ingle AS, Khandelwal E. Correlation between epicardial fat thickness and maximum oxygen utilisation in obese adult males: Across-sectional study: IJPP 2024 68(3);189-195. doi:10.25259/IJPP_28_2024.

7. Khandelwal E, RathoreM, Rathore V. Unlocking the mind-body connection: An HRV-based assessment of cardiac autonomic responses toyogic postures: IJCAP 2024;11(4):221–226. https://doi.org/10.18231/j.ijcap.2024.047.

8. KhandelwalE,Chawali KD, Bhavya S. Effect of protein supplements on cardiovascular health and exercise performance of young adult males:JFMPC 13(8):p 3209-3213, August 2024. | DOI: 10.4103/jfmpc.jfmpc.132.24.

9. Melenshia DS, Amirtham SM, Rebekah G, Vinod E, Kachroo U (Corrs). Effect of reconstituted, lyophilized cold aqueous extract of Aloe vera on human whole blood clotting time - A pilot study. J Ayurveda Integr Med. 2024;15(2):100887.

10. Jagzape AT, Kumar M, Ghritlahre N. Enhancing Medical Education through the Distribute, Discuss, and Develop Method: A Comparative Study of Small-Group Discussions. Cureus. 2024 Apr 25;16(4):e59012. doi:10.7759/cureus.59012. PMID: 38800236; PMCID: PMC11127711.

11. Chatur D K, Pati S K, Ghate J R, Nanda R, Sinha M, Kodapi K. Nonalcoholic Fatty Liver Disease in Shift Workers and Its Effect on Peripheral Nerve Conduction: A Cross-Sectional Study. Cureus 16(5): e60632, May 19, 2024. doi:10.7759/cureus.60632.

12. Sorte SR, Rathod SB, Chatur DK, Dhanvijay AD. Promoting Pedagogical Resilience: Unveiling the Efficacy of Synchronous Online Lectures Compared to Traditional Methods From the Students' VantagePoint Amidst the COVID-19 Pandemic. Cureus 2024 16(9): e68391. doi:10.7759/ 68391

13. Surana GN, Sorte SR, Chatur DK, Rathod SB. Anthropometric Predictors of Heart Rate Variability in Overweight Individuals: A Comparative Study. Cureus 2024 16(9): e69434. doi 10.7759/ 69434.

Intellectual property Rights:

Title of copyright	Authors	Number
Case record form for assessment of cognitive Executive function and chronotype in an obese Paediatric subject	Dr. Jobi T John, Dr. Arunita T Jagzape, Dr. Meenakshi Sinha, Dr. Tushar Jagzape. Applied for copyright of	Registration number: L-158858/2024 dated 31/12/2024
Applied for copyright of Computerized modified colour based Stroop test for illiterate population ***in English***	Meenakshi Sinha, Ramanjan Sinha, Arunita T Jagzape, Babita Pande	Application No. :12664/2025-CO/L
Applied for copyright of Computerized modified colour based Stroop test for illiterate population ***in Hindi***	Meenakshi Sinha, Ramanjan Sinha, Arunita T Jagzape, Babita Pande	Application No. : 12663/2025-CO/L
Gut microbiota-neuroplasticityinterface model	Dr. Athira Das (PG student) ,Dr. Arunita TJagzape	L-143107/2024, dated: 08.02.2024
Membrane transport flowchart:Students perspective.	Samridhi Singh (1st year MBBS student) , Dr. Arunita T Jagzape	L-143530/2024 dated 14. 02. 2024
Transport across cell membrane: A mind map	Maddipatisai Sudiksha et al (1st year MBBS students); Dr. Arunita T Jagzape	L-145643/2024, dated 22.03.2024

PATENT	Authors	Number
Rotatable teaching disc on 'Anaemia arena'	Dr.ArunitaJagzape, Dr.TusharJazape and Dr.Meenakshi Sinha	(Design no. 430474-001, dated 13/09/2024, serial no. 185947)
Applied for Patent for non –invasive estimation of hemoglobin in collaboration with IIT Bhilai	Dr. Arunita T Jagzape, Dr. Gagan Raj Gupta (IITBhilai), Dr. Tushar B Jagzape	Provisional patent number: 201321072740 dated Oct 25, 2023:

Abstracts Published in Journal(s):

1. Tarun Sahu, Meenakshi Sinha, Ramanjan Sinha, PreetamWasnik, Avinash Ingle, Sai K Tikka. Effect of Long Term Slow Deep Breathing Exercise on Electrophysiological and Psychological Correlates of Cognition in Adult Homozygous Sickle Cell Disease Patients.Proceedings of FIPS ASSOPICON, AIIMS Patna, October 2024.

2. Garewal S, Ghate J, Ghosh A, Abrahm J, Chatur D, Jagzape A, Shukla A. H-reflex Rate Dependent Depression as an indicator of spinal disinhibition in patients withdiabetic polyneuropathy-a preliminary report; Proceedings of FIPS ASSOPICON, AIIMS Patna, October 2024.

3. Deepak S, Khandelwal E, Ingle A, Nanda R, Wasnik P.Profile of AutonomicFunction among the Sickle Cell Disease patients attending tertiary health care centre in Central India.Proceedings of FIPS ASSOPICON, AIIMS Patna, October 2024.
4. Jobi T John, Arunita T Jagzape, Meenakshi Sinha, Tushar Jagzape. Effect of Childhood Obesity on Cognitive performance during visual Go/NoGo test: A pilot study. FIPS ASSOPICON, AIIMS Patna, October 2024
5. Yerra Vishnu ARK, Dr. Jayshri Ghate, Dr. Meenakshi Sinha, Dr. Dipali Chatur, Dr. P Wasnik, Dr. A Ghosh. Evaluation of cognitive function in patients of diabetic polyneuropathy. FIPS ASSOPICON at

AIIMS Patna,October 2024.

6. Jobi T John, Arunita T Jagzape, Meenakshi Sinha, Tushar Jagzape. Effect of Childhood Obesity on Cognitive performance during visual Go/NoGo test: A pilot study. International Conference on Advances In Mechanisms and Approaches to Neuro-Therapeutics (AIM-AT) &The XLII Annual Meeting of the Indian Academy of Neurosciences 2024 (IAN-24), NIMHANS Bengaluru;November2024.

7. AkritiJaiswal, Meenakshi Sinha, BabitaPande, Ramanjan Sinha, Ajoy K Behera, JayshriGhate, ArunitaT. Jagzape. Relationship between Sleep Disturbances and Circadian Rhythm of Heart Rate Variability in Asthma Patients

8. Jerrin C K, Dipali Chatur, A Ghosh, Jayshri Ghate, Meenakshi Sinha.Subjective and objective assessment of cognition in newly diagnosed patients of hyperthyroidism. APPICON 2024, ESIC medical College, Chennai, December 2024.

9.Tarun Sahu, Meenakshi Sinha, Ramanjan Sinha, Preetam Wasnik, Eli Mohapatra, Avinash Ingle, Sai K Tikka. Effect of three weeks of slow deep breathing exercise on serum neurobiomarkers in SCD patients. CME on Interdisciplinary Research: Shaping the healthcare of the future, 1st Annual Chhattisgarh State Chapter of ACBI Biochem Conf, January 2025

10.Babita Pande, Meenakshi Sinha, Ramanjan Sinha, Ajoy Kumar Behera, Arti Parganiha, Rachita Nanda, Lokesh Kumar Singh. Circadian rest-activity rhythm & sleep-wake behaviour, and its association with cognition in Chronic Obstructive Pulmonary Disease patients. CME on Interdisciplinary Research: Shaping the healthcare of the future, 1st Annual Chhattisgarh State Chapter of ACBI Biochem Conf, January 2025

11. Aastha Verma, Meenakshi Sinha, Ramanjan Sinha, Ajoy K Behera, Rachita Panda, Babita Pande. Association of cognitive status of a Particularly Vulnerable Tribal Group of Chhattisgarh with their blood profile: a preliminary study. CME on Interdisciplinary Research: Shaping the healthcare of the future, 1st Annual Chhattisgarh State Chapter of ACBI Biochem Conf, January 2025.

12. Athira M Das, Meenakshi Sinha, Ramanjan Sinha, Babita Pande, Jayshri R. Ghate, ArunitaT. Jagzape.Effects of Fasting and Fed States on Cognitive Performance in Morning and Evening Chronotypes. CME on Interdisciplinary Research: Shaping the healthcare of the future, 1st Annual Chhattisgarh State Chapter of ACBI Biochem Conf, January 2025.

13. Akriti Jaiswal, Meenakshi Sinha, Babita Pande, Ramanjan Sinha, Ajoy K Behera, Jayshri Ghate, Arunita T. Jagzape.Association of PER2 Gene Polymorphism with Asthma Susceptibility: A Case-Control Study.

14. CME on Interdisciplinary Research: Shaping the healthcare of the future, 1st Annual Chhattisgarh State Chapter of ACBI Biochem Conf, January 2025.

15. Athira M Das, Dr. Meenakshi Sinha, Dr. Ramanjan Sinha, Dr. Babita Pande, Dr. Jayshri Ghate, Dr. Arunita Jagzape. Influence of feeding states on executive control and response inhibition in morning and evening chronotypes. 11th Sleep Research Society congress and 8th Asian Forum on Chronobiology, February 2025.

Chapter in Book

Sl No.	Author (s)	Chapter Title	Editor	Book	Edition	City of Publication	Publisher	Year of Publication	First-Last Page
1.	Dr. Ankit Gupta, Dr. Arunita T. Jagzape, Dr. Meenakshi Sinha	--	--	Amphibian experiments in Physiology: All you need to know	1st	New Delhi	Innovative Publication	April 2024	1-98

PATIENT CARE

Tests Cardiac Autonomic and vascular function testing	
Total	306

AWARDS, HONOURS AND SIGNIFICANT EVENTS

Dr. R. Sinha :

- Mr. Tarun Sahu, Ph.D.student received Best Paper presentation award at International conference on Sickle cell disease titled 'Effect of three weeks of slow deep breathing exercise on cognitive performance in adult homozygous sickle cell disease patients' in October 2024, ICMR Chandrapur.

- Mr. Tarun Sahu, Ph.D.student received Best Paper presentation award at 1st Annual CG State chapter of ACBI titled 'Effect of three weeks of slow deep breathing exercise on serum neurobiomarkers in SCD patients' in January 2025, AIIMS Raipur.

Dr. Jayshri R. Ghate

- Program Lead for 'Nation of Lifesavers : Community Hands Only Cardiopulmonary Resuscitation Training Program' in collaboration with American Heart Association (AHA). Completed the HOCPR training for 10,000 participants.

- PhD student Ms Sonali Garewal of Dr Jayshri R Ghate awarded with best poster presentation entitled “Evolving Trend in H-reflex Rate Dependent Depression in diabetic polyneuropathy and its role in spinal disinhibition,” in 1st Annual Chhattisgarh State Chapter ACBI CME on Interdisciplinary Research: Shaping the Healthcare of the Future organized by Department of Biochemistry, AIIMS Raipur held on 30 January 2025.

Department of Psychiatry

Additional Professor & Head
Dr. Lokesh Kumar Singh
Associate Professors
Dr. Ajay Kumar
Dr. Aditya Somani
Assistant Professors
Dr. Lakshmi Nirisha P
Dr. Nileswar Das (From 03.01.2025)
Dr. Vinit Patel (From 17.01.2025)

HIGHLIGHTS

Like every year, this year also, World Mental Health Day was celebrated with great enthusiasm by the Department of Psychiatry to create awareness among the people regarding mental health and its treatment. On the occasion of World Mental Health Day, the department spreads awareness about mental health among the people through various programs like a workplace harmony campaign, gate-keeper training for suicide prevention, team building activities for students of MBBS and B.Sc. and a visit to the old-age home for the mental health camp. Department of Psychiatry, AIIMS Raipur organized a special seminar and mental health workshop for the employees of Kendriya Vidyalaya No. 01, Raipur. A team of the staff of the Department of Psychiatry and other departments of AIIMS, Raipur organized a special health awareness camp at the Primary Health Center, Hirapur, Raipur.

Initiatives and outreach program on World Mental Health Day 2024.





Talk about Workplace Harmony for the Nursing Staff of the Institute.

EDUCATION

1. **Undergraduate:** A 30-hour engagement program for MBBS interns during the psychiatry posting.
2. **Postgraduate:** A 360-degree formative assessment strategy has been developed for psychiatry postgraduates. It comprises a logbook, scores of academic exercises, internal assessments, assessments by faculty, and feedback, finally compiled into individual trainees' progress graphs.

LECTURES DELIVERED AT CMEs, NATIONAL & INTERNATIONAL CONFERENCES

Dr. Lokesh Kumar Singh

S. No.	Title	CME/Conference	Date	Organized by
1.	Hallucinations- Revisiting clinical assessment in Psychiatry	Post graduate Development Programme, Dehradun, Uttarakhand	06.07.2024	Himalayan Psychiatry Society Dehradun, Uttarakhand
2.	Health hazards of substance Use	Drug demand reduction Program	30.07.2024	Thakur Pyarelal State Institute of Panchayat & Rural Development, Govt. of CG.
3.	Assessment of Medically Unexplained Symptoms(MUS)	Midterm CME of central zone of Indian Psychiatric Society, 2024	17.08.2024	Central zone of Indian Psychiatric Society, Agra, UP
4.	Gatekeeper training for suicide prevention	World Mental Health Day 2024	10.10.2024	AIIMS Raipur

Dr. Ajay Kumar

S. No.	Title	CME/Conference	Date	Organized by
1.	Competency Based Medical Education (CBME) Undergraduate psychiatry.	Workshop on undergraduate psychiatry Competency-Based Medical Education (CBME) for psychiatry faculty	18.04.2024	Institute of Mental Health and Neurosciences (IMHANS), Srinagar, Govt medical College, Srinagar
2.	Assessment Strategies: Psychiatry Postgraduate Training.	CME on Undergraduate & Postgraduate Psychiatry CBME (Competency-Based Medical Education) for Faculty & Postgraduates	19-20.04.2024	SKIMS Medical College Bemina Srinagar, J&K.

S. No.	Title	CME/Conference	Date	Organized by
3.	Assessment Strategies for Psychiatry Postgraduate.	National Midterm conference of Indian Association of Social Psychiatry 2024	21.04.2024	SKIMS Medical College Bemina Srinagar, J&K.
4.	Innovative Teaching-Learning Practices in Medical Institutions in India “Psychiatry Education in Institutions of National Importance (INI)”	Indian Teachers of Psychiatry (IToP) National Psychiatry Conference.	16-17.11.2024	St. John's Medical College and Hospital, Bangalore.
5.	Psychological First Aid “Psychiatry Education in Institutions of National Importance (INI)”	Hand on training-First Aid Module 2025	29-31.01.2025	College of Nursing, All India Institute of Medical Sciences, Raipur

Dr. Aditya Somani

S. No.	Title	CME/Conference	Date	Organized by
1.	Mood and Affect	PG Development Program of Indian Psychiatric society-Central Zone	06-07.07.2024	Himalayan Psychiatric Society
2.	Prevention of Psychiatric disorders: where do we stand	45th Annual conference of Indian Psychiatric society-Central Zone	30.08-01.09.2024	Rajrishi Dashrath State Autonomous Medical College Ayodhya Dham, UP
3.	Prevention of Substance Abuse	Sensitization Program on Ill-Effects and Prevention of Substance Use	12.09.2024	College of Nursing, AIIMS, Raipur
4.	Mindfulness and stress management for entrepreneurs	AICTE-sponsored Faculty Development Program(FDP) on the theme "Entrepreneurship and Startup Ecosystem"	27.02.2025	Swami Shri Swaroopanand Saraswati Mahavidyalaya, Hudco, Bhilai

Dr. Lakshmi Nirisha P

S. No.	Title	CME/Conference	Date	Organized by
1.	Understanding Autism: Empathy through Experience	Workshop	05.04.2024	Asian Medical Students' Association, India

S. No.	Title	CME/Conference	Date	Organized by
2.	Introduction and Basic Communication Skills Substance use disorders, Severe mental Disorders. Common Mental Disorders and Developmental and Mental Health Issues in Children and adolescents	Workshop	19-31.12.2024	Dept. of Psychiatry, AIIMS Raipur In collaboration with NMHP, Department of Health And Family Welfare, Govt. Of Chhattisgarh
3.	Trainer of Trainers for DMHP workforce to train General Nurses in Primary Healthcare Settings	Online capacity Building Program	23-31.12.2024	Dept. of Psychiatry, AIIMS Raipur In collaboration with NMHP, Department of Health And Family Welfare, Govt. Of Chhattisgarh
4.	i.)Introduction to child and adolescent mental health ii.)neurodevelopmental disorders iii.) Substance use disorders in Children	Workshop/capacity Building	19-21.02.2025	Dept. of Psychiatry, AIIMS Raipur In collaboration with NMHP, Department of Health and Family Welfare, Govt. Of Chhattisgarh

ORAL PAPERS/POSTERS PRESENTED

S. No.	Authors	Title	Conference	Date	Organised by
1.	Saha A, **Kumar A**, Singh S, **Somani A**	*QT Interval Prolongation due to Use of Antipsychotic Drugs over Short Term: A Prospective Study	3rd Annual Conference of Chhattisgarh Psychiatric Society	19.12.2024	Chhattisgarh Psychiatric Society
2.	**Somani A**, Taniya, **Kumar A,** Gupta RK	*Platelet parameters in patients of depression- a hospital-based case-control study	20th Annual Conference of the Indian Association of Biological Psychiatry	22-23.02.2025	Indian Association of Biological Psychiatry.

*Best paper award

RESEARCH

Funded Project

Ongoing

S. No.	Project	Principal Investigator	Funding Agency	Duration (years)	Start year-End year	Total funds sanctioned (Rs.)
1.	National Mental Health Survey-2	Dr. Lokesh Kumar Singh	Min. of Health Family welfare, Govt. of India	1.5 years	2024-26	1,16,42,500
2.	Cross-sectional study for estimating the extent and pattern of use of substances among heavy-vehicle drivers in the state of Chhattisgarh and implications for road safety	Dr. Lokesh Kumar Singh	State Planning Commission, Chhattisgarh	1 years	2025-26	4,50,000
3.	Clinical and Metabolic Correlates of Bipolar Disorder and Gut Microbiota: A Comparative Study Using 16S rRNA Sequencing.	Dr Ajay Kumar	ICMR-DHR, Young Medical Faculty PhD program	3 years	2024 -27	50,00,000/-

Departmental Projects – Non-Funded Projects/ ICMR-STS Projects/ Thesis/Dissertations

Ongoing

S. No.	Project
1.	Assessment of Autonomic Function in Patients of Erectile Dysfunction– a hospital-based case control study
2.	Effect of adjunctive high-definition transcranial direct current stimulation in treatment of depression- a double blinded randomized sham-controlled study
3.	Assessment of vascular endothelial function in patients of depression – a hospital-based case control study
4.	Effect of Adjunctive High-Definition Transcranial Direct Current Stimulation in reducing craving and relapse prevention in-patients with Alcohol Dependence Syndrome - A Double Blinded Randomized Sham-Controlled Study
5.	Neurocognitive functions in patients with sickle cell disease: A hospital-based case-control study
6.	Screening for Neurocognitive Deficits in Adults with Sickle Cell Disease: a cross-sectional study
7.	Use of short-form video application and its psychological influence among medical undergraduates: a survey from tertiary care center of central India. (STS Project).

S. No.	Project
8.	The Antidepressant Effect of Dexmedetomidine with Electroconvulsive Therapy in unipolar depression: an open - label randomized control trial (PG Thesis)
9.	The Prevalence of depression and Anxiety in Temporomandibular Disorders: A Hospital-based cross-sectional Study. (PG Thesis)
10.	Efficacy of intermittent theta burst repetitive transcranial magnetic stimulation as adjuvant treatment in patient with chronic migraine: A double blind sham-controlled trial
11.	Cognitive Insight and relapse in patients with Alcohol Dependence Syndrome:A prospective study in tertiary care hospital
12.	The prevalence and pattern of Problematic Internet Use among older adult (>60years): an observational study from tertiary center from central India
13.	Quality Of Reporting Of Suicide Events In Leading Newspapers Of Chhattisgarh: Assessment Against Latest World Health Organization Guidelines (Submitetd Proposal no: P00525_1)

Completed

S. No.	Project
1.	Assessment of QT interval prolongation in patients using antipsychotic drugs over short term: a prospective observational study
2.	Assessment of QT interval prolongation in patients of schizophrenia attending outpatient department of a tertiary care center: a cross-sectional study
3.	The effect of intermittent theta burst repetitive transcranial magnetic stimulation in the treatment of chronic migraine: A double-blind sham-controlled trial. (ICMR-DHR PG Thesis grant).
4.	The prevalence and pattern of Problematic Internet Use among older adult (>60years): an observational study from tertiary center from central India. (PG Thesis).
5.	Assessment of bone mineral density and its association with clinical and metabolic parameters in patients with bipolar disorder: a cross-sectional study from tertiary care center. (PG Thesis)
6.	Quality of male sexual function in population on buprenorphine-naloxone based substitution therapy: A tertiary hospital-based study (Intramural, Non-Funded).
7.	Digital media use in children and adolescents and its effect on their health, psychological & behavioral functioning and family during Covid-19 lockdown in India. (Intramural-non funded).

Collaborative Projects

Ongoing

S. No.	Project	Collaborating Department/Institution
1.	Prevalence and determinants of common mental disorders among married women of age group (18-49 years) in urban slums of Raipur city	Department of Community and Family medicine, All India Institute of Medical Sciences, Raipur
2.	Effect of mindful-guided meditation on cardiovascular autonomic and cognitive functions in patients of generalized anxiety disorder- a pilot study	Department of Physiology, All India Institute of Medical Sciences, Raipur

S. No.	Project	Collaborating Department/Institution
3.	Prevalence and severity of sexual dysfunction in male patients of non-diabetic chronic kidney disease-a cross-sectional study	Department of Nephrology, All India Institute of Medical Sciences, Raipur
4.	Assessment of Vascular Endothelial Function in Patients of Depression Attending out-patient department of a Tertiary Care Center	Department of Physiology, All India Institute of Medical Sciences, Raipur
5.	Quality of reporting of suicide events in Indian television channels	School of Public Health, All India Institute of Medical Sciences, Raipur
6.	Assessment of children and adolescents for PTSD following maxillofacial and/or dental trauma - A Cohort study	Department of Dentistry, All India Institute of Medical Sciences, Raipur
7.	A cross-sectional study to determine the prevalence of depression among children with skeletal-related events in sickle cell disease	Department of Orthopaedics, All India Institute of Medical Sciences, Raipur
8.	Prevalence of metabolic syndrome and its risk factors in patients receiving Clozapine therapy for schizophrenia- A prospective observational study.	Department of Pharmacology, AIIMS, Raipur.
9.	A qualitative study on barriers and facilitators for drug adherence among patient with psychiatric illness.	College of Nursing, All India Institute of Medical Sciences, Raipur
10.	Efficacy of yoga therapy as an adjunction to the individualized homoeopathic treatment on severity and frequency of migraine: A randomized controlled trial.	Department of Homeopathy, AIIMS, Raipur
11.	Effect of High Frequency Repeated Transcranial Magnetic Stimulation on Pain Intensity in Patients with Temporomandibular Mandibular Joint Disorder: A Prospective Cohort Study.	Department of Dentistry, All India Institute of Medical Sciences, Raipur

Completed

S. No.	Project	Collaborating Department/Institution
1.	Lived experiences of caregivers of individuals with schizophrenia in tertiary care hospital.	College of Nursing, All India Institute of Medical Sciences, Raipur
2.	Sexual Dysfunction and Associated Risk Factors in Women with Chronic Kidney Disease: A Cross-sectional Study from Central India.	Department of Nephrology, All India Institute of Medical Sciences, Raipur
3.	Workplace violence in the healthcare setting and its psychological impact on healthcare workers. (Extramural non-funded)	Depart of Psychiatry, St John's Medical College and Hospital, Bangalore.

Completed

S. No.	Project	Collaborating Department/Institution
4.	Learning Management System (Lms) Based One-Year Concurrent Primary Care Psychiatry Program	Telemedicine Centre, Department of Psychiatry NIMHANS, Bengaluru
5.	Association of serum C-reactive Protein with Postoperative Delirium among Patient undergoing major abdominal surgeries: an observational study.	Dept. of Anesthesiology, AIIMS Raipur

Publications

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2. Pande B, Sinha M, Sinha R, Behera AK, Parganiha A, Nanda R, **Singh LK**. Cognitive correlates of circadian rhythm and sleep-wake behaviour in chronic obstructive pulmonary disease patients. Chronobiol Int. 2024; 41(10):1313-1327.
3. Das S, **Singh LK**, Tikka SK, Spoorthy MS, Mandal S, Soni PK, Nandan NK. Cognitive impairment in 'non-user' first-degree relatives of persons with cannabis dependence syndrome: A pilot endophenotype study. Early Interv Psychiatry. 2024;18(5):346-354.
4. **Kumar A,** Singh LK, Somani A, Laxmi Nirisha P. What We Know, We See and Do: Formative Assessments Practices of Psychiatry: Postgraduate Residency from a General Hospital Psychiatry Unit in India. Indian J Psychol Med. 2024;46(5):466-470.
5. **Kumar A**, Nibhinani N, Menon V, Kishor M, Isaac M. An Overview of Different Clinical Rotation Styles and Organizational Strategies for Postgraduate Psychiatry Training Adopted in General Hospital Psychiatry Units—A Critical Viewpoint from India. Indian J Psychol Med. 2024;46(5):471-475.
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7. Singh A, Kumar A. Dealing with the Psychosomatic Dilemma of Cyclical Vomiting Syndrome: A Case Report from Central India. Indian Journal of Behavioural Sciences 2025; 28(1): 39-41. DOI: 10.4103/IJBS.IJBS_16_24
8. Kumar RP, Verghese W, Hegde D, Rasquinha SL, Rao RM, Kumar A. Workplace violence in the healthcare setting and its psychological impact on healthcare workers. Ind Psychiatry J. 2025;34(1):45-52.
9. Kumar A, Somani A, Chandran S, Kishor M, Isaac M, Visweswariah AM. An appraisal of psychotherapy training during psychiatry residency program in India: A national survey. Indian J Psychiatry. 2024;66(4):373-380.
10. Bhadani JS, **Kumar A**, Shyam A, Mukhopadhaya J. A Multidisciplinary Approach to Managing Delirium in Elderly Orthopedic Patients: Integrating Best Practices for Optimal Outcomes. J Orthop Case Rep. 2024;14(11):1–3.
12. **Somani A**. Suicide among adolescents and young adults in India: A huge concern and a little respite at hand. Indian J Soc Psychiatry 2025;41:1-3.
13. Saha A, Singh A, Nandan NK, Das S, Somani A. Sublingual use of atropine eye drops for the treatment of clozapine induced sialorrhea. Ind Psychiatry J. 2025;34(1):123-125.
14. **Somani A**, **Singh LK**, Arya S. A survey of patients with substance use disorders during the COVID-19 lockdown: A cross-sectional study from a tertiary care hospital in Central India. Indian J Behav Sci 2024;27:99-103.
15. **Somani A**, Tekkalaki B, Beg MJ, Singh GP, Rai Y, Paralikar V, et al. Comments on "Stress, Anxiety, and Depression Before and Twelve Months After Bariatric Surgery: Repeated Cross-sectional Study". Indian J Psychol Med 2024;46:613-4
16. Ghosh A, Mukherjee D, Khanra S, Prasad S, Mahintamani T, Basu A,....**Somani A**,...**Singh LK,** et al. Dual diagnosis and their care pathways for help-seeking: A multicenter study from India. Indian J Psychiatry 2024;66:630-40.

17. Ghosh A, Mahintamani T, Somani A, Mukherjee D, Padhy S, Khanra S,....**Somani A**,...**Singh LK,** et al. Exploring help-seeking pathways and disparities in substance use disorder care in India: A multicenter cross-sectional study. Indian J Psychiatry 2024;66:528-37
18. **Patel V**, Harsha H, Kumar A, Quraishi R, Rao R.Non-medical Mephentermine Use: a systematic review of literature. Journal of addiction Medicine 2025 DOI: 10.1097/adm.0000000000001485
19. Madegowda RK, **Nirisha PL**, Sabhahit GG, Manjunatha N, Kumar CN, Math SB. The child and adolescent patient's profiles and usefulness of instant collaborative video consultations of tele-psychiatrists with primary care doctors. Ind Psychiatry J. 2024;33(2):354-359.
20. Madan R, Das N, Patley R, Nagpal N, Malik Y, Math SB. Consequences of medical negligence and litigations on health care providers-A narrative review. Indian J Psychiatry.2024;66(4):317-325.
21. Medikonda, M., G. G. Sabbahit, S. Nujella, G. Mullerpattan, N. Kulal, R. Patley, N. Das, N. Manjunatha, C. N. Kumar, and B. S. Math. "Pathways to Progress: Digital Training in Mental Health for Primary Healthcare Workers in Karnataka." FREE PAPER. Indian J Psychiatry. 2024 Jan 17;66(Suppl 1):S20–S124

Chapter(s) in Books

Sl No.	Author (s)	Chapter Title	Editor	Book	Edition	City of Publication	Publisher	Year of Publication	First-Last Page
1.	**Singh LK**, Das S, Sarkar S	Psychosexual disorder	Gupta R, Tikka SK	Textbook of Psychiatry	2nd	India	Elsevier	2025	205-17
2.	Mishra S, **Somani A**	Heart-Brain Axis	Gupta R, Tikka SK	Textbook of Psychiatry	2nd	India	Elsevier	2025	475-81
3.	Singh A, **Kumar A, Somani A**	Historical Perspectives: Oral Sex	Shack-elford TK	Encyclo-pedia of Sexual Psychology and Behavior	1st	Cham, Switze-rland	Springer Inter-national Publishing	2024	1-5
4.	Aslam S, **Kumar A**	Delving into the Nano-Mind: Unveiling the Potential and Challenges of Nano-Psychology in Mental Health	Rakesh Kumar, Krishan Kumar	Nano Technology for All	1st	Rishikesh	Sahitya Sansthan ISBN:978-93-95397-98-8	Aug 2024	306-314
5.	David AKD, Madhuri H Nanjundaswamy, **Nirisha LP**	Obsessive Compulsive Disorder and its Treatment	Patley Rahul, Arul Kevin Daniel David, Ateev Sudhir Chandna, N Manjunatha, C Naveen Kumar, Prabhat Chand, Suresh Bada Math	Primary Care Psychiatry: A Clinician's Companion	1st	Bengaluru	NIMHANS Publication	2024	49-51

Sl No.	Author (s)	Chapter Title	Editor	Book	Edition	City of Publication	Publisher	Year of Publication	First-Last Page
6.	Sudhakar G, Madhuri H najundaswamy, **Nirisha LP**	Medication to prevent relapse (Anti-craving Agents)	Patley Rahul, Arul Kevin Daniel David, Ateev Sudhir Chandna, N Manjunatha, C Naveen Kumar, Prabhat Chand, Suresh Bada Math	Primary Care Psychiatry: A Clinician's Companion	1st	Bengaluru	NIMHANS Publication	2024	71-73
7.	Malathesh BC, **Nirisha LP**	Stress-related Disorders	Ravi Gupta, Sai Krishna Tikka	Textboook of psychiatry	2nd		Elseiver India	2025	195-204
8.	Sarkar S, **Das N**	Disabilities in addictive disorders	Gabri Bennet, Emma Goodal	The Palgrave Encycloped ia of Disability.	1st	Cham, Switzerland	Palgrave Macmillan, Springer Nature	2024	1-9

PATIENT CARE

OPD	IPD	Special Clinics	Other Facility
26048	393	4136	ECT-341 TDCS-346 RTMS-1201 Child Psychology-750

AWARDS, HONOURS AND SIGNIFICANT EVENTS

1. Dr. Lokesh Kumar Singh has been invited as member of interview committee for the interview of faculty post by Public Health and Medical Education department, Govt. of M.P.,Bhopal MP.
2. Dr. Lokesh Kumar Singh work as the nodal officer in the mentoring institute of TELEMANAS project for the state of Chhattisgarh.
3. Dr. Lokesh Kumar Singh has been nominated as "Co-Chairperson" of the UG education sub-committee of the Indian Psychiatric Society for the year 2024-25.
4. Dr Ajay Kumar has received the ICMR-DHR research grant category-2 Young Medical Faculty PhD program 2024-25 and has been enrolled in the PhD.
5. Dr Ajay Kumar has undergone short training in-person training /fellowship on "Essential Interventions & Skills for Working with child sexual abuse: Introducing Mental Health & Legal Dimensions of Forensics" (19th Nov to 3rd Dec 2024), conducted by SAMVAD, NIMHANS, Bangalore supported by Ministry of Women & Child Development, Govt of India.
6. Dr Ajay Kumar has been nominated to serve on the Indian Psychiatry Society's accreditation subcommittee from 2025 to 2026.
7. Dr Ajay Kumar has completed his three years of

editorship of MINDS Newsletter.

8. Dr Ajay Kumar has become a founding member of the World Association of Dynamic Psychiatry (WADP) Indian chapter.
9. Dr Ajay Kumar became a life member of the Indian Neuromodulation Society of India.
10. Dr Ajay Kumar became a life-member of the Association for Clinical Psychiatry (ACP) in 2024.
11. Dr Ajay Kumar has been invited as a subject expert for the special educator counsellor and nurse recruitment post in Kendriya Vidyalaya (KV) shift-1.
12. Dr Ajay Kumar has initiated a psychotherapy training program for psychiatry residents in collaboration with the Indian Teaches of Psychiatry forum and the Indian Psychiatry Society Postgraduate & Undergraduate Education Subcommittee. The program was launched officially on 25 March 2025 by Padam Shri Dr BN Gangadhar, Chairmen, National Medical Commission.
13. Dr. Aditya Somani has completed one year's term as the 'convenor' of the Research sub-committee of the Indian Psychiatric Society for the year 2024-25 and has been assigned the same task for the year 2025-26.
14. Dr. Aditya Somani has completed his three years' tenure as member of Executive Committee (EC) of the Central Psychiatric Society (Indian Psychiatric Society- Central Zone) and has been appointed as Assistant Secretary of the Society.
15. Dr. Aditya Somani has been a member of Editorial Board(s) of Asian Journal of Psychiatry (early career editorial board) and Indian Journal of Psychiatry (specialty field editor).
16. Dr. Aditya Somani has been serving as Associate Editor of the Indian Journal of Social Psychiatry and Assistant Editor of Indian Journal of Behavioural Sciences and, Indian Journal of Health, Sexuality and Culture.
17. Dr. Aditya Somani has been serving on the panel of subject experts (in Psychiatry) for the National Board of Examinations in Medical Sciences.
18. Dr. Aditya Somani has been the judge of Tara Naidu Award Papers' Session at the 45th Annual conference of Central Psychiatric Society (Indian Psychiatric Society-Central Zone).
19. Dr. Aditya Somani has served on the panel of subject experts (in Psychiatry) for the Healthcare Sector Skill Council, New Delhi.
20. Dr. Aditya Somani has moderated a scientific session titled 'Communication with the Family-Bridging the Gap' organized online on 27th June 2024 by IAP- Pediatric Emergency Medicine Chapter.
21. Dr. Vinit Patel Assistant Editor for Addiction Psychiatry Society of India Newsletter (APSI)

Department of Pulmonary, Critical Care & Sleep Medicine

Professor & Head
Dr. Sajal De
Additional Professors
Dr. Ajoy Kumar Behera
Dr. Ranganath T. Ganga
Associate Professor
Dr. Dibakar Sahu

HIGHLIGHTS

1. Interventional Pulmonaryology services, such as whole Lung lavage, balloon dilation of tracheal/bronchial stenosis, and tumor debulking, have been started.
2. Introduction of the exhaled nitric oxide estimation facility and a cardiopulmonary exercise testing facility.
3. Three residents presented their abstracts at the International Conference ERS congress in Vienna, Austria.
4. Dr Aakansha Sarda, Senior Resident, received the Lung India travel grant to present her abstract.
5. Dr Soma Sai Kiran, Senior Resident (academic) secured 1st position in All India quiz on the occasion of conference on lung nodule at Hyderabad.

EDUCATION

1. Regular departmental and inter-departmental seminars are conducted.
2. Monthly Post Graduate Meet for postgraduates of Medical Colleges of Chhattisgarh.
3. Quiz competition for MBBS Students, nursing students, Interns, and AIIMS staff on World TB Week.
4. Training of postgraduates of other departments.

CMEs/WORKSHOP/SYMPOSIA/NATIONAL & INTERNATIONAL CONFERENCES

S. No.	Title	CME/Conference	Date	Organized by
1.	Post Graduate Meet	CME	04.08.2024	Dept of Pulmonary Medicine
2.	Post Graduate Meet	CME	08.09.2024	Dept of Pulmonary Medicine
3.	Post Graduate Meet	CME	10.11.2024	Dept of Pulmonary Medicine

S. No.	Title	CME/Conference	Date	Organized by
4.	COPD Day	CME	20.11.2024	Dept of Pulmonary Medicine
5.	Post Graduate Meet	CME	15.12.2024	Dept of Pulmonary Medicine
6.	Post Graduate Meet	CME	23.02.2025	Dept of Pulmonary Medicine
7.	Pulmonary Medicine Update 2025	CONFERENCE	08.03.2025& 09.03.2025	Dept of Pulmonary Medicine
8.	Pulmonary Medicine Update 2025	CME	23.03.2025	Dept of Pulmonary Medicine
9.	World TB Week	Nursing Students Quiz Competition	24.03.2025	Dept of Pulmonary Medicine
		MBBS Students Quiz Competition	25.03.2025	Dept of Pulmonary Medicine
		Intern Quiz Competition	26.03.2025	Dept of Pulmonary Medicine
		All AIIMS Staff Quiz Competition	27.03.2025	Dept of Pulmonary Medicine
		All Faculties,Senior residents & Nursing officer TB Awareness Sensitization	28.03.2025	Dept of Pulmonary Medicine
10.	State level Postgraduate Respiratory Diseases Quiz under aegis of NCCP India	CME	20.10.2024	AIIMS, Raipur

LECTURES DELIVERED AT CMEs, NATIONAL & INTERNATIONAL CONFERENCES

Dr. Sajal De

S. No.	Title	CME/Conference	Date	Organized by
1.	Influenza	Public awareness talk	15.06.2024	All India Radio
2.	Multi drug resistant TB	Webinar	07.08.2024	NBMES

S. No.	Title	CME/Conference	Date	Organized by
3.	Lung oscillometry	Comprehensive Lung Function Workshop	15.09.2024	National Institute of TB and Respiratory Diseases, New Delhi
4.	Medical management of TB spine	Symposium of Spine	15.10.2024	Dept of Orthopedics, AIIMS Raipur
5.	Iidiopathic lung disease with autoimmune features (IPAF)	Monthly Clinical Meeting	26.10.2024	Indian Chest Society (Haryana Chapter)
6.	Impulse Oscillometery. Interpretation and clinical application	Monthly Clinical Meeting	27.11.2024	Indian Chest Society (Haryana Chapter)

Dr. Ajoy Kumar Behera

S. No.	Title	CME/Conference	Date	Organized by
1.	Overview of DST Schemes	CME on Extramural Project & DST Schemes	13.04.2024	DST, GOI
2.	Difficult TB Case Presentation	NTF Workshop	18.09.2024	CTD, GOI & State TB Cell, Shimla (H.P.)
3.	Interpretat Assessment of Avian Influenza Epidemicion of Chest X-Ray	Diagnosis of PTB	23.01.2025	State TB Cell & AIIMS, Raipur
4.	Assessment of Avian Influenza Epidemic	CME on Avian Influenza Epidemic	06.02.2025	DHS & Ministry of Health & Family Welfare, GOI
5.	Role of Meditation	Orientation Programme - 2025	19.02.2025	IIIT, Naya Raipur
6.	Recent Update of Tuberculosis	World TB Symposium	24.03.2025 – 28.03.2025	Dept. of Pulmonary Medicine, AIIMS Raipur

Dr. Ranganath T. Ganga

S. No.	Title	CME/Conference	Date	Organized by
1.	Role of Cryobiopsy in Interstitial Lung Disease	IPCON 2024	14.07.2024	CG Chest Society Raipur
2.	Central airway obstruction management	IPCON 2024	14.07.2024	CG Chest Society Raipur

S. No.	Title	CME/Conference	Date	Organized by
3.	Current Challenges in the management of small cell lung cancer	NALCCON 2024	06.10.2024	AIIMS, Rishikesh
4.	Molecular testing and targeted therapy of lung cancer	NALCCON 2024	06.10.2024	AIIMS, Rishikesh
5.	Chest X ray interpretation in daily practice	Oriana 2024	18.11.2024	AIIMS, Raipur
6.	Interpretation of spirometry	Oriana 2024	18.11.2024	AIIMS, Raipur
7.	Decoding Fungal Invasion: ICU insights and interpretations	EPIC 2025	02.02.2025	AIIMS, Raipur
8.	First aid acute accidental airway emergencies and asthma	First aid modules for handling emergencies initiative of AIIMS Raipur	04.02.2025	AIIMS, Raipur
9.	Diagnosis and management of Tuberculosis in NTEP for Nursing students	World Tuberculosis WEEK	24.03.2025	AIIMS, Raipur
10.	Diagnosis and management of Tuberculosis in NTEP for MBBS students	World Tuberculosis WEEK	25.03.2025	AIIMS, Raipur
11.	Management adverse drug reaction in Tuberculosis in NTEP for MBBS interns and MPH students	World Tuberculosis WEEK	26.03.2025	AIIMS, Raipur

Dr. Dibakar Sahu

S. No.	Title	CME/Conference	Date	Organized by
1.	Foreign Bodies in the airways	IPCON-2024	14.07.2024	Chhattisgarh Chest Society
2.	Hands on workshop in Endo bronchial Ultrasound (EBUS)	Chestcon 2025	11.01.2025	Odisha Chest Society
3.	Sleep Physiology bronchial Ultrasound (EBUS)	Online CME of Sleep Disorders	05.12.2024	Chest Council of India

ORAL PAPERS/POSTERS PRESENTED

S. No.	Authors	Title	Conference	Date	Organised by
1.	Rath AK, De S, Bharadwaj P, Kiran SS, Goyal N.	Cardiovascular response during 6-minute walk test in patients with stable COPD.	European Respiratory Congress 2024 Vienna	08.09.2024	The European Respiratory Society
2.	Maheshwari A, Dubey PK, Rohit RK, De S	Small Airway Dysfunction in Adult Patients with Bronchial Asthma.	European Respiratory Congress 2024 Vienna	08.09.2024	The European Respiratory Society
3.	Sarda A, Angaj AC, Goyal N, De S.	Comparison of Respiratory Impedance in patients with Chronic Obstructive Pulmonary Disease and Bronchial Asthma	European Respiratory Congress 2024 Vienna	09.09.2024	The European Respiratory Society
4.	Sahu D, Goyal N De S, Behera A K Ganga RT, Kumar V, Kiran YSS	Evaluation of Mediastinal Lymphadenopathy in Patients with Lung Cancer Using Endobronchial Ultrasound-Guided Transbronchial Needle Aspiration (EBUS-TBNA)	WCBIP World Congress of Bronchology and Interventional Pulmonology	24.10.2024	WABIP World Association of Bronchology and Interventional Pulmonology
5.	Goyal N, Ganga RT, Behera A K, Athul A, Dubey P	Safety and efficacy o point of care ultrasound guided transthoracic needle biopsy for peripheral thoracic lesions: A retrospective study	NAPCON 2025	24.1 2025	NCCP, Pune

RESEARCH
Funded Project
Ongoing

S. No.	Project	Principal Investigator	Funding Agency	Duration (years)	Start year-End year	Total funds sanctioned (Rs.)
1.	Role of serum KL-6, SP-D and CCL-18 in predicting disease progression in systemic Sclerosis Interstitial Lung Disease.	Dr .Dibakar Sahu	AIIMS Raipur	01 year	2024	4,40,000

S. No.	Project	Principal Investigator	Funding Agency	Duration (years)	Start year-End year	Total funds sanctioned (Rs.)
2.	ICMR's Network of Pulmonary Fibrosis	Dr. Ajoy Kumar Behera	ICMR	5 year	2022-2026	45.30 Lakhs
3.	National Environmental Health Profile Study	Dr. Ajoy Kumar Behera	NEHP, GoI	5 year	2020-2025	52.57 Lakhs

Departmental Projects – Non-Funded Projects/ ICMR-STS Projects/ Thesis/Dissertations

Ongoing

S. No.	Project
1.	Evaluation of acceptance, compliance and completion of Tuberculosis preventive therapy among household contacts of Pulmonary Tuberculosis.
2.	Prevalence of small airway dysfunction in adult bronchial Asthma patients and it's association with the endotypes.
3.	To assess the sympatho-vagal dysfunction in patients with obstructive sleep apnea and its association with the disease severity.
4.	Impact of anti Fibrotic treatment on Patient reported outcome measures in patients of Interstitial Lung Disease.
5.	Sonological predictors of severity of Obstructive Sleep Apnea: a cross-sectional study in a tertiary care hospital.
6.	Comparison of diagnostic yield, safety, and patient acceptability of radial EBUS with other transthoracic diagnostic modalities in patients with lung parenchymal mass lesion.
7.	Prevalence of Eosinophilic Airway Inflammation in Patients with Stable Bronchial Asthma and Chronic Obstructive Pulmonary Disease.
8.	Role of Semi quantitative and Volumetric Parameters of 18 FDG PET/CT in predicting treatment response to chemotherapy in non-small cell lung cancer(NSCLC) patients.
9.	Effects of deep inspiratory maneuver of spirometer on respiratory impedance in patients with obstructive airway diseases.
10.	Role of capnovolumetry in diagnosing lung function abnormalities.

Completed

S. No.	Project
1.	To Evaluate the diagnostic yield and safety of Medical Thoracoscopy in patients with Undiagnosed exudative Pleural Effusion
2.	Utility of clinico-radiological and analytical parameters in predicting diagnostic outcome among patients with exudative pleural effusion
3.	Evaluation of mediastinal lymphadenopathy in patients with non- small cell lung cancer using endobronchial ultrasound guided transbronchial needle aspiration.

S. No.	Project
4.	Estimating the agreement on respiratory impedance measured by two commercial oscillometric devices: A pilot study.
5.	A comparative analysis of respiratory impedance with lung function parameters in patients with stable bronchial asthma and COPD.

Collaborative Projects

Ongoing

S. No.	Project	Collaborating Department/Institution
1.	Development and validation of Prediction equations for respiratory impedance by forced Oscillation technique in healthy Indian population-multicentriccross-sectional Study.	All India Institute of Medical Sciences, Nagpur
2.	Effect of Clock gene Polymorphism on cognitive of Cardioautonomic profile in COPD patients among the Tribal Population of Chhattisgarh	Dept. of Physiology, AIIMS Raipur
3.	Alternation in Circardian rhythmicity in Asthmatic patients:- Neuro-cognitive and Autonomic link.	Dept. of Physiology, AIIMS Raipur

Completed

S. No.	Project	Collaborating Department/Institution
1.	Correlation of circardian rhythmicity's of Melatonin with Heart rate Variability in Bronchial Asthma & its clinical Implication	Dept. of Physiology, AIIMS Raipur
2.	Alternation in Circardian rhythmicity a heart rate variability and activity cycle in asthmatic patients & its implications.	Dept. of Physiology, AIIMS Raipur

PUBLICATIONS

1. De S, Sahu D. Bronchodilator responsiveness of oscillometry parameters in COPD patients. Respir Med. 2025;238:107960.
2. Goyal N, Kiran S, Sahu D, De S. Forgotten Foreign Body Aspiration Presenting as Allergic Bronchopulmonary Aspergillosis: A Case Report. Cureus. 2025;17(1):e78280.
3. Singh N, Pati SK, Bodhey NK, De S, Behera AK. A Retrospective Analysis of Chest Radiographic Patterns in Patients With COVID-19. Cureus. 2025;17(2):e78942.
4. Singh PK, Harit R, De S, Pandey KC, Vashisht K. Reply to correspondence by Deora et al. in Human Genomics 18, article no.: 52 (2024): critical insights on "Association of the C allele of rs479200 in the EGLN1 gene with COVID-19 severity in Indian population: a novel finding". Hum Genomics. 2024;18(1):100.
5. Sarda A, Angaj AC, Goyal N, De S. Comparison of Respiratory Impedance in patients with Chronic Obstructive Pulmonary Disease and Bronchial Asthma. European Respiratory Journal 2024; 64(suppl 68): PA2600.
6. Rath AK, De S, Bharadwaj P, Kiran SS, Goyal N. Cardiovascular response during 6-minute walk test in patients with stable COPD.European Respiratory Journal 2024; 64(suppl 68): PA1673.

7. Maheshwari A, Dubey PK, Rohit RK, De S. Small Airway Dysfunction in Adult Patients with Bronchial Asthma.European Respiratory Journal 2024; 64(suppl 68): PA 1256.
8. George CA, Ganguly S, Behera AK,Ganga RT, Khare S. Mycobacterium welchii Vaccine Granuloma - A Cautionary Tale.
9. Koshta V, Singh BK, Behera AK and Ganga RT, "Fourier Decomposition-Based Automated Classification of Healthy, COPD, and Asthma Using Single-Channel Lung Sounds," in ***IEEE Transactions on Medical Robotics and Bionics*** 2024.
10. Verma KK, Bugalia A, Behera AK, Hussain N. Clinicopathological and Histomorphological Profiling of Primary Lung Carcinoma: A Tertiary Care Center Prospective Study in Central India. Frontiers in Health Informatics 2024; 13 (3): 6940-6950.
11. Behera AK, Kumar V, Sharma P, Ganga RT, Meher J, Pati S, Sinha K. Antifibrotics in the Management of Rheumatoid Arthritis-Associated Interstitial Lung Disease: Prospective Real-World Experience From an Interstitial Lung Disease Clinic in India. Cureus. 2024;16(6):e63518.
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13. P. Sahu, Kumar.S and Behera AK, "SOUNDNet: Leveraging Deep Learning for the Severity Classification of Chronic Obstructive Pulmonary Disease Based on Lung Sound Analysis," ***2024 IEEE International Conference on Electronics 2024***.
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17. Prasad SD, Behera AK, Suparva P, Rachita N, Eli M. Comprehensive analysis of bio-markers in COVID-19 patients to predict the duration of hospitalization. International Journal of Life Sciences, Biotechnology and Pharma Research 2025; 14(3): 258-267.
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20. Goyal N, Sahu D, De S, Behera AK, Ganga RT, Chowhan A. Evaluation of Mediastinal Lymphadenopathy in Patients With Non-small Cell Lung Cancer Using Endobronchial Ultrasound-Guided Transbronchial Needle Aspiration. Cureus. 2025 Mar 21;17(3):e80973.
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22. Sahu D, Sinha H, Roy SK,Gupta D (2024) Enhanced Machine Learning for Spirometry Curve Assessment in Chronic Respiratory Diseases. Obstetrics and Gynaecology Forum 2024; 34(2): 225–229.

PATIENT CARE

OPD	IPD
32191	1797

Investigations and procedures-

S. No.	Procedures	Total patients
1.	Spirometry	5573
2.	Polysomnography	123
3.	Bronchoscopy	793
4.	Thoracoscopy	127
5.	Body Plethysmography	10066
6.	DLCO	293
7.	Forced oscillometry	1096
8.	Six-minute walk test	394
9.	Skin Prick Test	165
10.	Ultrasonography	1440
11.	PI PE Max	35
12	Mantoux Test	789
13.	Endo Bronchial lung Ultrasound	84
14.	Cardio-Pulmonary Exercise Testing	07
15.	Fractional Exhaled Nitric Oxide (FENO)	256

NTEP – Total slide examined for AFB - 2634
Total positive cases of AFB - 130
Total put on DOTS - 1585

AWARDS, HONOURS AND SIGNIFICANT EVENTS

Dr. Sajal De:

- Member, Editorial review board, Therapeutic Advances in Respiratory Disease, Sage Publishing (IF:3.3).
- Invited as a Guest editor by Plos One.
- Subject Expert for the recruitment of faculty by ICMR, Medical College.

Dr .Ajoy Kumar Behera:

- Appreciation Award by LIONS Club, Raipur for COVID Care and Control on Doctor's Day.
- Chaired a session in National Conference (NAPCON-2024) of Pulmonology held at Coimbatore.
- Chaired the Difficult to Treat (DT3 Clinic) by the State TB Cell, CG.
- Invited as State PG Convener for PG Quiz Competition in Respiratory Diseases for the State of Chhattisgarh.
- Invited as Subject Expert for Faculty Recruitment

in ESI Hospital.

- Principal Investigator for ICMR Network of Pulmonary Fibrosis (INPF) Registering in the State of CG.
- Chaired in Zonal Task Force (East) NTEP workshop organized by Central TB division GOI & Odisa State TB Cell.
- Invited to National Task Force NTEP workshop as ZTF-OR Chairperson organized by CTD & State TB Cell, Himachal Pradesh, Shimla.
- Invited as Chairperson in 1st International Pulmonology Conference under Agesis of C.G. Chest Society.
- Deputed by GoI as team expert committee member for Assessment & Review of Avian Influenza Epidemic Situation in District of Raigarh C.G.
- Organized TB Mukt Bharat Nikshya Niramaya Abhiyan launching in Co-ordination with NHM, GoIU of Chhattisgarh on 7th Dec. 2024.
- Organized 2 days 6th National Symposium of Pulmonary Medicine Update workshop 2025 & 5 days World TB week Symposium 2025.
- During 100 days TB Mukta Bharat Abhiyan sensitization & Training of 540 Doctors regarding Chest X-Ray interpretation for diagnosis of Tuberculosis.
- Invited for the orientation of B.Tech Engineering Students regarding stress Management in IIIT, Raipur.
- Registration of more than 480 ILD Patients under the ICMR Network of Pulmonary Fibrosis (INPF) and management follow-up in the state of Chhattisgarh.

Dr. Ranganath T Ganga:

- Passed the prestigious European Diploma in Adult Respiratory Medicine Exam in October 2024 by the University of Bern, Switzerland and awarded EDARM by University of Bern, Switzerland.
- Vice Chairperson State Operational Research Committee NTEP CG Govt.

Department of Radio-diagnosis

Professor & Head
Dr. Narendra Kuber Bodhey
Associate Professors
Dr. Saroj Kumar Pati
Dr. Manish Kumar
Assistant Professors
Dr. Richa Singh Chauhan
Dr. Nihar Vijay Kathrani

HIGHLIGHTS

The department of Radiodiagnosis is well equipped with all state of the art equipments like Digital Radiography (1000 mAs DR), Digital Radio-fluoroscopy (DRF), High End Elastography USG machine, USG Doppler, Multidetector CTs (128 slice and 256 slice), Digital Subtraction Angiography, MRI 3 tesla, Digital Mammography system, Digital OPG, Portable X-ray machines, Computed Radiography system. In addition to the infrastructure development, the post graduate MD incumbents in Radiology were 17 by the end of March 2025 with 6 new PG incumbents in the current year. Two students are admitted to the PDCC (Cardiothoracic and Vascular Imaging and Interventional Radiology). The B.Sc. Radiography course has a total of 08 incumbent candidates. The passed out students are so far are 4 PDCC students, 16 MD (Radiodiagnosis) and 11 BSc. students. Of these one MD pass out has secured a gold medal in DNB Radiodiagnosis, 3 are persuing DM (Neuroradiology). The department also takes classes for M.Tech Biomedical Engineering (co-run by IIT Bhilai) and has internship program for the BTech Biomedical engineering and BTech Biotechnology students from NIT.

CMEs/WORKSHOP/SYMPOSIA/NATIONAL & INTERNATIONAL CONFERENCES

S. No.	Title	CME/Conference	Date	Organized by
1.	Cardiac Imaging Update – Basics to Advances	National mid term CME 2025 of the Indian Association of Cardiac Imaging	23.03.2025	Department of Radiodiagnosis, AIIMS Raipur

LECTURES DELIVERED AT CMEs, NATIONAL & INTERNATIONAL CONFERENCES

Prof.(Dr.) Narendra Bodhey

S. No.	Title	CME/Conference	Date	Organized by
1.	Coronary anatomy and coronary anomalies	Cardiac Imaging Update – Basics to advances: Mid Term National CME of the Indian Association of Cardiac Imaging	23.03.2025	Department of Radiodiagnosis, AIIMS Raipur and the Indian Association of Cardiac Imaging
2.	Basic Planes and sequences in cardiac MRI	Cardiac Imaging Update – Basics to advances: Mid Term National CME of the Indian Association of Cardiac Imaging	23.03.2025	Department of Radiodiagnosis, AIIMS Raipur and the Indian Association of Cardiac Imaging
3.	Imaging of cardiac Masses	Cardiac Imaging Update – Basics to advances: Mid Term National CME of the Indian Association of Cardiac Imaging	23.03.2025	Department of Radiodiagnosis, AIIMS Raipur & Indian Association of Cardiac Imaging
4.	Clinical Implication of Interstitial Lung Abnormality	CME: Pulmonary Medicine Update 2025	09.03.2025	Department of Pulmonary Medicine, AIIMS Raipur.

Dr. Saroj Kumar Pati

S. No.	Title	CME/Conference	Date	Organized by
1.	Diagnostic imaging in TB spine.	CME by Dept of Orthopedics, AIIMS Raipur	15.10.2024	Dept of Orthopedics, AIIMS Raipur
2.	Multidisciplinary Management of Thyroid Disorders	CME by Dept of ENT, AIIMS Raipur	21.02.2025	Dept of ENT, AIIMS Raipur

Dr. Manish Kumar

S. No.	Title	CME/Conference	Date	Organized by
1.	Imaging of Intracranial cystic lesions	CME: - Recent advances in Radio-diagnosis	13.04.2024	Shri Shankaracharya Institute of Medical Science, Bhilai
2.	HRCT temporal bone : Roadmap for surgery	CME: Monthly Lectures Series of Association of otolaryngologists of India.	28.08.2024	Association of Otolaryngologists of India, Raipur branch

Dr. Richa Singh Chauhan

S. No.	Title	CME/Conference	Date	Organized by
1.	Imaging in Tumor Mimics	26th annual conference of Indian Society of Neuroradiology (ISNR) 2025	21.02.2025	NIMHANS, Bengaluru, Karnataka
2.	Recent WHO classification of Glioma- What Radiologists need to know	Kanker Medical College CME	02.02.2025	Dept. of Radiodiagnosis, Late Smt. Indira Gandhi Memorial Govt. Medical College, Kanker, Chhattisgarh
3.	Imaging in Encephalitis	Kanker Medical College CME	02.02.2025	Dept. of Radiodiagnosis, Late Smt. Indira Gandhi Memorial Govt. Medical College, Kanker, Chhattisgarh
4.	Congenital Posterior Fossa Cystic Lesions- Embryological Basis and Imaging	23rd Asian Oceanian Congress of Radiology (AOCR 2025), Chennai	25.01.2025	Indian Radiology and Imaging Association
5.	Imaging and Management of Dural AV fistula	Annual Conference of IRIA, Shakti Summit 2024- Vishakhapatnam	20.10.2024	Indian Radiology and Imaging Association
6.	Imaging in Atypical CNS Infections	IRIA Resident Education Program (IREP) 2024	06.10.2024	Pt. JNM Medical College, Raipur
7.	Imaging in Atypical CNS Infections	Mid-Term CME of ISNR, Jaipur	28.07.2024	Indian Society of Neuroradiology (ISNR)
8.	Congenital Posterior Fossa Cystic Lesions	Online Lecture series of ICRI on Pediatric Imaging	10.07.2024	Indian College of Radiology and Imaging (ICRI)

Dr. Nihar Kathrani

S. No.	Title	CME/Conference	Date	Organized by
1.	Idiopathic Intracranial Hypertension (IIH) – When to do Venous Sinus Stenting	Indian Society of Neuroradiology Midterm CME	28.07.2024	Indian Society of Neuroradiology
2.	Don't Let your Guard Down Early – Aortic Wall Hematoma in a case of Spinal Dural AV Fistula and a never-ending deterioration	19thMM (Morbidity and Mortality) Meeting	25.08.2024	Indian Neurointerventional Foundation (INIF)
3.	Radiological Diagnosis of Pneumonia in Patients with Acute Leukemia	2nd IRIA Resident Education Program (IREP)	06.10.2024	Indian Radiology and Imaging Association (IRIA)– CG Chapter
4.	Imaging and Interventional management of Primary CSF Rhinorrhea	23rd Asian Oceanian Congress of Radiology (AOCR 2025)	25.01.2025	Indian Radiology and Imaging Association (IRIA) with AOCR
5.	Imaging in Stroke	Radiology CME	02.02.2025	Dept. of Radiodiagnosis, Late Smt. Indira Gandhi Memorial Govt. Medical College, Kanker, Chhattisgarh
6.	Imaging in Demyelination	Radiology CME	02.02.2025	Dept. of Radiodiagnosis, Late Smt. Indira Gandhi Memorial Govt. Medical College, Kanker, Chhattisgarh
7.	Bilateral radial access in Neurointerventions	26th annual conference of Indian Society of Neuroradiology (ISNR) 2025, Bangalore	23.02.2025	Indian Society of Neuroradiology
8.	Radial Interventions – Challenging cases and best hardware	26th annual conference of Indian Society of Neuroradiology (ISNR) 2025	23.02.2025	Indian Society of Neuroradiology

ORAL PAPERS/POSTERS PRESENTED

S. No.	Authors	Title	Conference	Date	Organised by
1.	**Bodhey NK,** Yesuraju, Indal M, Singh S	Masked Coarctation in Young Adult presenting as resistant hypertension with bicuspid aortic valve and anomalous left circumflex coronary artery	Annual Conference of the Indian Association of Cardiac Imaging held at Dr U N Mehta Institute of Cardiac Sciences, Ahmedabad	05.10.2024	Indian Association of Cardiac Imaging with Dr UN Mehta Institute of Cardiac Sciences Ahmedabad
2.	**Bodhey NK,** Yesuraju, Indal M	Spectrum of different intracardiac lesions seen on Cardiac CT angiography	Annual Conference of the Indian Association of Cardiac Imaging held at Dr U N Mehta Institute of Cardiac Sciences, Ahmedabad	05.10.2024	Indian Society of OtologyaIndian Association of Cardiac Imaging with Dr UN Mehta Institute of Cardiac Sciences Ahmedabad
3.	**Bodhey NK,** Sangharsh SM, Wasnik PN, Pranita,	Takayasu arteritis with IgA nephropathy. Coincidence or shared immunopathogenic pathways?	Rheumatology Conference at AIIMS Raipur	22.02.2025	Department of Medicine, AIIMS Raipur.
4.	**Bodhey NK,** Sangharsh SM, Wasnik PN, Pranita,	When right is wrong – Its AVC now and not ARVC.	Medicine update 2024	09.11.2024	Department of Medicine, AIIMS Raipur
5.	**Bodhey NK,** Kumar M,. Vanitha R,Indal M	Metastatic Neuroblastoma: early detection of hair-on-end periostitis by HRUSG scalp	ULTRAFEST-2024 at Mumbai	26.04.2024	Maharashtra State Branch of IRIA
6	***Bodhey NK,*** Goyal A, Paul S, Chauhan AK, Kumar A	Pancreatic GIST masquerading as SPEN – Rare but Real	IHPBA 2025	21.03.2025	Indian Hepato-Pancreato-Biliary Association
7	**Pati Sk**	A very rare case of "pediatric parapharyngeal malignancy"- masked by infection	5th annual conference of Indian Society of Head and Neck Radiology	19.10.2024	Indian Society of Head and Neck Radiology, Ahmedabad

S. No.	Authors	Title	Conference	Date	Organised by
8	**Pati Sk**	Pancreatic gastrointestinal stromal tumor- A very rare neoplasm simulating solid pseudopapillary epithelial neoplasm	7th Annual Conference of Indian Society of Gastrointestinal & Abdominal Radiology	09.11.2024	Indian Society of Gastrointestinal & Abdominal Radiology, Guwahati
9	**Kumar M**, Vanitha R, Indal M, Bodhey NK	Metastatic Neuroblastoma: early detection of hair-on-end periostitis by HRUSG scalp	ULTRAFEST-2024	26.04.2024	Maharashtra State Branch of IRIA
10	Kumar M, Vignavishal N, Indal M.	USG Guided biopsy of pediatric abdominal masses: A single center experience	ULTRAFEST-2024	26.04.2024	Maharashtra State Branch of IRIA
11	Chauhan RS, Kathrani NV	(ORAL) Acute SDH: A dreaded complication of a benign procedure– Transverse Sinus Stenting	19th Mortality and Morbidity Meeting of INIF	24.08.2024	India NeuroInterventional Foundation (INIF)
12	Chauhan RS, Kathrani NV, Mane A	(POSTER) Antenatal Sonographic Diagnosis of Fetal Jejunal Atresia: Role of 3D Ultrasound.	Sonosummit 2024, Chennai	13.07.2024	Indian radiology and Imaging Association
13.	Chauhan RS, Kathrani NV, Mane A	(POSTER) Antenatal Sonographic Diagnosis of Extralobar Pulmonary Sequestration: A Case Series.	Sonosummit 2024, Chennai	13.07.2024	Indian radiology and Imaging Association
14.	Chauhan RS, Kathrani NV, Ray R	(POSTER) Herniating Mesenteric Cyst: A Rare Content of Indirect Inguinal Hernia with Consequent Hydrocele	23rd Asian Oceanian Congress of Radiology (AOCR 2025)	24.01.2025	Indian radiology and Imaging Association
15.	**Chauhan RS,** Patel P, Goyal, A, Paul S, Gupta AK, Ravina M.	(POSTER) Primary Hepatic Neuroendocrine Tumor- A rare Hepatic tumor-	IHPBA 2025	21.03.2025	Indian Hepato-Pancreato-Biliary Association

RESEARCH
Funded Project
Ongoing

S. No.	Project	Principal Investigator	Funding Agency	Duration (years)	Start year-End year	Total funds sanctioned (Rs.)
1.	A Multicenter double blind, Randomized, Parallel-group, phase 3 study to compare the efficacy and safety of the TCH – P (EU-Perjeta vs Biosimilar PERT – IJS) in HR – ve, Her2 positive Early Stage or Locally Advanced Breast Cancer.	**Co-PI:-** Dr. Narendra K. Bodhey.	Biocon Biologics UK limited	2 Years	2024 - 2026	Rs 4,50,000/-
2.	Single blind Randomized clinical trial on 4 weeks versus 6 weeks antibiotic therapy in the management of non-surgically treated diabetic foot osteomyelitis.	**Co-PI:-** Dr. Narendra K. Bodhey.	ICMR	2 Years	2025 – 2027	Rs 41,40,000/-
3.	Role of multiparametric MRI in prediction of response to neoadjuvant chemoradiotherapy in locally advanced rectal carcinoma; an observational study.	**PI:-**Dr. Saroj K. Pati	AIIMS Raipur	2 Years	2024 - 2026	Rs 3,30,000/-
4.	ICMR's network of pulmonary fibrosis.	**Co-PI**Dr. Narendra K.Bodhey; Dr. Saroj K. Pati	ICMR	5 Years	2023 – 2028	Rs 56,00,000/-
5.	DBT funded NIDAN project 1. Establishment of NIDAN Kendra at AIIMS-Raipur. 2. Screening of pregnant women and newborns in aspirational district Rajnandangaon.	**Co-PI** Dr. Saroj K. Pati	DBT	5 Years	2023 – 2028	Rs 4,95,00,000 /-

S. No.	Project	Principal Investigator	Funding Agency	Duration (years)	Start year-End year	Total funds sanctioned (Rs.)
6.	The Assessment of Advanced Neuroimaging Biomarkers Related to Acute Ischemic Stroke Risk and Cognitive Dysfunction in Patients with Sickle Cell Disease	**PI:**-Dr. Richa Singh Chauhan	DHR-ICMR	5 Years	2024-2029	Rs 50,00,000/-
7.	Correlation of brain diffusion tensor imaging metrics with Neuropsychological function and serum cytokine levels in children with Sickle Cell Disease	**PI:**-Dr. Richa Singh Chauhan	ASPNR	1 Years	2025-2026	Rs. 17,00,000
8.	The Assessment of Advanced Neuroimaging Biomarkers Related to Acute Ischemic Stroke Risk and Cognitive Dysfunction in Patients with Sickle Cell Disease	**PI:-**Dr. Richa Singh Chauhan	Indian Radiological and Imaging Association (IRIA Research Grant 2024)	2 Years	2024 - 2029	Rs 5,00,000/-
9.	Transverse venous sinus stenting as a standalone treatment of spontaneous CSF leak secondary to Idiopathic Intracranial Hypertension – A pilot Study	**Co-PI:-**Dr. Nihar Kathrani	IRIA	2 Years	2025 - 2027	Rs 5,00,000/-

Funded Project

Completed

S. No.	Project	Principal Investigator	Funding Agency	Duration (years)	Start year-End year	Total funds sanctioned (Rs.)
1.	Development Of Breast Cancer Risk Assessment System In Women Using Advanced Artificial Intelligence Techniques: A Pilot Study.	**Co-PI:** Prof. (Dr) Narendra K. Bodhey. In collaboration with NIT Raipur.	ICMR	3 Years	Feb 2021-Feb 2024	Rs 6,45,000/-
2.	Assessment Of Prevalence Of Circle Of Willis Variation In Healthy Subjects – An Institutional Study.	PI:-Dr. Saroj K. Pati	Intramural	2 Years	2020-2022	Rs 4,80,000/-

Departmental Projects/ Thesis/Dissertations

Ongoing

S. No.	Project
1.	Role of shear wave elastography in characterization of breast malignancy: A cross sectional study.
2.	Role of T2 mapping of articular cartilage in evaluation of knee joint osteoarthritis – A cross sectional study.
3.	Spectrum of pulmonary arterial anatomy and patterns of major aorto-pulmonary collaterals in cyanotic congenital heart diseases on Cardiac CT Angiography.
4.	Roll of multiparametric MRI in evaluation of suspected case of urinary bladder neoplasm with histopathological correlation – Observational study.
5.	Comparison of transcranial doppler findings between children with sickle cell disease and non- sickle cell disease.
6.	A study on spectrum of USG elastography of liver in patients of sickle cell disease – An Ambispective study
7.	CT morphometric association of anterior epitympanic recess with cholesteatoma in chronic suppurative ottitis media patients –An observational study.
8.	Correlation of liver and splenic elastography and doppler velocimetry of portal vein with severity of esophageal varices in patients with chronic liver disease, an observational study '
9.	Role of ultrasound in the assessment of ACL tear in a case of acute knee injury in comparison with MRI knee
10.	Comparison of renal ultrasound elastography findings in chronic kidney disease patients with that of age matched controls –A case control study.
11.	Comparison of transvaginal ultrasonography and MRI findings in clinically suspected patients of endometriosis.
12.	Spectrum of USG elastography findings in neuroparenchyma of neonates and infants
13.	Safety and efficacy of transradial access in diagnostic cerebral angiography
14.	Assessment of correlation between CT perfusion characteristics with Histopathology in patients of primary lung cancer- A cross sectional study

Completed

S. No.	Project
1.	Assessment of ventricular function and late gadolinium enhancement patterns in patients of non-ischemic cardiomyopathy with 3Tesla MRI
2.	Evaluation of Diffusion Weighted MR Imaging and Diffusion Tensor Imaging in Spinal Tuberculosis with 3 Tesla MRI
3.	Differentiation Between Classic and Atypical Meningiomas by Diffusion Tensor Imaging and Diffusion Weighted Imaging with 3 Tesla MRI
4.	Role of Diffusion Weighted Imaging and Dynamic Contrast Enhance MRI for Pre-Operative Assessment of Endometrial Carcinoma.
5.	Differentiation of Intraaxial Brain Tumours Using Diffusion Weighted Imaging, Diffusion Tensor Imaging and Perfusion Imaging.
6.	Assessment of Spectrum of Multiparametric Breast MRI in Characterisation of Breast Lesions.
7.	MR Imaging Spectra in Complex Renal Lesions with 3 Tesla MRI
8.	Characterisation of Prostatic Lesion on Multiparametric MRI.
9.	Multidetector computed tomography and ultrasonography correlation in severity assessment of acute pancreatitis.
10.	Multiparametric magnetic resonance imaging characterisation of oral and oropharyngeal mucosal lesions.
11.	Spectrum of advanced MRI parameters in various posterior fossa tumours with 3T MRI.
12.	Spectrum of Chest CT findings beyond 3 months of moderate to severe covid state.
13.	Imaging Spectrum in Covid Associated Rhino-orbital-cerebral Mucormycosis
14.	Retrospective Analysis of Radiographic Patterns in COVID-19 Patients
15.	Correlation of computed tomographic pulmonary angiography & echocardiographic parameters in suspected patients of pulmonary thromboembolism.
16.	Spectrum of real time shear wave ultrasound elastography in various thyroid disorders.

Collaborative Projects

Ongoing

S. No.	Project	Collaborating Department/Institution
1.	Assessing the role of point of care ultrasound (POCUS) in patient reporting to emergency department with chest trauma with diagnosis of rib fracture.	Department of Trauma and Emergency, AIIMS Raipur
2.	Clinico Radiological Profile of Acute Ischemic Stroke with special emphasis on prehospital factors affecting thrombolytic therapy in a tertiary care centre in Central India.	Department of General Medicine, AIIMS Raipur
3.	Clinical spectrum of hepatobiliary manifestation in adults with sickle cell disease – A cross sectional study.	Department of General Medicine, AIIMS Raipur

S. No.	Project	Collaborating Department/Institution
4.	A cross-sectional study on prevalence and characterization of mineral bone disease in patients of CKD of unknownorigin	Department of Nephrology, AIIMS Raipur .
5.	A clinico-radiological assessment determiningextent of correlation between acromial index and supraspinatus tear: an observational study	Department of Orthopedics, AIIMS Raipur
6.	Role of T2 mapping of articular cartilage in evaluation of knee joint osteoarthritis: a cross-sectional study	Department of Orthopedics, AIIMS Raipur
7.	Correlation of liver and splenic elastography and doppler velocimetry of portal vein with severity of esophageal varices in patients with chronic liver disease: an observational study.	Department of Gastroenterology, AIIMS Raipur
8.	Comparison of transvaginal ultrasonography and magnetic resonance imaging findings in clinically suspected patients of endometriosis	Department of Obstetrics and Gynecology. AIIMS Raipur
9.	Assessment of correlation between CT perfusion characteristics with histopathology in patients of primary lung cancer- a cross-sectional study.	Department of Pulmonary Medicine, AIIMS Raipur.
10.	A comprehensive MRI study of spinal cord dimensions across all the vertebral levels: defining normal cutoff values in healthy Indianadults	Department of Neurosurgery, AIIMS Raipur
11.	An Adaptive Phase 2a/2b, Randomized, Double-Blind, Placebo-Controlled Study of LY3871801 in Adult Participants with Moderately-to-Severely Active Rheumatoid Arthritis	Department of General Medicine, AIIMS Raipur
12.	A Prospective, Interventional, Randomized, Double-Bind, Placebo Controlled Clinical Study to evaluate the Efficacy and Safety of Clearstone syrup in Patients with Asymptomatic Renal calculi.	Department of Ayurveda, AIIMS Raipur

Completed

S. No.	Project	Collaborating Department/Institution
1.	Computer Aided Detection of Breast Lesions: A Study On Different Imaging Modalities.	Dept of Biomedical Engineering, National Institute of Technology, Raipur.
2.	Stage based integrated management using Barcelona protocol versus conventional management of fetal growth restriction and perinatal outcome: A randomized controlled trial"	Department of Obstetrics &Gynaecology, AIIMS Raipur
3.	Comparison of oral Tamoxifen versus Centchroman in reducing the size of fibroadenoma in adolescent and middle aged ladies	Department of Gen Surgery, AIIMS Raipur
4.	Pilot Study-Clinical, pathological and radiological correlation of mandibular invasion in carcinoma oral cavity.	Department of ENT, AIIMS Raipur
5.	Corelation of Arthroscopy based femoral intercondylar notch dimensions in patients with anterior cruciate ligament insufficiency (ACL) with MRI based measurements and cadaveric measurements of intercondylar notch with intact anterior cruciate ligament.	Department of Orthopaedics, AIIMS Raipur

S. No.	Project	Collaborating Department/Institution
6.	Clinicoradiological correlation in chronic otitis media (COM) squamosal disease	Department of ENT, AIIMS Raipur
7.	Comparison of two different doses of intranasal dexmedetomidine for paediatric procedural sedation a prospective study	Department of Anaesthesia, AIIMS Raipur
8.	Application of Sydney system for lymph node cytology at a tertiary care centre in central India.	Department of Pathology, AIIMS Raipur
9.	Clinicopathological and immunohistochemical profile of CNS gliomas in tertiary care institute	Department of Pathology, AIIMS Raipur
10.	Expression of Estrogen receptor, Progesterone receptor and Programmed death ligand1 in Meningioma: An Immunohistochemical analysis.	Department of Pathology, AIIMS Raipur
11.	Application of Sydney system for lymph node cytology at a tertiary care centre in Central India.	Department of Pathology, AIIMS Raipur
12.	Clinico-radiological and intraoperative correlation of sino-nasal masses.	Department of ENT, AIIMS Raipur
13.	Corelation of Clinico-radiology-cytology with histopathology of thyroid nodule.	Department of ENT, AIIMS Raipur
14.	Comparison of mini percutaneous vs retrograde intrarenal surgery in renal stone less than 2 cm.	Department of Urology, AIIMS Raipur
15.	A comparative study between botulinum toxin type A vstendoachillis surgical tenotomy in the management of idiopathic clubfoot by Ponseti method". A randomized prospective interventional study.	Department of orthopaedics, AIIMS Raipur
16.	Prevalence Of Respiratory Dysfunction Amongst Cerebral Palsy Patients in A Tertiary Care Hospital Of Central India.	Department of Physical Medicine & Rehabilitation, AIIMS Raipur
17.	Positron Emission Tomography (PET) with Contrast Enhanced Computerized Tomography (CECT) versus CECT versus Magnetic Resonance Imaging (MRI) for Initial Evaluation of Oral Cancers - A Three Parallel Arm Randomized Control Trial and Meta-Analysis : ORCID - M Trial	Department of ENT, AIIMS Raipur
18.	Effect of body fat percentage on nonalcoholic fatty liver disease & its relation with nerve conduction parameters in health care shift workers-	Department of Physiology, AIIMS Raipur
19.	Deep Learning Based Corpus Callosum Segmentation and its Application in Detection of Diseases.	Dept of Electronics & Telecommunication, National Institute of Technology, Raipur.
20.	Spectrum of cardiac events in acute ischemic stroke – a Cross sectional study in a tertiary care centre.	Department of General Medicine, AIIMS Raipur
21.	Expression of VEGF and PDL-1 in epithelial ovarian carcinomas at a tertiary care centre in central India	Department of Pathology, AIIMS Raipur

S. No.	Project	Collaborating Department/Institution
22.	Study of Immunohistochemical expression of programmed death ligand 1 (PDL1) and isocitrate dehydrogenase 1 in gliomas.	Department of Pathology, AIIMS Raipur

PATIENT CARE

		Total number of cases
X-Ray		172251
Portable X-Ray		22322
USG	**General USG**	20030
	Doppler	4621
	ANC	4401
CT Scan	**General CT Scan**	29616
	Angiography	2157
MRI	**General MRI**	3657
	Special MRI (DTI, MRS, etc)	253
	Contrast MRI	1561
OPG		3877
Mammography		274
Contrast X ray procedure (MCU, RGU & Sinogram)		823
Image guided Interventional Radiology Procedure (DSA, CT Scan & USG)		1568
	MRI	505
Investigation Under anesthesia	**CT scan/DSA**	479
OPD		1301

PUBLICATIONS

1. Singh N, Pati SK, Bodhey NK, De S, Behera AK. A Retrospective Analysis of Chest Radiographic Patterns in Patients With COVID-19. Cureus. 2025 Feb 13;17(2):e78942.
2. Rao S, Rao S, Bodhey N, Soni N. Frontonasal Dysplasia: A Clinical Dilemma. J Maxillofac Oral Surg. 2025 Feb;24(1):74-77.
3. Arora RD, Aggarwal A, Nagarkar NM, Thangaraju P, Keche A, Bodhey NK, Prabha N. Arora-Nagarkar Prognostic Classification for Rhinocerebral Mucormycosis©: A Novel Prognostic Classification System. Indian J Otolaryngol Head Neck Surg. 2025 Jan;77(1):412-416.
4. Pati SK, Mondal K, Bodhey NK, Bagde N, Gupta RK, Shukla A. Role of Multiparametric MRI in the Preoperative Evaluation of Endometrial Carcinoma: A Cross-Sectional Study. Cureus. 2024 Jul 21;16(7):e65058.
5. Behera AK, Sharma P, Tg R, Kumar V, Pati SK, Sinha K. Real-World Clinical Profile and Safety of Nintedanib in Systemic Sclerosis-Associated Interstitial Lung Disease: A Subgroup Analysis of Interstitial Lung Disease Data From an Interstitial Lung Disease (ILD) Specialty Clinic in India. Cureus. 2024;16(7):e65579.
6. Kumar M, Singh P, Kumari P. Intra-articular Chondroma of the wrist: Imaging features of a rare salient entity. IMAGING 2024;2:122–123.

AWARDS, HONOURS AND SIGNIFICANT EVENTS

1. **Dr. Narendra Bodhey:**

- **Organising secretary** of Cardiac Imaging Update - Basics to advances : Mid Term National CME of the Indian Association of Cardiac Imaging , held at AIIMS Raipur on 23rd March 2025.
- Chaired a session on **Detection and treatment of early and advanced Lymphoma** at the ***Lymphoma Insights: Shaping the future of Treatment*** - A State Level conference on Diagnosis and Management of Lymphoma at AIIMS Raipur on 18th March 2025
- **Chairperson** Imaging in Gynaecological disorders. **AOCR AND 77TH Annual conference of IRIA at Chennai.23-26 JAN 2025**
- **Central Council Member** from the state of Chhattisgarh for Indian Radiology and Imaging Association (IRIA) for the year 2025.
- PhD Supervisor for the ICMR DHR young Faculty PhD at AIIMS Raipur.
- Guide/Supervisor for the PhD projects at NIT Raipur.
- Member of the technical Steering committee of the Multicentre Trial on effect of Colchicine on Post covid patients.
- Member of the Departmental Academic Committee of the Dept of Biomedical Engineering, National Institute of Technology, Raipur.
- Reviewer on the American Journal of Roentgenology, Indian Journal of Radiology and Imaging, Annals of Cardiac Anaesthesia, South African Journal of Radiology.
- Faculty for M.Tech Biomedical Engineering in collaboration with IIT Bhilai.

2. **Dr Saroj Kumar Pati**

- Chaired a scientific session in Pulmonary Medicine update-2025,by Dept of Pulmonary Medicine, AIIMS Raipur, Raipur, 8th&9th March 2025
- Chaired a scientific session in Cardiac imaging update- basic to advances midterm CME by Dept of Radiodiagnosis, AIIMS Raipur, Raipur 23rd March 2025

3. **Dr. Manish Kumar**

- Chaired a scientific session in MSS-2024 CME organized by Muskuloskeletal Society of India on 17th August 2024
- Chaired a scientific session in FETOGYAN 2024, CME organized by Society of fetal medicine Chhattisgarh state chapter on 04th August 2024
- Chaired a scientific session in Cardiac imaging update- basic to advances midterm CME by Dept of Radiodiagnosis, AIIMS Raipur, Raipur 23rd March 2025

4. **Dr. Richa Singh Chauhan –**

- 1st Neuroradiologist in all the Developing Countries and 1st Indian to receive the ASPNR-ASNR (American Society of PediatricNeuroRadiology- American Society of NeuroRadiology) Research Grant Award.
- One of the four awardees of theDHR-ICMR Young Medical Faculty PhD Program Research Grant 2024 in AIIMS Raipur
- Received IRIA research Grant Award 2024
- Elected as Joint Secretary of Chhattisgarh Chapter of Indian Radiology and Imaging Association (IRIA) for the year 2025.
- Chairman of the Scientific Committee of the National-Level IRIA Resident Education Program (IREP) 2024
- Joint Secretary of Chhattisgarh Chapter of Indian Radiology and Imaging Association (IRIA) for the year 2025.
- Reviewer of scientific Journals:Indian Journal of Radiology and Imaging – IJRI , Cureus,Actaradiologica–

5. **Dr. Nihar Kathrani –**

- Executive Committee (EC) member of national body of Indian Society of Neuroradiology for the year 2025
- State Council Member of State Chapter (CG) of Indian Radiology and Imaging Association (IRIA) for the year 2025
- Reviewer of scientific Journals: Indian Journal of Radiology and Imaging – IJRI , Journal of Medical Imaging and Radiation Oncology (JMIRO)

VISITING SCIENTIST(S)

1. Guest Lecture by Dr Hetal Marfatia, Professor & HOD ENT, Seth GS Medical College & KEM Hospital, Mumbai, on 14 Oct 2024 on "Otology-Basics and beyond".
2. Guest lecture by Jodie Oakley, Clinical Educator for surgery and implants for Asia Pacific region on 14 Oct 2024 on "Understanding SmartNav".
3. Guest Lecture by Dr Hitesh Verma, Associate Professor, AIIMS Delhi, on 18 Dec 24, " Juvenile Nasopharyngeal Angifibroma".

OTHERS

COPYRIGHT

1. Copyright on "Chakravarty-Mehta Classification system for patterns of Skull-base involvement in Invasive Fungal Rhinosinusitis" Dr. Sharmistha Chakravarty, Dr. Rupa Mehta (Registration No. L-155570/2024 dated 22.10.2024)
2. Copyright on "Assessment of Postural Balance and Vestibular Function in adults with Chronic Otitis Media using Dynamic Posturography and Rotary chair Test as a diagnostic tool" Dr. Sharmistha Chakravarty, Dr. Unnati Dhabarde, Dr. Renu Rajguru (Registration No. L-162253/2025 dated 06.03.2025)



PICTURE: After inauguration of the first ever cardiac imaging CME at AIIMS Raipur

Department of Radiation Oncology

Professor & Head
Dr. Siddhartha Nanda
Associate Professor
Dr. Papuji Meher (Joined since 31.12.2024)

HIGHLIGHTS

The department of Radiation Oncology is committed to providing top-notch care for cancer patients using the latest technology and equipment. Led by a highly qualified and experienced team of Radiation Oncologists, Medical Physicists, and Radiation Therapy Technologists, the department offers a wide range of radiotherapy treatments, including radical, adjuvant, and palliative therapies, with or without concurrent chemotherapy, as determined by each patient's unique needs.The department takes pride in utilizing state-of-the-art equipment to deliver precise doses of radiation to the tumor while minimizing damage to surrounding healthy tissue. This includes the Elekta Versa HD LINAC, Monaco treatment planning system, Ir-192 based HDR microselectron brachytherapy unit, GE CT Simulator, and Oncentra contouring workstation with brachytherapy planning. One of the major academic achievements is that the first batch of ADRT students have passed the final exam and joined as interns. Through its commitment to advanced technology and a highly skilled team, the Department of Radiation Oncology strives to provide the best possible outcomes for cancer patients

EDUCATION

1. MD Radiation Oncology*
2. Advanced Diploma in Radiotherapy Technology (ADRT)

* PAPER PRESENTATION AND ACHIVEMENTS BY JRs

S. No.	Title	CME/Conference	Date	Organized by
1.	Dr. Swaroopa M Rath PG JR stood 2nd in online poster presentation	International Clinical Trialists Day	20.05. 2024	ICTD-ISCR
2.	Dr. Simran PG JR won first prize in poster making competition	National Pharmacovigilance week held at AIIMS, Raipur	23.09. 2024	AIIMS, Raipur
3.	Dr. Amitima Mehta PG JR won second prize for oral paper presentation	AROI-MPCG State conference-2024 at AIIMS, Bhopal	08.12. 2025	AIIMS, Bhopal

Academic Development

Postgraduate students: Our post graduate students receive extensive hands-on training and education in a wide range of radiation therapy techniques, including contouring, CT simulation, 3D conformal radiotherapy (3DCRT), Intensity Modulated Radiotherapy (IMRT), Image Guided Radiotherapy (IGRT), Volumetric Arc Therapy (VMAT), and brachytherapy.

Peripheral Posting: PG Students from other departments like Obs&Gyn are posted for 15 days to acquire knowledge about management of gynecological malignancies. In the meantime, they are given opportunity to observe the brachytherapy and teletherapy for gynecological cancers.

ADRT: Specialized training of technologists with respect to advanced radiotherapy techniques. During their course they are exposed to various work skills related to EBRT techniques like IMRT, VMAT, stereotaxy so also brachytherapy. The 2nd year ADRT exam was conducted in the department on 14.10.2024. Two of the students have passed final year and are now continuing as intern.

Nursing students: During their postings, nursing students are given an introduction to the basics of oncology, and we provide practical training on the preparation and delivery of cytotoxic chemotherapy agents to patients with various malignancies. They are also being given the basic information about external beam radiotherapy and brachytherapy. They observe the brachytherapy procedure and treatment.

LECTURES DELIVERED AT CMEs, NATIONAL & INTERNATIONAL CONFERENCES

Dr. Siddhartha Nanda

S. No.	Title	CME/Conference	Date	Organized by
1.	Radiation therapy in Oral Cavity	Head & Neck Cancer Awareness month	20.04. 2025	Dept of ENTAIIMS, Raipur
2.	Tobacco related Oral Cancers: From Habit to Hazard	Cancer Awareness programme for Plant executive and workers (Social outreach programme)	09.09. 2024	Jaiswal NEECO Steel Plant
3.	Recent Advancements in Radiation Oncology	World Cancer Day State Conference	14.02. 2025	College of Nursing. AIIMS, Raipur
4.	Ongoing/Future Head & Neck Cancer Research & Proposal for research collaboration	Second AIIMS Oncology Conclave (AOC-2025)	16.02. 2025	Multi departmental NCI Jajjhar
5.	Cancer Screening	HI-PEC expo and Summit	10.03. 2025	BALCO Medical Centre, Raipur

Dr. Papuji Meher

S. No.	Title	CME/Conference	Date	Organized by
1.	Management of Carcinoma Vulva	AROI-MPCG State Conference	07.12. 2024	Department of Radiation Oncology, AIIMS, Bhopal

ORAL PAPERS/POSTERS PRESENTED

S. No.	Authors	Title	Conference	Date	Organised by
1.	Simran, Nanda S, Meher P, Mishra SS, Parihar A, Dhakar M.	Observational study based on interfractional urinary bladder filling variations during image-guided radiotherapy in cervical cancer.	66th ASTRO Annual Meet	27.09 - 02.10. 2024	American Society for Radiation Oncology (ASTRO)
2.	Simran, Nanda S, Meher P, Ahirwar M	Association of lymphovascular invasion with tumor biology and clinical outcomes in oral cavity cancer	ESTRO meets Asia Annual Congress	13-25.08. 2024	ESTRO-FARO
3.	Mishra SS, Nanda S	Be what you want to be “An easy way to decrease apprehension in children receiving cranial irradiation”	ESTRO meets Asia Annual Congress	13-25.08. 2024	ESTRO-FARO
4.	Nanda S, Rath S M, Meher P	Mapping Disparities in Cervical Cancer Care: Epidemiological Trends and Treatment Timelines Across Districts in Chhattisgarh	YROC-2025	25.01. 2025	Meenaxi Mission Hospital and Research Centre Hospital, Madurai
5.	Nanda S, Meher P, Mehta A	Clinical profile and outcomes of Ewing's sarcoma treated with radiotherapy: A tertiary healthcare centre experience from central India	AROI-MPCG State Conference	08.12. 2024	Department of Radiation Oncology, AIIMS, Bhopal

RESEARCH

Funded Project

Completed

S. No.	Project	Principal Investigator	Funding Agency	Duration (years)	Start year-End year	Total funds sanctioned (Rs.)
1.	An open label, single arm, multicenter, prospective study to evaluate Safety and effectiveness of Akynzeo® I.V. [Fosnetupitant 235 mg and Palonosetron 0.25 mg (concentrate for solution for infusion)], in the Prevention of chemotherapy induced nausea and vomiting (CINV) in Indian patients (STOP CINV study).	Dr Siddhratha Nanda	Glenmark Pvt. Ltd	1 Years	24.04. 2023 - 24.05. 2024	2,64,000 INR GST Included

Departmental Projects – Non-Funded Projects/ ICMR-STS Projects/ Thesis/Dissertations

Ongoing

S. No.	Project
1.	Assessing the Effectiveness of Hypofractionated Radiotherapy in High Grade Glioma: A Prospective Study
2.	Efficacy of photobiomodulation(Low level Laser therapy) for management of radiation induced mucositis in carcinoma oral cavity patients: An open lebel prospective randomized controlled trial
3.	Association between Parotid Scintigraphy Parameters and Degree of Xerostomia in Head and Neck Cancer Patients receiving Parotid-sparing Volumetric Modulated Arc Therapy: a pilot study
4.	Title of the study – Association of dose to cochlea with sensorineural hearing loss in patients of Head and Neck cancer receiving radiotherapy: A prospective observational study
5.	Study of expression of p16, its correlation with the presence of high risk human papilloma virus (HR-HPV) DNA and their association with outcomes in penile carcinoma
6.	Expression of Programmed Cell Death Ligand (PD-LI) and Presence of CD8- Positive T Cells in Pre treatment Specimens of Cervical Carcinoma
7.	Study of immunohistochemical expression of α-smooth muscle actin (α-SMA) and chemokine ligand 8 (CXCL 8) in cancer-associated fibroblasts (CAF) of squamous cell carcinoma of oral cavity, its association with clinicopathological parameters and survival outcomes at a tertiary care centre in India
8.	Immunohistochemical Expression of Moesin and Ezrin in Endometrial Carcinoma at Tertiary care centre in Chhattisgarh'
9.	Study of immunohistochemical (IHC) expression of Galectin -3 (Gal-3) and Mucin1 (MUC-1) in tumor and tumour-associated stromal cells of invasive carcinoma of breast and its association with clinicopathological parameters at a tertiary care center in India.

Completed

S. No.	Project
1.	Patterns of tobacco consumption in patients of head and neck cancer attending a tertiary care center in Central India

Collaborative Projects

Ongoing

S. No.	Project	Collaborating Department/Institution
1.	Hospital Based Cancer Registry, AIIMS, Raipur	NCDIR, Bangalore and Department of Pathology, AIIMS Raipur
2.	TNBC: IHC based Genomic Profiling and Correlation with the Histomorphology and Outcome	Department of Pathology, AIIMS, Raipur
3.	Bio-Pertuz-301 study	Department of Medical Oncology, AIIMS, Raipur
4.	A Phase II/III randomized trial evaluating omission of radiotherapy to regional lymphatics in pN0/pN1 neck for Oral Cavity carcinomas	NCI, Jajjhar, AIIMS, New Delhi
5.	A Prospective, Multicentre, Open label, Phase-IV, Interventional Study to access the safety and efficacy of Capmatinib in Indian Patients with Mesenchymal epithelial Transition(MET) exon 14 Skipping mutation positive advanced Non-Small Cell lung cancer(NSCLC)	Department of Medical Oncology, AIIMS, Raipur

PUBLICATIONS

1. Rath SM, Nanda S, Meher P. et al. Unmasking Sweet Syndrome in Association with Cervical Carcinoma: A Unique Clinical Encounter. Indian J Gynecol Oncolog 2024:22: 44.
2. Simran, Nanda S, Meher P, Mishra SS, Parihar A, Dhakar M. Observational study based on interfractional urinary bladder filling variations during image-guided radiotherapy in cervical cancer. Int J Radiat Oncol Biol Phys. 2024;120:E92
3. Simran, Nanda S, Meher P, Ahirwar MK. Association of lymphovascular invasion with tumor biology and clinical outcomes in oral cavity cancer. Radiother Oncol. 2024;197:S183-4
4. Gupta RK, Singh A, Nanda S, Mohanty D, Kashyap Y. "Triple Negative Breast Cancer: Immunohistochemistry-Based Sub-Classification and Correlation with Clinico-Demographic Profile and Survival in Indian Patients." Indian Journal of Surgical Oncology 2024
5. Mishra SS, Nanda S. Be what you want to be: an easy way to decrease apprehension in children receiving cranial radiation. Radiotherapy and Oncology 2024; 197: S353-S355.
6. Mehta A, Nanda S, Meher P. et al. Cutaneous Vulval Metastasis in Cervical Cancer: A Clinical Masquerade. Indian J Gynecol Oncolog 2025; 23(1): 33.
7. Barkate HB, Pednekar A, Shukla P, Valame S, Nanda S, Hanji A, et al. An Indian real-world experience of intravenous fosnetupitant-palonosetron (IV NEPA) in preventing delayed and extended delayed CINV.JCO 2024; 42: 12070
8. Gupta S, Gupta M, Goyal B, Yadav SRM, Mirza AA, Gupta A, Rao S, Kumari K, Nanda S, Kotru M.

Expression of Survivin, CK7, ASH1, HMGB3, L587S, and CLCA2 in Peripheral Blood of Lung Cancer Patients by Real-Time Polymerase Chain Reaction. Cureus. 2024 Jul 12;16(7):e64386.

9. Rangshahi K, Nanda S, Gurunthalingam MP, Katiyara V, Thangaraju P, Gaikwad NR. Hand Foot Syndrome Induced by Lenvatinib - A Case Report. Curr Drug Saf. 2025;20(2):224-228.

PATIENT CARE

OPD	Day Care	Brachytherapy Minor OT
8759	2388	727

EXTERNAL BEAM details	
New Patients for 2024-25	675
Number of Moulds prepared	308
Number of CT Simulations	1224
Total fractions delivered	15361

AWARDS, HONOURS AND SIGNIFICANT EVENTS

1. Mr Arun Medical Physicist attended SRS training programme at AIIMS, Bhopal on 04-06.02.2025
2. Professor Dr S Nanda was Judge for Oral Presentations at International Congress on frontiers on Uro-concology and uropathology held at Bhubaneswar Odisha 10-12.01.2025 organised by AIIMS, Bhubaneswar
3. Dr PapujiMeher was a Judge for Oral paper Presentations on AROI-MPCG State Conference organized by AIIMS, Bhopal on 07 & 08.12.2024
4. Professor Dr S Nanda Participated and represented AIIMS Raipur for the data review meeting of HBCR of NCDIR(ICMR) as a coinvestigator held at GMC Bhopal on 16.01.2025
5. Professor Dr S Nanda: As an Expert commentor for debate on Bladder Preservation strategies in Bladder Cancer- "Combined modality treatment is preferred over radical cystectomy in locally advanced bladder Cancer"at the International Congress on frontiers on Uro-concology and uropathology held at Bhubaneswar Odisha 10-12.01.2025 organised by AIIMS, Bhubaneswar
6. Dr Siddhartha Nanda, Professor and Head invited as Panelists on the topic "Role of PET CT in staging & response evaluation in Lymphoma" on State Level Conference on ***Diagnosis and Management of Lymphoma*** organized by Department of Medical Oncology and Clinical Hematology, AIIMS, Raipur on date-18.03.2025.

Department of Transfusion Medicine & Blood Bank

Professor & Head
Dr. Sankalp Sharma
Additional Professors
Dr. Ramesh Chandrakar
Dr. Minal Wasnik
Blood Transfusion Officer
Dr. Dhananjay Prasad Sahu

HIGHLIGHTS

The department organized numerous in-house &out-door voluntary blood donation camps in collaboration with various Government and non-government organizations, and educational institutions like National Institute of Technology (NIT), IIT Bhilai, MATS University, etc.

Annual blood donation at AIIMS Raipur also has increased. The department is providing leuco-depleted products for the hematology/ oncology and other patients in need of such products. Department apart from specialized apheresis services such as Single Donor Platelets (SDP) and therapeutic apheresis also started specialized point of care investigations such as thromboelastogram for emergency transfusions of coagulopathic patients. The department has acquired institutional approval for mandatory Sickle cell disease screening of all blood donors to prevent blood donations by Sickle cell disease patients.

EDUCATION

- Four Post Graduate Residents passed out MD (Transfusion Medicine) Examination in 2024-25.
- One batch of BSc (MLT) has passed out from the department in 2024-25.

LECTURES DELIVERED AT CMEs, NATIONAL & INTERNATIONAL CONFERENCES

Dr. Sankalp Sharma

S. No.	Title	CME/Conference	Date	Organized by
1.	How to prepare PRP - Workshop Presentation	Conference workshop Association of Cardiac Imaging	10.01.2025	CGIOACON 2025
2.	Workshop "Apheresis techniques & its clinical applications"	Chhattisgarh Hematology Association: 1st Annual Conference workshop	12.04.2024	Chhattisgarh Hematology Association

Dr. Minal Wasnik

S. No.	Title	CME/Conference	Date	Organized by
1.	Roles and responsibilities of Blood Centre Staff in retention of Voluntary donors	National Conclave on Blood centre Practices and Transfusion Medicine, Kochi, Kerala	05-06.02. 2025	CGIOACON 2025
2.	Neonatal Transfusion Therapy	Transfusion Update and HEMOFUSION 2024	15-16.06. 2024	Jawahar Lal Nehru Hospital & Research centre, Bhilai

ORAL PAPERS/POSTERS PRESENTED

S. No.	Authors	Title	Conference	Date	Organised by
1.	Sharma S	Oral Presentation: Integrating Clinical Features and Genetic Factors with Blood Component use in Acute Leukemia	Haematocon 2024, Nagpur	07-10.11. 2024	Indian society of haematology and blood transfusion (ISHBT)
2.	Wasnik M.	Poster: Analysis of reasons for non-donation & role of awareness program for donor motivation in young adults	49th Annual Conference of Indian Society of Blood Transfusion and Immunohaematology (ISBTI), TRANSCON 2024, Ahmadabad, Gujarat	21-23.11.2024	Indian Society of Blood Transfusion and Immunohaematology (ISBTI), Gujarat Chapter
3.	Patel R, Wasnik M	Poster: Adverse reaction rates and risk evaluation in plateletpheresis donors: emphasizing donor wellbeing at a tertiary care centre	Transmedcon 2024, 12th Annual National Conference of ISTM, Mahabalipuram	26-29.09.2024	Department of Medicine, AIIMS Raipur.
4.	Vijay N, Wasnik M, Sharma S	Poster- A case report on the identification of Weak A subgroup while resolving ABO discrepancy of a healthy donor.	ISTM CME 2024, Trivandrum	11-12.07.2024	Indian Society of Transfusion Medicine
5.	Vijay N, Sharma S	Poster- Understanding motivating and deterring factors of blood donation physical and mental changes post donation and donors' intention to return	Transmedcon 2024, 12th Annual National Conference of ISTM, Mahabalipuram	26-29.09.2024	Indian Society of Transfusion Medicine

S. No.	Authors	Title	Conference	Date	Organised by
6.	Vijayan A, Chandrakar R	Poster-Seroprevalence and Trends of Transfusion Transmitted Infections Among Blood Donors in A Tertiary Care Centre in Central India	ISTM CME 2024, Trivandrum	11-12.07.2024	Indian Society of Transfusion Medicine
7.	Vijayan A, Chandrakar R	Poster-Risk Factors in Transfusion Transmitted Infection (TTI) reactive donors elicited during post donation counselling	Transmedcon 2024, 12th Annual National Conference of ISTM, Mahabalipuram	26-29.09.2024	Indian Society of Transfusion Medicine
8.	Singh V, Sharma S	Oral presentation: Evaluation of Donor parameters and their relation with platelet yield and collection efficiency in plateletpheresis at blood centre in a tertiary care hospital	ISTM CME 2024, Trivandrum	11-12.07.2024	Indian Society of Transfusion Medicine
9.	Maheswaran A, Wasnik M	Poster-Collection and utilization of RhD negative donor red cell units: Analysis at a blood centre in a Tertiary care hospital	ISTM CME 2024, Trivandrum	11-12.07.2024	Indian Society of Transfusion Medicine

RESEARCH
Funded Project
Ongoing

S. No.	Project	Principal Investigator	Funding Agency	Duration (years)	Start year-End year	Total funds sanctioned (Rs.)
1.	An analysis of Leukapheresis as a prophylactic modality of therapy for 'Tumor Lysis Syndrome' compared to conventional management: A pilot open labelled Randomized control trial	Dr Sankalp Sharma	AIIMS Raipur	3Years	2023	500000

Departmental Projects – Non-Funded Projects/ ICMR-STS Projects/ Thesis/Dissertations

Ongoing

S. No.	Project
1.	Role of patient blood management checklist in improvement of patient specific objectives
2.	An assessment of submitted thesis protocol of postgraduate residents with published protocol template for shortlisting strategies to improve technical expertise of submitted research
3.	Effect of blood donation on cardiac autonomic response in young male donors: A pilot study
4.	Prevalence of blood group antigens & frequency of blood group antibody formation in antenatal women in Central India
5.	Prevalence of Clinically Significant Minor Blood Group Antigens in VoluntaryBlood Donors for creation of Red Cell matched inventory at a Tertiary Care Teaching Hospital- a Prospective Observational Pilot study
6.	A Cross-Sectional Study of Prevalance of High Titred Anti-A, Anti-B Titres In O Blood Group Donors and Associated Factors in AIIMS Raipur
7.	A comparison of post-transfusion platelet parameters of washed single donor apheresis platelets compared to single donor apheresis platelets in plasma and random donor platelets in plasma, in patients with hematological malignancies- A prospective observational study
8.	Analysis of Discard Rates of Blood and Blood Components as a Quality Indicator to Improve the Blood Transfusion Services at Blood Centre, AIIMS Raipur-An Observational Ambispective Study
9.	Assessment of coagulation screening tests and coagulation factors of fresh frozen plasma with respect to site of collection (in house or outdoor)- A Prospective Observational study
10.	To study Hemoglobin threshold for Red Cell Concentrate transfusions among perinatal women - A single centre observational study
11.	Comparative Analysis of Pre- Donation Haemoglobin Screening Methodologies for Blood Donors in a Hospital Based Blood Centre
12.	Study of Impact of Therapeutic Phlebotomy in Polycythaemia on Laboratory and ClinicalParameters At AIIMS Raipur

Completed

S. No.	Project
1.	A prospective study on acute adverse reactions following transfusion of blood and blood products at AIIMS Raipur.
2.	A prospective study on evaluation of iron stores in regular blood donors by serum ferritin in AIIMS Raipur.
3.	Factors influencing donor motivation and overall satisfaction to blood donation process in a tertiary care hospital
4.	Association of Transfusion Transmitted Infection reactivity among blood donors with ABO and Rh blood group system

Collaborative Projects
Ongoing

S. No.	Project	Collaborating Department/Institution
1.	An assessment of submitted thesis protocol of postgraduate residents with published Protocol Template towards shortlisting strategies to improve technical expertise of submitted research.	Department of Biochemistry, AIIMS Raipur
2.	Role of patient blood management checklist in improvement of patient specific objectives	Department of Gynecology and Obstetrics, Trauma and Emergency, Surgery and General Medicine, AIIMS Raipur
3.	A Cross-Sectional Pilot Study on Variation in Cardiac Autonomic Response in Different ABO Blood Groups among Young Adults	Department of Physiology, AIIMS Raipur
4.	Incidence of Severe Anemia Requiring Blood Transfusion in Children with Malignancies Undergoing Intensive Phase of Chemotherapy	Department of Pediatrics, AIIMS Raipur

PUBLICATIONS

1. **Sharma S,** Patel S**, Pandit V**, Tirunelvely N, Jondhale S, Patel M, et al. To Estimate the Coagulopathy Potential of Packed RBC Transfusions in Multi-Transfused Patients: A Prospective Cohort Study. Indian Journal of Hematology and Blood Transfusion. 2025;x: 1-9.
2. **Sharma, S**., & Padhi, P. Pediatric demographic association with hospital mortality in platelets- and plasma-transfused young pediatric patients – a mixed cohort study. Egyptian Pediatric Association Gazette 2024; 72(1): 64.
3. **Wasnik M**, Kashyap NK. A survey on the preexisting knowledge, attitude, and practice of blood donation among medical students at entry level: A cross-sectional study. Glob J Transfus Med 2024; 9:41-4.
4. **Wasnik M,** Lahare S, Chandrakar R, Kashyap NK. A Study of A1 and A2 Subtypes Among Whole-Blood Donors With Blood Groups A and AB at the Blood Center of a Tertiary Care Institute in Chhattisgarh. Cureus. 2024; 16(3):e57013.
5. Kashyap NK, Mehsare P, Saurabh GK, Chakraborty N, Singha S, **Wasnik M**, Jain S. Clinical experience with the miltonia valve: short-term performance of new bi-leaflet mechanical prosthesis in mitral valve replacement surgery. Indian J Thorac Cardiovasc Surg. 2025; 41(4):420-425.

PATIENT CARE

Patient care in number of Blood units issued:	Number of Blood Donations	Number of Voluntary Blood Donation Camps:	Number of PRP and PRF issued	Number of Therapeutic Phlebotomy performed	Apheresis (SDP + TPE +LA)	Transfusion Transmitted Infection Screening
30511	11494	22	58	120	66+ 4+ 1	11,565

AWARDS, HONOURS AND SIGNIFICANT EVENTS

1. Dr. Minal Wasnik received **'Best Poster Presentation'** award in the category: Blood Donation and Donor Apheresis at the 49th Annual National Conference of Indian Society of Blood Transfusion and Immunohaematology (ISBTI) held on 21st - 23rd November 2024 at Gujarat.
2. Dr. Minal Wasnik chaired a session at National Conclave on Blood Centre Practices and Transfusion Medicine held on to 5th-6th February 2025 by National Blood Transfusion Council (NBTC) and Kerala State Blood Transfusion Council at Kochi, Kerala.
3. Dr Ramesh Chandrakar chaired two sessions at Chhattisgarh Haematology Association: 1st annual conference held on 12th April, 2024 at Raipur.
4. **World blood donor day 2024** was celebrated on 14th June 2024 by felicitating Voluntary Blood Donation camp organizers and voluntary blood donors. The Department organized a poster-making competition for the staff and students.The department achieved **institutional approval** for **free OPD cards to be issued to blood donors** against donor certificates and **screening for alloantibodies in all blood donors and patients at AIIMS Raipur by a commercial 3 cell panel**.

Department of Trauma and Emergency

Professor & Head
Dr. Debendra Tripathy
Associate Professors
Dr. Chandan K Dey
Dr. Varun Anand
Dr. Santosh K Rathia
Assistant Professors
Dr. Naman Agrawal
Dr. Pallavi Shende
Dr. Roshan Mathew

HIGHLIGHTS

Notable Achievements of the Department

During the academic block year 2024–25, the Department of Trauma and Emergency Medicine at AIIMS Raipur functioned with a dynamic team comprising one Professor, three Associate Professors, and three Assistant Professors. The department made several noteworthy contributions in clinical care, academic development, research, innovation, and national-level recognition. Key highlights include:

- Prof. Debendra Kumar Tripathy served as Chairperson and Dr. Naman Agrawal as Member of the SRIJAN Innovation and AI Committee, aimed at establishing a robust framework for innovation and AI-based research at AIIMS Raipur.
- Prof. Tripathy also led as Head of SRIJAN, Chairperson of the Patient Safety Committee, and Institutional Coordinator for the collaborative M.Tech. program in Instrumentation and Biomedical Engineering with IIT Bhilai.
- Prof. Debendra Kumar Tripathy functioned as the Organizing Chairperson for several major academic events including the Hybrid CME on Patient Safety, ACES 2025, and CME during Emergency Medicine Day.
- Prof. Debendra Kumar Tripathy and Dr. Chandan Kumar Dey were honored by the Chief Minister's Office for their outstanding contributions to road safety initiatives.
- Prof. Tripathy received the prestigious **Dr. Keshav Baliram Hedgewar Aarogya Shri Award (June 2024)**for the AYUSH-TECH initiative (a collaborative project between AIIMS Raipur and IIT Bhilai), which developed an AI-powered Clinical Decision Support System for STEMI care in remote regions. The award was presented at the Future of Healthcare Forum, India International Center Annexe, New Delhi.
- Dr. Naman Agrawal was appointed as the Nodal Officer for **BHISHM Cubes**, enhancing disaster response infrastructure at the Institute.
- The department is successfully running the MD Emergency Medicine program, along with the DM

in Medical and Forensic Toxicology in collaboration with the Department of Forensic Medicine, and the DM in Pediatric Emergency Medicine in collaboration with the Department of Pediatrics

- Successfully initiated the **DM course in Trauma Anesthesia and Critical Care**, leveraging the hospital's largest ICU (17 beds), directly connected to the trauma floor for rapid patient access and critical care.
- Two batches of the **DM (Pediatric Emergency Medicine)** program successfully completed training. Faculty from Trauma & Emergency and Pediatrics departments serve as official instructors in this super-specialty course.
- iECS platform lunched , an updated and structured ER documentation system, now digitalized under pilot mode, to streamline in-house data generation for non-admitted emergency patients.
- Strengthened the Emergency Nurse Coordinator (ENC) and patient information desk, significantly reducing response time and improving interdepartmental emergency support.
- Regular training on **triage protocols** was imparted to nursing staff and junior residents.
- Emergency Medicine residents were trained in advanced invasive procedures including percutaneous tracheostomy, ICD insertion, pericardiocentesis, central line insertion, e-FAST, and other point-of-care ultrasound (POCUS) techniques.
- A total of **47,073 patients** were provided emergency care in 2024–25.
- The department conducted **2,773 emergency/trauma surgeries** in the designated operation theaters.
- **1,289 point-of-care ultrasounds** were performed as part of real-time clinical decision-making in trauma and emergency cases.
- A patent was filed with the Government of India for the **"Hospital Monitoring Robotic Device"**, developed by Dr. Chandan K Dey, Dr. Santosh K Rathia, and Dr. Varun Anand

EDUCATION

1. The department has conducted **03 training/workshops on Basic ECG, Airway management, and Disaster management** for MBBS students of AIIMS and other medical colleges during the annual fest **ORIANA, 2024** between 14th -17th of November 2024 as coordinator/co-organizing secretary.

2. Professor Debendra Kumar Tripathy, Dr Naman Agrawal and Dr Roshan Mathew are members of the Institute Research Cell and information technology committee.

3. The department has conducted third **national conference 'Annual Cardiovascular Emergencies Symposium' (ACES-25) o**n 8-9**March 2025** and invited international and national speakers and a workshop in Gamified ECG workshop was also conducted on the third day.

4. The department had conducted the first of its own kind **ECHO workshop on TTE and TEE** on 7th of March, 2025 as preconference workshop at simulation lab, AIIMS Raipur.
5. Doing fellowship in **"Pediatric Acute Care, Trauma and Toxicology"** under a distant learning program of ECMS Australia, and Indian Society of Pediatric Trauma (Dr. Varun Anand & Dr. Santosh K Rathia).

6. Concept and importance of triaging and intubation taught to junior residents, interns and undergraduates.

7. Dr. Santosh K Rathia obtained **special training in Cochrane (Systematic review & Meta-analysis) Protocol Development Workshop** at KGMU, Lucknow on 29 Nov – 01 December, 2024.

8. Dr. Chandan Kumar Dey and Dr. Santosh K Rathia participated in a **national workshop on Systematic review & Meta-analysis** conducted by research cell, at AIIMS Raipur on 28-29 March, 2025.

9. Dr. Santosh K Rathia is an e**xecutive member of central zone for IAP-PEM chapter in 2022-2025** (under Indian Academy of Pediatrics), after getting a fellowship in PEM (from Academic College of Emeregncy Experts i.e. ACEE under Indo-US EM collaboration).

10. Dr. Chandan Kumar Dey and Dr. Santosh Kumar Rathia joined as **resource faculty on a training course 'Accident management and Trauma care' under "Road safety" initiative by MoRTH**, GoI on 27 March, 2025 from the department of Trauma & Emergency.

11. Dr. Santosh Kumar Rathia attended **Central Zone CG PEDICON** at Raipur **as faculty/moderator** for session on molecular diagnosis in **Pediatrics on 30-31 August, 2024** and also **presented a research paper** on role of E-USE (Emergency - Utrasound to diagnose shock-Etiology).

12. Dr. Santosh Kumar Rathia j**oined NAPEM-2025 (National PEM Conference at Trivandrum, Kerala, on 1-3 March, 2025) as workshop faculty and a guest speaker** (topic – paediatric stroke and mimics).

13. Dr. Santosh Kumar Rathia is member of Departmental **Promotion Committee for promotion of NOs**, institutional 'Oxygen stewardship committee', Hospital **Committee on Community HO-CPR**, **Hospital Cleanliness committee,** and committee on **'Scholarship schemes for students'** at AIIMS Raipur.

14. Dr. Naman Agrawal is course faculty in National Emergency Medicine Board Review in India Course (NEMBRIC) held at AIIMS Raipur from 17th to 21st February 2025 for topics: Emergency ECGs, Gastrointestinal emergencies, musculoskeletal emergencies.

15. Dr. Naman Agrawal was designated as the scientific organizing secretary for the National Conference in Emergency Medicine, EMINDIA2024 to be held in August 2024 in Bhopal.

16. Dr. Naman Agrawal organized the National Emergency Medicine undergraduate Quiz (EM-iQ) as a part of the National conference in Emergency Medicine, EMINDIA2023, held in AIIMS Bhopal.

17. Dr. Naman Agrawal is **national trainer** on the online Emergency Medicine training Platform: EM Gurukul and national NBE trainer on various emergency medicine topics.

18. Dr. Varun Anand and Dr. Santosh K Rathia are national faculty of IAP-ALS (Pediatrics) and BLS course.

19. Dr. Varun Anand and Dr. Santosh K Rathia were organizing secretary for a national CME cum ACEE-PEM fellowship Board Review course (EMPART-2024 & EM-36) on 19-21 April, 2024 at AIIMS Raipur, including a Paediatric focused workshop.

CMEs/WORKSHOP/SYMPOSIA/NATIONAL & INTERNATIONAL CONFERENCES

S. No.	Title	CME/Conference	Date	Organized by
1.	Emergency Medicine Day Celebration (CME on Environmental Emergencies)	CME	27.05.2024	T&E, AIIMS Raipur
2.	ASSET module: essential emergency management for security personnel	National Workshop	10-11.07.2024	T&E, AIIMS Raipur
3.	ECHO workshop on TTE and TEE	National Workshop	07.07.2025	T&E, AIIMS Raipur
4.	Annual Cardiovascular Emergencies Symposium	National CME cum Workshop	08-09.03.2025	T&E, AIIMS Raipur

LECTURES DELIVERED AT CMEs, NATIONAL & INTERNATIONAL CONFERENCES

S. No.	Title	Faculty Name	CME/Conference	Date	Organized by
1.	USG Knobology and Basics of USG-Guided Procedures	Dr. D. K. Tripathy	ABUGRA 2024	July 2024	AIIMS Bhopal
2.	USG-Guided Paravertebral & Erector Spinae Block and USG-Guided Quadratus Lumborum & TAP Block	Dr. D. K. Tripathy	ABUGRA 2024	July 2024	AIIMS Bhopal
3.	2nd Roundtable Brainstorming Session on Healthcare Innovation for Chhattisgarh	Dr. D. K. Tripathy	Innovation Roundtable	July 2024	IIT Bhilai
4.	Plenary Talk – EMINDIA 2024	Dr. D. K. Tripathy	EMINDIA 2024 – 20th Annual Congress of Emergency Medicine in India	August 2024	AIIMS Bhopal
5.	RACC 2024	Dr. D. K. Tripathy	RACC 2024	August 2024	AIIMS New Delhi
6.	The Anaesthesiologist in Emergency Medicine	Dr. D. K. Tripathy	15th Annual Conference, ISA Puducherry	2024	Puducherry
7.	Point-of-Care Ultrasound Workshop	Dr. D. K. Tripathy	Workshop	November 2024	AIIMS Bilaspur
8.	Lung Ultrasound in Emergency Medicine	Dr. D. K. Tripathy	PACTEM 2025	2025	AIIMS Bhopal
9.	Refining Airway Occlusion Pressure: Strategies for Optimal Mechanical Ventilation	Dr. D. K. Tripathy	EPIC 2025	2025	AIIMS Raipur

S. No.	Title	Faculty Name	CME/Conference	Date	Organized by
10.	Healthcare Innovations: Opportunities and Challenges	Dr. D. K. Tripathy	ACBI CME	2025	AIIMS Raipur
11.	NIV in Emergency Care	Dr. D. K. Tripathy	AMECON 2025	2025	RMC Bangalore
12.	Chaired Session – Core Resuscitation	Dr. D. K. Tripathy	AMECON 2025	2025	RMC Bangalore
13.	Coordinator & Quizmaster – Undergraduate Quiz (EM-iQ)	Dr. Naman Agrawal	EMINDIA 2024	2024	AIIMS Bhopal
14.	Gamified ECG and Cardiovascular Emergencies	Dr. Naman Agrawal	3rd Annual Cardiovascular Emergencies Symposium (ACES-25)	March 2025	AIIMS Raipur
15.	Paediatric Triage, Simulation Training & PEM Education – Special Talk	Dr. Varun Anand, Dr. Santosh K. Rathia	EPICON/EMPART 2024 – ACEE-PEM Fellowship Review Course & CME	April 2024	AIIMS Raipur
16.	Faculty Session – Gamified ECG Workshop	Dr. Chandan K. Dey, Dr. Naman Agrawal, Dr. Roshan Mathew	3rd Annual Cardiovascular Emergencies Symposium (ACES-25)	March 2025	AIIMS Raipur

RESEARCH

Funded Project

Ongoing

S. No.	Project	Principal Investigator	Funding Agency	Duration (years)	Start year-End year	Total funds sanctioned (Rs.)
1.	Strengthening the Emergency Care Systems in Chhattisgarh through Digital Hybrid Healthcare.	Prof.(Dr) Debendra K Tripathy	IBITF, Bhilai (Extramural)	02 Year	2024	1.18 Crore
2.	Improving Sepsis Diagnosis in Newborns with Minimal Blood Sampling with innovative laboratory test: A focus on Early Detection	Dr. Varun Anand	ICMR, extramural funded	03 years	2023	65.27 lakh

S. No.	Project	Principal Investigator	Funding Agency	Duration (years)	Start year-End year	Total funds sanctioned (Rs.)
3.	Pediatric readiness of Emergency departments and Casualties across Chhattisgarh state in India: A cross sectional study	Dr Varun Anand	AIIMS Raipur	09 Months	2025	05 Lakh
4.	Knowledge, Awareness, and Understanding of Pediatric Triage among Nursing Officers in India: A Multicenter Study-Dr Varun Anand	Dr Santosh K Rathia	AIIMS Raipur	06 Months	2024	1.62 Lakh

COMPLETED

S. No.	Project	Principal Investigator	Funding Agency	Duration (years)	Start year-End year	Total funds sanctioned (Rs.)
1.	Bolus Nitroglycerin use in Sympathetic Crashing Acute Pulmonary Edema (BoNUS): A Randomized, Open-label, Active comparator Pilot Study	Dr Naman Agrawal	AIIMS Raipur	01 year	Dec 2023-Nov 2024	4.77 lakh
2.	Association between Histo-pathological and clinical cause of death at a tertiary care hospital	Dr Chandan Kumar Dey	AIIMS Raipur	02 years	Dec 2023-Nov 2024	2.30 Lakh

Departmental Projects – Non-Funded Projects/ ICMR-STS Projects/ Thesis/Dissertations

Ongoing

S. No.	Project
1.	To develop criteria identifying Red Zone patients at Emergency Department: An observational study – Dr. Varun Anand
2.	Assessing the Factors that Influence Decision-Making of MBBS Doctors and Students Regarding joining Rural Peripheral Health Care Services in India- a fact finding for possible solutions! (non-funded) – Dr Santosh K Rathia
3.	Online Survey on Knowledge, awareness, and Attitude among medical students regarding the Need for a research project during MBBS Course" – Dr. Chandan K Dey
4.	Knowledge, Attitude and Practice (KAP) of emergency triaging amongst doctors and nurses in India – a survey based multicenter study – Dr Santosh K Rathia

S. No.	Project
5.	Effectiveness of Intubation Pre-Procedural Checklist Implementation on the Safety of Patients Undergoing Endotracheal Intubation in the Emergency Department: A Quality Improvement Study – Dr Naman Agrawal
6.	Bolus Nitroglycerin Use in Sympathetic Crashing Acute Pulmonary Edema (BoNUS): A Randomized, Open Label, Active Comparator Pilot Study – Dr Naman Agrawal
7.	Comparative Analysis of Emergency Medicine Trauma Score (EMTRAS), Rapid Emergency Medicine Score (REMS), and Trauma and Injury Severity Score (TRISS) for Predicting In-Hospital 21 days Mortality in Polytrauma Patients Presenting to the Emergency Department within 24 Hours of Injury – Dr. Sachin Devidas, Dr. Sundarsan Behera (guide)
8.	Assessing the role of point of care ultrasound (pocus) in patient reporting to emergency department with chest trauma for the diagnosis of rib fracture – Dr. Akila T,Dr. Debendra Tripathy(guide)
9.	Efficacy of drotaverine vs hyoscine butylbromide in treatment of acute colicky abdominal pain -a double blinded randomized controlled study – Dr Mohan Prasad, Dr. Santosh K Rathia (guide)
10.	Role of Heart rate and QRS Duration as Predictive Biomarkers for Return of Spontaneous Circulation in Pulseless Electrical Activity – Dr Sai Pavan, Dr. Varun Anand (guide)
11.	Clinical profile and outcomes of paraquat poisoning in a tertiary care centre – Dr Shaurya Agrawal, Dr. Naman Agrawal (guide)
12.	Comparison of analgesic efficacy between ultrasound guided fascia illiaca compartment block versus intravenous fentanyl infusion in patients with proximal femur fractures presenting to the Emergency department - a randomized controlled trial unblinded study – Dr Sai Archana, Dr. Pallavi Shende (guide)
13.	Role of Neutrophil: lymphocytes ratio in predicting early expansion of traumatic intracerebral haemorrhage – Dr Ramesh, Dr. Santosh K Rathia (guide)
14.	A Randomized Control trial to Compare Balanced Salt Solution with Normal Saline for fluid resuscitation in patients with Diabetic Ketoacidosis reporting to Emergency Department- Dr Kriti Gupta,Dr Debendra Tripathy(guide)
15.	Performance of emergency physician performed focused echocardiography on the estimation of left ventricle ejection fraction in adult patients presenting with acute onset shortness of breath : A prospective , observational study – Dr Shiddharth Taneja, Dr. Naman Agrawal (guide)
16.	Evaluation of STONE score, Modified STONE score and CHOKAI score in predicting ureteric stone disease in Indian patients presenting with acute flank pain to the emergency department: A prospective observational study – Dr Milan, Dr. Naman Agrawal (guide)
17.	Accuracy of Emergency physician-performed ultrasound guided Intercostal chest drain insertion with conventional anatomical landmark guided procedure in patients presenting to ED requiring ICD insertion: A randomized control trial – Dr Akshatha B - Dr. Pallavi Shende(guide)
18.	Determination of diagnostic and prognostic utility of pSOFA score, along with sepsis markers in the mortality risk at the ER presentation in children with Sepsis and Septic Shock - Dr Murugan, Dr. Santosh K Rathia (guide- DM in Pediatric EM)

Completed

S. No.	Project
1.	To determine the optic nerve sheath diameter (ONSD) values by point of care ultrasound in children to diagnose and predict clinical severity of raised intracranial pressure – Dr. Naseem, Dr Varun Anand (guide- DM in Pediatric EM)
2.	Evaluation of Knowledge, Concerns and Psychological Distress in caregivers of patients seeking Emergency Medical Care for Illnesses other than COVID-19 (Corona Virus Disease) in atertiary care centre incentral India during COVID-19 Outbreak: A questionnaire based study-Dr. Varun Anand , Dr. Santosh kumar Rathia, Dr. Chandan Kumar Dey .
3.	An assessment of Quality Improvement in Pediatric Triaging Skills of Nursing Students after a Structured Training Session- Dr. Santosh K Rathia, Dr Chandan K Dey, Dr. Varun Anand
4.	Role of POCUS in diagnosing cause of dyspnea in emergency at AIIMS Raipur and comparing it with the final diagnosis - an interdepartmental cross sectional analytical study - Dr. Meena Choudhary, Dr Chandan K Dey (guide)

Collaborative Projects

Ongoing

S. No.	Project	Collaborating Department/Institution
1.	Understand the role of miRNAs in modulating the cellular responses of Dendritic Cells (DCs) during post-traumatic sepsis and septic shock.Dr.Varun Anand, Dr. Chandan Kumar Dey .	Collaboration with Biochemistry
2.	Attenuation of haemodynamic response to laryngoscopy and tracheal intubation with intravenous morphine: a randomized comparison of four different timings.	Collaboration with Anaesthesiology Department
3.	B-VOCAL SCD – Burden of Vaso-Occlusive pain crisis: A Cross-sectional observational study among patients with sickle cell disease in India (CO-PI in Extramural project)	Collaboration with Department of Paediatrics
4.	Pattern and outcome of patients in Pediatric Emergency Medicine Wing (PEM) at AIIMS Raipur and an update on it from across the country in India.	Collaboration with Department of Paediatrics
5.	Indian Network for COVID-19 vaccine Active Safety Surveillance in Pregnant Women (INVACS-Pregnancy)" (CO-PI in Extramural project).	Collaboration with INCLEN India
6.	A study to understand the mechanism of metabolic derangement causing acute liver failure (ALF) in patients of acute yellow phosphorous poisoning – Dr. Varun Anand, Dr. Chandan K Dey	Collaboration with Biochemistry
7.	Intelligent Emergency Care system and hybrid digital healthcare (HDH).	Collaboration with IIT-Bhilaioration with Biochemistry

PUBLICATIONS

1. Talawar P, Tripathy DK, Kaushal A, Dhar M, Vijaybabu A, Tuppad P, Priyanka S, Kumar D, Sharma R, Kumar SS. Efficacy of lignocaine nebulization in patients with COVID-19 respiratory infection: An exploratory randomized double-blinded controlled trial. Journal of Anaesthesiology Clinical Pharmacology. 2024 Apr 1;40(2):271-5.

2. Dhar M, Talawar P, Sharma S, Tripathy DK, Gupta V, Varshney P. A randomised trial comparing block characteristics of a mixture versus sequential injections of lignocaine and ropivacaine for supraclavicular brachial plexus nerve block in patients undergoing upper limb surgery. Indian Journal of Anaesthesia. 2024 Jun 1;68(6):540-6.

3. Gupta B, Tripathy D, Shrestha K, Kumari R, Gupta A. Virtual bronchoscopy-guided airway management in a case of a massive thoracic mass causing a mediastinal shift in an infant. Journal of Anaesthesiology Clinical Pharmacology. 2024 Oct 1;40(4):716-8

4. Mahaseth R, Gupta B, Jain G, Bahadur A, Singla D, Tripathy DK. Proseal laryngeal mask airway and endotracheal intubation in lower abdominal gynecological surgeries for perioperative gastric volume assessment and assessing postoperative recovery of gastrointestinal functions: A randomized controlled trial. Saudi Journal of Anaesthesia. 2025 Jan 1;19(1):27-33.

5. Tripathy DK. Ultrasound of the Airway. Techniques in Anesthesia, Intensive Care and Emergency Medicine 2025 Feb 18 (pp. 87-95). Singapore: Springer Nature Singapore.

6. Sinha TP, Srivastava A, Anisha, Tripathy DK. Ultrasound Evaluation of Trauma Patient. InTechniques in Anesthesia, Intensive Care and Emergency Medicine 2025 Feb 18 (pp. 225-235). Singapore: Springer Nature Singapore.

7. **Santosh K Rathia**, Murugan TP, Richa Sinha, Prakash G Mathew, **Varun Anand**. Management of Severe Acute Malnutrition: An Emergency Department Approach. ICARE. 2024;3(1):25-37.

8. Kartek M, Kannan A, **Anand V**, Sahoo MR. Intravenous levetiracetam versus intravenous phenytoin as second Line treatment in pediatric convulsive status epilepticus- open label randomized controlled trial. J Family Med Prim Care. 2024 Aug;13(8):3368-3373. doi: 10.4103/jfmpc.jfmpc_1747_23. Epub 2024 Jul 26. PMID: 39228645; PMCID: PMC11368275.

9. Reddy, S.P., Jondhale, S.N., **Rathia, S.K.** ***et al.*** **Ketorolac vs Morphine for Severe Vaso-Occlusive Crisis in Sickle Cell Disease: An Open-Label Randomized Controlled Trial (KISS Study).** ***Indian Pediatr*** **62**, 15–19 (2025). https://doi.org/10.1007/s13312-025-3351-0

Chapter(s) in Books

Sl No.	Author (s)	Chapter Title	Editor	Book	Edition	City of Publication	Publisher	Year of Publication	First-Last Page
1.	Prof. (Dr.) Debendra K. Tripathy	Techniques in Anesthesia, Intensive Care and Emergency Medicine	Techniques in Anesthesia	Gupta N, Ubaradka RS, Gupta A, Tripathy DK (Eds.)	1st	Singapore	Springer	2024	-
2.	Prof. (Dr.) Debendra K. Tripathy	Ultrasound Evaluation of Trauma Patient	Techniques in Anesthesia, Intensive Care and Emergency Medicine	Sinha TP, Srivastava A, Anisha, Tripathy DK (Eds.)	–	Singapore	Springer	2025	225-235

Sl No.	Author (s)	Chapter Title	Editor	Book	Edition	City of Publication	Publisher	Year of Publication	First-Last Page
3.	Dr. Santosh Kumar Rathia	Triage and Transport of Pediatric Trauma Victims Chapter 2	PTRM Manual	–	1st	New Delhi	Jaypee	2024	11–20
4.	Dr. Naman Agrawal, Dr. A. Karthikeyan, Dr. N. Jamshed	Circulation in Toxicology	Textbook of Toxicology	Bhalla A, Peter JV, Myatra SN, Bhattacharya PK, Singh YP (Eds.)	1st	New Delhi	Jaypee Brothers	2025	21–31

Edited Book and Monograph Book

Sl No.	Author (s)	Chapter Title	Editor	Book	Edition	City of Publication	Publisher	Year of Publication	First-Last Page
1.	Prof (Dr)Debendra Kumar Tripathy	–	Ubaradka, R.S., Gupta, N., Bidkar, P.U., Tripathy,D.K. and Gupta	The Airway Manual: Practical Approach to Airway Management.	1st	Singapore	Springer Nature.	2023	10.1007/978-981-19-4747-6_37

PATIENT CARE

OPD	IPD	Major OT
47073	834	2773

AWARDS, HONOURS AND SIGNIFICANT EVENTS

- Prof. Debendra Kumar Tripathy and Dr. Chandan Kumar Dey were conferred with an appreciation award from the Chief Minister's Office in recognition of their significant contributions to road safety initiatives.
- Prof. Debendra Kumar Tripathy and Dr Naman Agrawal was honored with the prestigious ***Dr. Keshav Baliram Hedgewar Aarogya Shri Award*** in June 2024 for the ***AYUSH-TECH*** initiative—a collaborative effort between AIIMS Raipur and IIT Bhilai. The award recognized the development of an AI-driven Clinical Decision Support System for STEMI care in remote areas and was presented at the ***Future of Healthcare Forum***at the India International Center Annexe, New Delhi.
- Prof Debendra Kumar Triapthy Participated as an expert in the National Consultation hosted by WHO-CCET on August 2024 at AIIMS Bhopal, held in conjunction with EMINDIA24 – the 20th Annual Academic Congress of Emergency Medicine in India.
- The Department of Trauma and Emergency has organized over 25 CMEs and workshops to date, reflecting its commitment to continuous medical education and capacity-building.
- Dr. Naman Agrawal has been designated as the nodal officer for the BHISHM Cubes initiative, strengthening the Institute's preparedness for disaster response. He also serves as a national trainer on the EM Gurukul online platform and as a faculty trainer for the National Board of Examinations in Emergency Medicine.
- Dr. Varun Anand and Dr. Santosh K Rathia continue to serve as national instructors for PTRM and IAP-certified BLS & PALS courses, contributing actively to pediatric emergency training across India.
- Dr. Chandan Kumar Dey serves as Trainer for the Road Safety Training Program, further emphasizing the department's leadership in trauma care and public health preparedness

Department of Urology & Renal Transplant

Additional Professor & Head
Dr. Amit R. Sharma
Associate Professor
Dr. Deepak Kumar Biswal
Assistant Professor
Dr. Satyadeo Sharma

HIGHLIGHTS

Department of Urology provided OPD consultations to 24528 patients in the financial year 2024-25. It provides comprehensive patient care for all diseases involving Urinary System and Male Genital System. Various Urology sub-speciality Special Clinics [Uro-oncology, Andrology & Men Health, Female Urology & Pediatric Urology] are running smoothly. Renal transplant both live-related and cadaver are done regularly.

EDUCATION

At present, there are three faculties in the department. MCh. Urology training programme has been started since June 2020 with annual intake of two students. At present, there are 5 Urology MCh residents. The department provides training of Senior and Junior Residents in evaluation and management of urological diseases. Surgical training on various urological procedures is also given at Operating Rooms. The department is regularly conducting joint clinical meetings with Department of Nephrology, Pathology, Medical Oncology & Radiotherapy departments.

LECTURES DELIVERED AT CMEs, NATIONAL & INTERNATIONAL CONFERENCES

Dr. Amit Sharma

S. No.	Title	CME/Conference	Date	Organized by
1.	Live Operative Procedure - "Video Endoscopic Inguinal Lymphadenectomy (VEIL): Lateral Approach Illustrated Step-Wise"	Uro-Oncology Annual Conference of YOU, USI, Nadiad, Ahmedabad, 2024	24.05.2024	Uro-Oncology USI, Nadiad, Ahmedabad
2.	Podium presentation: Rationale of Restaging TURBT in patients with Non-invasive Bladder Cancer in current era	21st Congress of UAA, Bali	05-08.09.2024	UAA, Bali
3.	Podium presentation: Transmesocoilc Approach for Hilar Control of left complex renal tumour	21st Congress of UAA, Bali	05-08.09.2024	UAA, Bali
4.	Podium presentation: Laparoscopic Pyeloplasty in Paediatric Age Group: Experience from a tertiary Institute in Central India	21st Congress of UAA, Bali	05-08.09.2024	UAA, Bali
5.	Co-organizing Secretary in West Zone Conference of Urology Society of India,	WZUSICON, Raipur, CG	03-06.10.2024	WZUSICON, Raipur, CG
6.	Laparoscopic VEIL- lateral port technique	Uro-oncology SGPGI Lucknow	April 2024	SGPGI Lucknow
7.	Crossfire in andrology- Anejaculation: Upfront surgical sperm retrieval	ANDROCON 2024 Siliguri	June 2024	ANDROCON Siliguri
8.	Chronic groin and scrotal content pain-Current trends and updates	WZUSICON 2024	Oct 2024	WZUSIC
9.	National board of examination Urology webinar	NBE-Urology webinar	Jan 2025	UCI

RESEARCH
Funded Project
Ongoing

S. No.	Project	Principal Investigator	Funding Agency	Duration (years)	Start year-End year	Total funds sanctioned (Rs.)
1.	Use of Intra-cavernosal Injection of autologous platelet rich plasma for the treatment of mild to moderate erectile dysfunction: A placebo controlled, parallel group, double blind randomized clinical trial	Dr. Satyadeo Sharma	AIIMS Raipur	03 Years	2023-Ongoing	4,58,560/-
2.	Study of Intravesical Bacillus Calmette-Guerin (BCG) in Combination with ALT-803 (N-803) in Patients with Non-Muscle Invasive Bladder Cancer	Dr. Amit R. Sharma	Altor Bioscience	03 Years	2024-Ongoing	8,52,600/-

Departmental Projects – Non-Funded Projects/ ICMR-STS Projects/ Thesis/Dissertations
Ongoing

S. No.	Project
1.	Comparison of surgical outcome and donar site morbidity between everted great saphenous vein graft verus lingual mucosal graft use during substitution urethroplasty in male patients of anterior urethral strictures along with oral sub-mucous fibrosis: arandomized, open label, parallel group clinical trial.
2.	Comparison of Transrectal versus Transperineal Biopsy in suspected Carcinoma Prostate – An Open Label Non-inferior Randomized Control Trial
3.	Comparison of stone free rate and surgical outcomes between non presented and presented patients undergoing retrograde intrarenal surgery for renal stone: a randomised, open label, parallel group clinical trial.
4.	Characterisation of video-urodynamic parameters in young males and females less than 40 years with lower urinary track symptoms: A prospective observational study.
5.	Role of multiparametric MRI in valuation of suspected case of urinary bladder neoplasm with histopathological correlation – observational study.
6.	Prevalence and severity of sexual dysfunction in male patients of non-diabetic chronic kidney disease: A cross-sectional study.
7.	Comparative Study of Double J Stent Versus Externalized Ureteral Catheter Placement in URSL (Ureteroscopic Lithotripsy)

S. No.	Project
8.	Menace of Forgotten Double J Ureteral Stents Even in the Era of Smartphones and Artificial Intelligence: Insights from a Retrospective Comparative Cohort Study, Knowledge, Attitude, and Practice (KAP) Survey, and a Proposed Risk Scoring System
9.	A Single-Arm Feasibility Study Evaluating the Safety and Potential Efficacy of Platelet-Rich Plasma (PRP) Therapy in Patients with Detrusor Underactivity (DUA)
10.	A Pilot Study on the Feasibility, Safety, and Analgesic Efficacy of Segmental Spinal Anesthesia Combined with Quadro-Iliac Plane Block in Percutaneous Nephrolithotomy
11.	Assessment of Sexual Function and Its Determinants in Adult male patients with Sickle Cell Disease Attending a Tertiary Care Hospital: Clinical and Psychosocial Correlates from a Cross-sectional Study
12.	Genitourinary Tuberculosis in the Post-COVID-19 Era: Observations on Clinical Presentations and Diagnostic Challenges

PUBLICATIONS

1. **Sharma A,** Raghavendra RT, Biswal D, Yadav P, Goel S, Sharma S. Rationale of restaging transurethral resection of bladder tumor in patients with nonmuscle invasive bladder cancer in the current era. Urol Ann. 2024 Oct-Dec;16(4):288-291. doi: 10.4103/ua.ua_50_24. Epub 2024 Oct 16. PMID: 39600588; PMCID: PMC11587940.
2. Aggarwal J, Rathore V, Goel AK, Bala S, Saha AK, **Sharma AR**. Continuous Ambulatory Peritoneal Dialysis as Kidney Replacement Therapy in a child with Hemophilia A. Indian Journal of Pediatrics. 2024 Oct;91(10):1104-5.DOI: 10.1007/s12098-024-05183-1
3. Aggarwal J, Rathore V, Badge VA, **Sharma AR**, Sharma A, Pathak NM. Metastatic Calcification in Allograft Kidney Due to Persistent Secondary Hyperparathyroidism: A Rare Cause of Graft Dysfunction. Experimental and clinical transplantation: official journal of the Middle East Society for Organ Transplantation. 2024 Jul;22(7):568-71.DOI: 10.6002/ect.2024.0116
4. Aggarwal J, Rathore V, **Sharma AR**, Pratyusha K. First Pediatric Deceased Donor Kidney Transplant in Chhattisgarh. Indian Journal of Nephrology. Oct 2024; 35:1-1. DOI: 10.25259/IJN_514_2024.

Publications in journals

S. No.	Paper topic	Journal	Year
1.	Rationale of restaging transurethral resection of bladder tumor in patients with nonmuscle invasive bladder cancer in the current era. **A Sharma**, RT Raghavendra, **D Biswal**, P Yadav, S Goel, **S Sharma** Urology Annals 16 (4), 288-291	Urology Annals	2024

PATIENT CARE

Department of Urology has 30 bedded indoor facilities. It has two dedicated modular operation theatres.

Special Clinics run by the department are as follows:

Monday	Wednesday	Friday	Saturday
• Female Urology • Pediatric Urology	• Uro-oncology • Andrology &Men Health	• Vascular access/ CAPD	• Office Urological Procedures

Departmental Services Statistics

	OPD	Special Clinics	IPD admissions
Total	24528	443	1195

Major Surgery at Main OT	Daycare Procedures	Emergency OT	RENAL TRANSPLANT
885	458	177	23

Uroflowmetry	Urodynamic Study	OPD Procedures
1532	362	5994

AWARDS, HONOURS AND SIGNIFICANT EVENTS

1. **The Department received letter of appreciation by SOTTO for renal transplant at AIIMS Raipur.**
2. Certificate of appreciation from AUA for top downloaded video in Videourology Journal - Bilateral Lateral Video Endoscopic Inguinal Lymphadenectomy in a Patient with Penile Malignancy, Videourology. 2023, DOI: 10.1089/vid.2023.0022
3. Cross 50 Renal Transplant all total.
4. Started Penile Implant.
5. **Dr. Deepak Biswal:** Best Video Prize for "Transmesocolic Hilum first approach in Laparoscopic Left Radical Nephrectomy for large Renal tumor with Renal vein tumor thrombus" at 34th Annual Conference of West Zone chapter of Urological Society of India (WZUSICON-2024), Raipur.
6. Dr. Satyadevo Sharma attended the following Conferences and workshops

S. No.	Name of Conference	Year
1.	ANDROCON 2024	Siliguri. June 2024
2.	Live operative workshop on advance laparoscopy in Urology	MLN Medical College, Prayagraj, Feb 2025
3.	WZ-USICON 2024	Naya Raipur, Oct 2024
4.	Andrology update-AIIMS Raipur	Raipur, March 2025
5.	ANDROCON 2025	Mumbai, June 2025

Central Library

Central Library AIIMS Raipur plays a significant role to serve the faculty members, residents, research fellows, staff and students. It remains open for 14.30 hours Monday to Saturday and 12 hours Sundays and holidays. The library serves the readers with its rich collection of books, thesis, journals, and online databases of journals / books. The library is fully automated and air-conditioned. The Institute Library is equipped with 3M (RFID) detection system with Smart self checkout system and is under CCTV surveillance. The Central library is subscribing to online journal Medical Databases i.e. Clinical key for journals and books, Scopus,Clinical Key Nursing Flex and Embase from Elsevier Publisher,Lexicomp Drug Information, UpToDate database, Cochrane Library. Full-text access to all these databases can be accessed through IP address and remote location .At present the library has 13227 books covering clinical, basic sciences and general books.

The Central Library is also a member of National Level ERMED Consortium (e-journals) by NML to provide free electronic Journals. ERMED Consortium has 220 electronic journals from the five publishers i.e. BMJ Group, Cambridge University Press, Lippincott, Oxford University Press and John Wiley. Central Library also purchased and installed Turnitin Anti plagiarism Software to check the originality of publications submitted by the researchers. In January 2025 The One Nation One Subscription Scheme (ONOS) also active in AIIMS Raipur Campus and our institute is a proud member of this national initiative. ONOS provide free electronic journals from the 30 publishers.

The Central library has It also provides Internet connection and Wi-Fi service to all the readers on all working days including Sundays and holidays. 30 Computers has been installed in the computer section of the library for use of the readers. Training programs are organized from time to time for the users in the central library. Subscribed resources training program are also organized for the departments for the use of library resources. The central Library also provides free trial access to introduced new medical resources so that various departments can become familiars and aware with the new resources and use they based on their needs.

Institute Ethics Committee

S. No.	Name	Qualification with Specialization	Designation/Role of member in Ethics Committee	Affiliation to Institute	Gender
1.	Dr. Gopal Prasad Soni	MBBS, MD (CFM)	Chairperson	Retd. Dean from Shri Shankaracharya Medical College, Bhilai	M
2.	Dr. Upasana Kachroo	MBBS, MD (Physiology)	Member Secretary	Associate Professor (Physiology), AIIMS Raipur	F
3.	Dr. Anudita Bhargava	MBBS, MD (Microbiology)	Basic Medical Scientist	Professor (Microbiology), AIIMS Raipur	F
4.	Dr. Sabah Siddiqui	MBBS, MD (Medicine)	Clinician	Additional Professor (Medicine), AIIMS Raipur	M
5.	Dr. Alok Singh	MBBS, MD (Pharmacology)	Basic Medical Scientist	Assistant Professor (Pharmacology), AIIMS Raipur	M
6.	Dr. Rubik Ray	MBBS, MS (Surgery)	Clinician	Associate Professor (Surgery), AIIMS Raipur	M
7.	Dr. Seema Shah	MBBS, MD (Biochemistry)	Basic Medical Scientist	Additional Professor (Biochemistry), AIIMS Raipur	F
8.	Dr. Swapnil Akhade	MBBS, MD (FMT)	Basic Medical Scientist	Assistant Professor (FMT), AIIMS Raipur	M
9.	Dr. Sanwar Agrawal	MBBS, MD (Pediatrics)	Clinician	Director and DNB coordinator at Ekta institute of Child Health, Raipur	M
10.	Mr. A L Joshi	B.A., LLB	Legal Expert	Retd. Judge	M
11.	Mr. Mahadeo Katulkar	LLB	Legal Expert	-	M
12.	Dr. Kishore Agrawal	B.Com. LLB, Ph.D.	Lay Person	Retd. DIG Police	M
13.	Dr. Shailesh Kumar Jadhav	-	Lay Person	-	M

S. No.	Name	Qualification with Specialization	Designation/Role of member in Ethics Committee	Affiliation to Institute	Gender
14.	Prof. Nister Kujur	M.A., M. Phil, NET, Ph, D (Sociology)	Social Scientist	-	M
15.	Dr. Simi Shrivastava	MA (Education Psychology), MBA (HR), Ph.D (Clinical Psychology)	Social Scientist	Director (Projects and Research), Aakanksha Lions Institute of Learning and Empowerment, Raipur	F

The following are the additional members of the Ethics Committee:

S. No.	Name	Qualification with Specialization	Designation/Role of member in Ethics Committee	Affiliation to Institute	Gender
1.	Mrs. Vandana Singh	M.Sc., LLB	Additional Member	-	F
2.	Dr. Atul Jindal	MBBS, MD (Pediatrics), DM (Pediatric Critical Care)	Additional Member	Additional Professor (Pediatrics), AIIMS Raipur	M
3.	Dr. Arvind Agrawal	B.Sc., M.Sc. (Botany), Ph.D. (Bioscience)	Additional Member	Senior Assistant Professor, Malviya Mission Teacher Training Centre, Pt. RSU, Raipur	M
4.	Dr. Amritava Ghosh	MBBS, MD, DM (Endocrinology)	Additional Member	Associate Professor (Endocrinology), AIIMS Raipur	M
5.	Dr. Rupa Mehta	MBBS, MS (ENT)	Additional Member	Additional Professor (ENT), AIIMS Raipur	F

Ethics Committee as on 31st March 2025

S. No.	Name of the Member	Qualification	Designation/ Role of member in Ethics Committee	Affiliation to Institute	Gender
1.	Dr. Gopal Prasad Soni	MBBS, MD (CFM)	Chairperson	Retd. Dean from Shri Shankaracharya Medical College, Bhilai	M
2.	Dr. Upasana Kachroo	MBBS, MD (Physiology)	Member Secretary	Associate Professor (Physiology), AIIMS Raipur	F
3.	Dr. Anudita Bhargava	MBBS, MD (Microbiology)	Basic Medical Scientist	Professor (Microbiology), AIIMS Raipur	F
4.	Dr. Sabah Siddiqui	MBBS, MD (Medicine)	Clinician	Additional Professor (Medicine), AIIMS Raipur	M
5.	Dr. Alok Singh	MBBS, MD (Pharmacology)	Basic Medical Scientist	Assistant Professor (Pharmacology), AIIMS Raipur	M
6.	Dr. Rubik Ray	MBBS, MS (Surgery)	Clinician	Associate Professor (Surgery), AIIMS Raipur	M
7.	Dr. Seema Shah	MBBS, MD (Biochemistry)	Basic Medical Scientist	Additional Professor (Biochemistry), AIIMS Raipur	F
8.	Dr. Swapnil Akhade	MBBS, MD (FMT)	Basic Medical Scientist	Assistant Professor (FMT), AIIMS Raipur	M
9.	Dr. Sanwar Agrawal	MBBS, MD (Pediatrics)	Clinician	Director and DNB coordinator at Ekta institute of Child Health, Raipur	M
10.	Mr. A L Joshi	B.A., LLB	Legal Expert	Retd. Judge	M
11.	Dr. Kishore Agrawal	B.Com. LLB, Ph.D.	Lay Person	Retd. DIG Police	M
12.	Prof. Nister Kujur	M.A., M. Phil, NET, Ph, D (Sociology)	Social Scientist	-	M
13.	Dr. Simi Shrivastava	M.A., aMA (Education Psychology), MBA (HR), Ph.D (Clinical Psychology)M. Phil, NET, Ph, D (Sociology)	Social Scientist	Director (Projects and Research), Aakanksha Lions Institute of Learning and Empowerment, Raipur	F

Additional Members:

S. No.	Name of the Member	Qualification	Designation/ Role of member in Ethics Committee	Affiliation to Institute	Gender
1.	Mrs. Vandana Singh	M.Sc., LLB	Additional Member	-	F
2.	Dr. Atul Jindal	MBBS, MD (Pediatrics), DM (Pediatric Critical Care)	Additional Member	Additional Professor (Pediatrics), AIIMS Raipur	M
3.	Dr. Arvind Agrawal	B.Sc., M.Sc. (Botany), Ph.D. (Bioscience)	Additional Member	Senior Assistant Professor, Malviya Mission Teacher Training Centre, Pt. RSU, Raipur	M
4.	Dr. Amritava Ghosh	MBBS, MD, DM (Endocrinology)	Additional Member	Associate Professor (Endocrinology), AIIMS Raipur	M
5.	Dr. Rupa Mehta	MBBS, MS (ENT)	Additional Member	Additional Professor (ENT), AIIMS Raipur	F

- The IEC was registered in the year 2015 and 2nd re-registration with the CDSCO was done in the year 2021. The re-registration is valid till 26.02.2026.

- As per the New Drugs and Clinical Trial Rule 2019, Government of India the Ethics Committee of AIIMS Raipur got registered under the Department of Health Research (DHR) and the registration no. **EC/NEW/INST/2022/CG/0075** was issued on 15.03.2022. The registration is valid for a period of five years from the date of its issue.

3.0 IEC Project Details (Year-wise)

Year	No. of research projects reviewed*	Approved (including Exempted)	Rejected	Revision	Terminated		Completed	Ongoing
					after review	before review		
2015-16	22	22	-	-	01	-	20	01
2016-17	42	41	-	-	05	-	29	08
2017-18	69	65	-	-	04 after approv al	04	39	22
2018-19	136	135	-	01	06	06	87	37
2019-20	199	198	01	03	11	-	111	76

Year	No. of research projects reviewed*	Approved (including Exempted)	Rejected	Revision	Terminated		Completed	Ongoing
					after review	before review		
2020-21	326	326	-	05	21 after approv al	01	122	182
2021-22	295	286	-	01	09 after approv al	03	139	145
2022-23	258	256	-	01	06 after approv al	02	63	187
2023-24	288	288	-	-	02	-	22	264
2024-25	388	378	-	05	02	-	06	321
Total	**2023**	**1995**	**01**	**16**	**83**		**638**	**1243**

*Including Faculty, SR, PG thesis, DNB, Ph.D., PDCC, DM/MCH, MPH, Nursing, MBBS and ICMR-STS projects.

4.0 IEC Meetings held during 2024-25

4.1 Total no. of meeting held during 2024-25: Ten (10) – full board and six (06) Sub committee meetings.

4.2Details of meetings held

Date of Meeting	No. of research projects reviewed*	Approved/ Provisionally approved	Rejected	Exemption	Terminated	Sent for revision
20.04.2024	73 (73 new)	70	-	01	-	02
26.04.2024	20 (20 new)	18	-	-	-	-
20.06.2024	45 (43 new, 02 revised)	42	-	02	-	-
02.08.2024	18 (18 new)	15	-	-	-	02
13.08.2024 (sub-committee meeting)	02 (02 new)	01	-	01	-	-
12.09.2024	44 (43 new, 01 revised)	40	-	04	-	-
04.10.2024	37 (36 new, 01 revised)	33	-	03	-	01

Date of Meeting	No. of research projects reviewed*	Approved/ Provisionally approved	Rejected	Exemption	Terminated	Sent for revision
23.10.2024 (sub-committee meeting)	01	01	-	-	-	-
05.11.2024 (sub-committee meeting)	02	01	-	01	-	-
29.11.2024	31 (30 new, 01 revised)	29	-	-	-	-
18.12.2024	30	26	-	03	-	-
28.12.2024 (sub-committee meeting)	01	01	-	-	-	-
18.01.2025 (sub-committee meeting)	10	09	-	-	-	-
05.02.2025	30	29	-	-	-	-
28.02.2025 (sub-committee meeting)	16	14	-	01	-	-
27.03.2025	44	42	-	-	01	-

*Including Faculty, SR/JR, PG thesis, DNB, Ph.D., PDCC, DM/MCH, MPH, Nursing and ICMR-STS projects.

4.3 IEC decision on projects reviewed during 2024-25 (as on 31.03.2025)

Total no. of project reviewed	388
Total no. of project approved	374
Total no. of project Exempted	04
Total no. of project rejected	00
Total no. of project for revision	00
Total no. of project Terminated	(01 before approval)

4.4 Status (Ongoing/Completed/Terminated) during 01.04.2024 to 31.03.2025

Total no. of ongoing projects	321
Total no. of completed projects	06
Total no. of Terminated	02
Total no. of Rejected	00
Total no. of Pending	56
Total no. of projects sent for revision	03
Total no. of projects	**388**

4.5 Details of approved research projects during 2024-25 (as on 31.03.2025)

Total no. of funded projects (Extramural projects)	72
Total no. of funded projects (Intramural projects)	17

4.5.1 Details of approved Extramural funded projects (N=72)

Total no. Pharmaceutical Industry/Non-Govt. sponsored projects	32
Total no. Government agency & other sponsored projects	40

Note: 02 Pharmaceutical Project was terminated by PI.

4.6 Serious Adverse Events (SAEs) and deaths SAEs analysed by IEC-AIIMS Raipur during 01.04.2024 to 31.03.2025

Total no. of Serious Adverse Events (SAEs)	56
Total no. of deaths SAEs	19

5.0 List of the Institute with an MoU

1. MMI Narayana Superspeciality Hospital, Lalpur, Raipur
2. Shree Narayana Hospital, Raipur
3. Indian Institute of Technology (IIT), Bhilai
4. Amity University Chhattisgarh (AUC), Raipur
5. Guru Ghasidas Vishwavidyalya, (GGU) Bilaspur
6. Ekta Institute of Child Health

Institute Research Cell

Dean (Research)
Prof. (Dr.) Sarita Agrawal
Professor and Head of the Department
Department of Obstetrics and Gynecology
Associate. Dean (Research)
Prof. (Dr.) Subrata Singha
Professor, Department of Anesthesiology

Institute Research Review Committee (IRRC)

S. No.	Name of Faculty Members	Designation
1.	Prof. (Dr.) Sarita Agrawal, Dean (Research) and Professor & HoD Department. Obstetrics and Gynaecology	**Chairperson**
2.	Prof. (Dr.) Subrata Singha, Associate. Dean (Research) and Professor. Department. of Anaesthesiology	**Co-Chairperson**
3.	Prof. (Dr.) Meenkshi Sinha, Professor, Department of Physiology.	Member
4.	Prof. (Dr.) Rachita Nanda, Professor, Department of Biochemistry	Member
5.	Prof. (Dr.) Debajyoti Mohanty, Professor, Department of General Surgery	Member
6.	Dr. Atul Jindal, Additional Professor, Department of Paediatrics	Member
7.	Dr. Nilaj Kumar Bagde, Additional Professor, Department of Obstetrics and Gynaecology	Member
8.	Dr. Preetam Wasnik, Additional Professor, Department of General Medicine	Member
9.	Dr. Ujjwala Gaikwad, Additional Professor, Department of Microbiology	Member
10.	Dr. Nitin Borkar, Additional Professor, Department of Paediatric Surgery	Member

S. No.	Name of Faculty Members	Designation
11.	Dr. Anjan Kumar Giri, Additional. Professor. Department. Community & Family Medicine	Member
12.	Dr. Satyajit Singh, Associate Professor, Department of Cardiology	Member
13.	Dr. Habib MD Reazaul Karim, Associate. Professor. Department. Anaesthesiology	
14.	Dr. Swapnil Prabhakar Akhade, Associate Professor, Department of FMT	Member
15.	Dr. Pugazhenthan. T, Assistant Professor, Department of Pharmacology	Member
16.	Dr. Santhosh Rao, Additional Professor, Department of Dentistry	**Member Secretary**

HIGHLIGHTS

1. **Research Facilitation and Oversight:**
   The IRC plays a Central Role in Research Governance and Structured Review Process. The IRC is pivotal in overseeing all research activities at AIIMS Raipur. It ensures that research proposals are meticulously reviewed and approved before submission to the Institute Ethics Committee (IEC), maintaining rigorous ethical standards. A comprehensive Standard Operating Procedure (SOP) guides the IRC's operations, detailing submission timelines, review protocols, and approval mechanisms to streamline research activities.

2. **Research Proposal Management System (RPMS):**
   AIIMS Raipur has implemented the Research Proposal Management System (RPMS), an online portal that allows faculty and researchers to submit proposals electronically, track their progress, and access reviewer feedback, thereby enhancing efficiency and transparency in the research process.

3. **Capacity Building and Workshops:**
   IRC has conducted workshops and trainings for overall research development of students and faculty.

4. **Research Outputs and Collaborations:**
   AIIMS Raipur fosters a vibrant and diverse research ecosystem, encompassing a broad spectrum of activities including faculty-led projects, postgraduate theses, PhD research, and MBBS student initiatives. The institution places a strong emphasis on collaborative studies and actively partners with national and international research bodies. This multidisciplinary approach enhances the depth and impact of research, addressing complex healthcare challenges with innovative and integrative solutions.

EDUCATION

EDUCATION AND ACADEMIC DEVELOPMENT:

1. IRC provides regularly hands-on training in research methodology workshops for MD/MS, PhD students and faculty members mandatory ensuring a strong foundation in research practices
2. IRC has been a pioneer in collaborating with ICMR-DHR and starting the Young Medical Faculty PhD Program 2024-25.

The beneficiaries of this program

a. Dr. Yashita Gupta (Assistant Professor), Dept. of Pathology and Lab Medicine
b. Dr. Richa Singh Chauhan (Assistant Professor), Dept. of Radiodiagnosis
c. Dr. Ajay Kumar (Associate Professor), Dept. of Psychiatry
d. Dr. Vinay Rathore (Associate Professor), Dept. of Nephrology

WORKSHOPS AND CME CONDUCTED:

S. No.	Title	CME/Conference	Date	Organized by
1.	Research Methodology	Workshop	17-19th July 2024	IRC
2.	Systematic Review and Meta-analysis	Workshop	28-29th March 2025	IRC with Pediatric Surgery
3.	Systematic Review and Meta Analysis	Lecture cum Hands-on workshop Series	16th Nov 2024 & 1st March 2025	IRC with Pediatric Surgery
4.	Research Design and Biostatistics	Workshop	31st July & 2nd Aug 2024	IRC

RESEARCH:

A. Extramural:

Project Type	Total Number	Amount (Rs.)
Extramural Projects	72	162692842
CTA	14	1195504
AYUSH	6	25240000

B. Intramural:

S.No	Status of Review	Total Number	Amount (Rs.)
1.	Intramural -Non Funded	64	
a	Under review	3	
b	Approved	45	
c	PI reply pending	15	
2.	Intramural - Funded		
	Approved	08	2903080.00

C. Publications:

National	39
International	80

COLLABORATIONS (MOU)

AIIMS Raipur has established Memorandums of Understanding (MoUs) with several prestigious organizations and institutions to foster collaboration and promote research and academic activities. These MoUs play a vital role in promoting research, sharing expertise, and enhancing academic and healthcare services through collaborative efforts between AIIMS, Raipur, and these esteemed organizations and institutions. The partnerships facilitate the exchange of knowledge and resources, ultimately benefiting healthcare advancement and research outcomes.

The list of MoUs includes:

MoUs Updated List with Other Institutes

S. No.	Name of the Institute	Date of MoU	Valid upto
1.	District Hospital, Rajnandgaon	26.07.2021	25.07.2026
2.	Guru Ghasidas Vishwavidyalaya, Bilaspur	08.09.2022	07.09.2025
3.	Amity University Chhattisgarh (AUC), Raipur	20.03.2021	19.03.2026
4.	Bharat Ratna Late Shree Atal Bihari Vajpayee Memorial Medical College, Rajnandgaon	22.03.2021	21.03.2024
5.	Indian Institute of Technology, Bhilai	27.07.2022	26.07.2025
6.	Shree Narayana Hospital Raipur	25.04.2022	24.04.2027
7.	State Forensic Science Laboratory, Raipur	09.10.2023	08.10.2028
8.	MMI Narayana Superspeciality Hospital	22.11.2022	21.11.2025
9.	Indian Institute of Management (IIM), Raipur	27.09.2022	26.09.2027
10.	JLN Hospital & Research Centre, Bhilai Steel Plant, Bhilai for exposure of DNB students in the Department of Pathology and Lab Medicine	13.10.2020	31.12.2025
11.	Central Council for Research in Yoga & Naturopathy (CCRYN), New Delhi	22.01.2021	21.01.2026
12.	Government of Chhattisgarh "State Government"	29.08.2020	Ongoing
13.	National Institute of Homoeopathy (NIH), Kolkata	09.09.2020	08.09.2025
14.	JLN Hospital & Research Centre, Bhilai Steel Plant, Bhilai for exposure of DNB students in the Department of Anaesthesia	28.08.2020	27.08.2025

S. No.	Name of the Institute	Date of MoU	Valid upto
15.	National Institute of Siddha (NIS), Chennai	07.09.2020	06.09.2025
16.	National Institute of Unani Medicine (NIUM), Bangalore	07.09.2020	06.09.2025
17.	CRUE International India Turst (CURE INDIA	12.11.2022	11.11.2027
18.	National Institute of Technology, Raipur	09.09.2022	08.09.2027
	MoUs in 2024-2025		
19.	IITI Drishti CPS Foundation MoU, IIT Indore	06.05.2024	05.05.2027
20.	AIIMS Raipur & Rajya Niti Ayoga C.G	04.03.2025	Ongoing
21.	Vedanta Medical Research Foundation (Balco Medical Center)	01.04.2025	31.03.2028
22.	Central council for Research in Siddha Ministriy of Ayush , Chennai	04.04.2025	03.04.2030
23.	Pt. Ravisankar Shukla University Raipur (PRSU)	21.04.2025	20.04.2030
24.	Central Council for Research in Homeopathy (CCRH)	13.10.2020	24.04.2030

Internal Complaints Committee (ICC)

The PoSH (Prevention of Sexual Harassment) Act (2013) is a legislation enacted by the Government of India in 2013 to address the issue of sexual harassment faced by women in the workplace.

The Act aims to create a safe, secure and conducive work environment for women and provide protection against sexual harassment.

The Act succeeds the Vishaka Guidelines – a set of procedural guidelines promulgated by Supreme Court in the year 1997.

The Internal Complaints Committee (ICC), or the PoSH Committee acts as a redressal body for any complaint filed against sexual harassment at workplace in any organization/institution/company /etc.

Vide Office Order no. 22/137/3/2019 20/Admin/ 3690 dated 24/03/2022, the Competent Authority has constituted Internal Complaints Committee (herein-after referred to as ICC) for addressing the complaints pertaining to Sexual Harassment at All India Institute of Medical Sciences, Raipur, vis-à-vis as envisaged in Prevention of Sexual Harassment Act.

The committee currently comprises of the following members:-

S. No.	Name of Members	Designation
1.	Prof. Eli Mohapatra, Prof., D/o Biochemistry	Presiding Officer
2.	Smt. Chanchal Tiwari, Addl. Superintending of Police, IGP Office, Raipur Range, Raipur (CG)	External member
3.	Prof. Dr. Binu Mathews, Prof. and Principal, College of Nursing	Member
4.	Prof.Dr.Abhiruchi Galhotra, Prof., D/o Community and Family Medicine	Member
5.	Dr. Deepak D'Souza, Addl. Prof., D/o Forensic Medicine	Member
6.	Dr.Dibakar Sahu, Associate Prof., D/o Pulmonary Medicine & TB	Member
7.	Shiv Shankar Sharma, Public Relations Officer	Member
8.	Smt. Upasona Khound Singh, Security Officer	Member Secretary

ICC carries out orientation programmes and seminars for the Members of the Internal Complaints Committee. It also carries out employees awareness programmes and creates forum for dialogues. The committee has made sustained efforts at disseminating awareness about the Act through display boards in the campus.

a) No. of complaints of sexual harassment received in the year 2024-25: 09 (nine).

b) No. of complaints disposed off/closed during the year 2024-25: 09 (nine).

School of Public Health

Academic Head
Prof.(Dr.) Anil K.Goel, Head of Department of Pediatrics
Course Co-Ordinator
Dr. Ashish Wasudevo Khobragade
Dr. Simran Syal
Assistant Professor
Dr. Nitin Agrawal

HIGHLIGHTS

The School of Public Health (SPH), AIIMS Raipur, successfully entered the 6th year of its establishment with a fresh intake of 6 candidates in 2024-25.

Walkathon for Swachhata Pakhwada (April 2024): The School of Public Health (SPH) organized a vibrant walkathon as part of Swachhata Pakhwada in April 2024 under the esteemed guidance of Dr. Anil Kumar Goel.

Workshop on "Vaccine-Preventable Diseases and Adverse Events Following Immunization (AEFI)" – A workshop on Adverse Events Following Immunization (AEFI) Surveillance and Vaccine-Preventable Diseases was conducted on 24th May 2024 at AIIMS Raipur.The event was organized by, the School of Public Health, and the Department of Pediatrics, AIIMS Raipur in collaboration with the World Health Organization (WHO).

Swachhata Hi Seva - On September 21st, 2024, AIIMS Raipur organized the "Swachhata Hi Seva" program under the guidance of Dr. Anil Kumar Goel. The event was led by the MPH Batch-23 and 24, with active participation from the MPH Batch 2022. Senior residents, assistant professors, professors, and faculty members from various departments also joined this noble initiative. The program aimed to raise awareness about the importance of cleanliness and hygiene, emphasizing its significance in public health. As part of the event, a walkathon was conducted to spread the message of "Swachhata" (cleanliness) and its crucial role in building a healthier society.

HEALTHAWARENESS INITIATIVES:
Continuing efforts to promote general health awareness, personal and hand hygiene, and various other health topics, the department organized health promotion activities in communities, schools, and the OPD Registration Area at AIIMS Raipur for the beneficiaries. Additionally, Health Awareness Days were observed on specific occasions to educate and engage the public on key health issues, reinforcing the importance of preventive healthcare and healthy practices.

World Health Day-7th April 2024
World Malaria Day-25th April2024
World Asthma Day-6th May 2024
"Yogotsav"Day – 18th May 2024
International Yoga Day -21stJune2024
World Hepatitis Day -29th July 2024
World Breastfeeding Week – 1st -7th August 2024
World Rabies Day-28th September2024
World Polio Day–28th October2024
World Diabetes Day – 14th November2024
World AIDS Day-1st December 2024
World Leprosy Day-30th January 2025
World Cancer Day-4th February2025
World TB day – 24th March 2025

EDUCATION

The MPH program at AIIMS Raipur follows an interactive and multi disciplinary approach to public health education, incorporating lectures, seminars, debates, journal clubs, hands-on training, micro teaching, and field visits. With a structured academic schedule, students engage in critical discussions, research activities, news paper updates, and public health campaigns to enhance their analytical and practical skills. The curriculum ensures regular skill-building exercises, including IEC projects, model-making, and real-world exposure through in-house visits and internships. This holistic learning framework fosters innovation, critical thinking, and leadership in public health professionals.

S. No.	Activity	Frequency
1.	Debate	Two/month
2.	Discussion	Everyweek
3.	Group Discussion	EveryWeek
4.	JournalClubPresentation	Onceeverymonth
5.	In-housevisitReport	Weekly
6.	Lecture	Twice/week
7.	Co-curricularActivityIEC/Model	Twice/week
8.	PracticalClasses	Twice/week
9.	Seminar	2/week
10.	Demonstrations	1/week
11.	Document Presentation	1/week
12.	In-HouseVisit	Every Saturday
13	Microteaching	Twice/ Month
14.	NewsPaperclub Presentation	Twice/ Month

Academic Development:

At AIIMS Raipur's School of Public Health, we enhance our academic knowledge through a well-structured curriculum covering health systems, epidemiology, biostatistics, health economics, disaster management, and more. Under the guidance of Dr. Anil Kumar Goel, Academic Head of SPH, academic sessions, including orientation classes and journal clubs, are conducted to strengthen foundational concepts. Dr. Ashish Wasudev Khobragade, Assistant Professor of Community and Family Medicine, leads advanced classes on health economics, biostatistics, and epidemiology. Dr. Laxmikant Choudhary ensure a dynamic learning environment through micro teaching, newspaper club, and academic lectures, fostering analytical and research-driven public health professionals.

FIELD VISITS:

Nutrition International - Nourish Life-On 12th July 2024, from 10 AM to 1 PM, a team from the School of Public Health, AIIMS Raipur, visited Nutrition International – Nourish Life, Chhattisgarh Office, I, Raipur. The visit aimed to gain in sight sin to Nutrition Inter national' srolein national health program sin Chhattisgarh and understand their strategies in collaboration with the state government to combat nutrition a l deficiencies. Discussions we re held on ongoing projects and their progress with key representatives. The delegation comprised 10 MPH residents, 2 senior residents, and 1 junior resident.

Sewa Bharti Matru Chhaya orphanage-On20th July 2024, Saturday, , the School of Public Health, AIIMS Raipur, organized an educational visit to Seva Bharti Matr Chaaya, Late Vimladevi Luniya Smriti Niliyam, Kota, Raipur. The primary objective was to gain insights into the operational structure of the orphanage, assess the quality of care provided, and explore the available facilities for children aged 0-6 years. The visit also aimed to evaluate the educational and developmental programs in place, ensuring the holistic growth of the children. Interactive sessions were conducted with the staff and children to understand their daily routines, support systems, and challenges. Discussions also focused on potential areas for improvement and ways to enhance child welfare services. The delegation included 9MPH residents, 1 senior resident, and 1 junior resident, all of whom actively participated in the interactions and observations.

Nandan Steels Plant and Power limited– On 27th July 2024, Saturday, the School of Public Health, AIIMS Raipur, organized an educational visit to Nandan Steel Plant & Power in Siltara, Chhattisgarh.

The primary objective was to gain practical insights into industrial health and safety practices, along with identifying common occupational and environmental hazard sin the steel industry.

The visit provided an opportunity to understand workplace safety protocols, assess health risks faced by workers, and analyze the environmental impact of steel manufacturing processes. Interactions were conducted with the management and workers to gather firsthand information on existing health and safety measures. Discussions also focused on preventive strategies and improvements to minimize occupational risks. Observations from the visit contributed to a better understanding of industrial health challenges and their implications for public health. The delegation comprised 9 MPH residents and 2 senior residents, who actively engaged in discussions and assessments.

CMEs/WORKSHOP/SYMPOSIA/NATIONAL & INTERNATIONAL CONFERENCES

S. No.	Title	CME/Conference	Date	Organized by
1.	Vaccine- Preventable Diseases and AdverseEvents Following Immunization (AEFI)	Workshop	24.05.2024	School of Public Health, and The Department of Pediatrics, AIIMS Raipur in collaboration with The WorldHealthOrganization (WHO)

Professional Engagements of MPH 2022 Batch:

NAME OF STUDENT	ORGANIZATION
Dr. Nitiksha Singh	Project Coordinator, Centre for Health Research and Innovation – PATH.
Dr. Prachi Karne	Project Research Scientist, Department of Oncology, AIIMS Bhopal.
Dr. Riya Manna	State IYCF Co-Ordinator, Dept Of Pediatrics, AIIMS Raipur
Dr. Shripal Choudhary	Senior Project Assistant, AIIMS Jodhpur

RESEARCH

DEPARTMENTAL PROJECTS–NON-FUNDED PROJECTS/ICMR-STS PROJECTS/ THESIS/DISSERTATIONS: COMPLETED (MPHBATCH2022):

S. No.	Name of Student	Project
1.	Dr. Riya Manna	Risk assessment for air-borne transmission of Mycobacterium Tuber culosisin OPD & IPD setting in Tertiary Care Hospital
2.	Dr. Nitiksha Singh	Prevalence of Neck Pain amongst Computer Operator of AIIMS Staff
3.	Dr. Nishat AJafri	Care giver Perception of Paediatric ESRD Patients
4.	Dr. Prachi Karne	Effect of Peer Support Group in Quality of Life in Patients Going Through Dialysis
5.	Dr. Shripal Choudhary	Intestinal Parasitic Infection in the Slum Community Living in Raipur City & it' slinked with awareness of Poor Sanitation Practice
6.	Mr. Roshan Marandi	Quality of life among migrant construction workers in Raipur, Chattisgarh : A descriptive cross-sectional study

ON-GOING PROJECTS (MPH BATCH 2023):

S. No.	Name of Student	Project
1.	Dr. Ravi Chandra C V	Evaluation of adverse drug reaction profile and medication adherence to drugs prescribed for the treatment of leprosy
2.	Dr.Trapti Sikarwar	An assessment of Sociodemographic fact or son the severity of COPD: A Cross-sectional study
3.	Dr. Vivek Tiwari	To Assess the Impact of Yoga and Counselling among Antenatal Mothers on Breast feeding Practices During Neonatal Period: A Prospective Comparative Study

ON-GOING PROJECTS (MPH BATCH2024):

S. No.	Name of Student	Project
1.	Dr. Aashish Kumar Meena	Pre valence of Cognitive Impairment and its Association with Quality of Life among Elderly Population in urban slums of Raipur City.

S. No.	Name of Student	Project
2.	Dr. Biswarekha Samal	Pre valence of Nutritional Anaemia and associated factors among Adolescent Girls Residing in an Urban Slums of Raipur.
3.	Dr. Chukkala Suresh	Pre valence of dental diseases in children of age group6-15 years in schools of an urban part of Raipur city - A Cross Sectional Study.
4.	Dr. Gargi Sharma	Quality of reporting of suicide events in indian television channels.
5.	Dr. Juhi Halve	Pre valence of Early Childhood Caries among Malnourished Children up to 6 years of age - A Cross Sectional Study.
6.	Mrs. Vandana Gupta	Evaluation of acceptance, compliance and completion of tuberculosis preventive therapy among household contacts of pulmonary tuberculosis.

ON-GOING PROJECTS (FACULTY/SENIORRESIDENT):

S. No.	Name of Faculty	Project
1.	Dr. Laxmikant Choudhary	Effectiveness of structured Behavior Change Communication (BCC) method sin knowledge, attitude, and practice about oral diseases among school children aged 10–14 years in Raipur city: a Quasi-experimental study

AWARDS, HONOURS AND SIGNIFICANT EVENTS

Armed Forces Medical College, Community Garden project, poster presentation, Quiz competition - From June 13 to 15, 2024, the Armed Forces Medical College (AFMC), Pune, hosted the Conference on Climate Change and Environmental Susceptibility: The Public Health Perspective.

As part of Ideas & Innovations – The Think Tanks on June 15, Dr. Shripal Choudhary presented on the Community Garden Project for urban health and sustainability and analyzed vehicular non-exhaust emissions trends in India over two decades. Dr. Ravi Chandra Cvdis cussed reducing the environ mental impact of single-use menstrual products.

The event also included an Inter-Collegiate PG Quiz Competition on Climate Change, led by both speakers. The team advanced to the final sand secured 4th place in the competition.

The conference served as a platform for insightful discussions on environmental and public health challenges.

Poster Presentation by Shripal Choudhary- The thesis work on the prevalence of intestinal parasitic infections in urban slum areas of Raipur by Dr. Shripal Choudhary, received the Best Poster Presentation Award at the 18th National Congress of the Indian Academy of Tropical Parasitology (IATP), held at AIIMS Guwahati.

Hindi Pakhwada 2024(prashnottari)-Hindi Pakhwada 2024 featureda quiz competition held on 24th October 2024 at AIIMS Raipur, aimed at promoting awareness and knowledge of Hindi and general topics. The event witnessed enthusiastic participation, and the residents of the School of Public Health emerged as the winners, showcasing their excellence in the competition.

IAPSMCON24 State Joint Conference (29 Nov-01 Dec) - Dr. Laxmikant Choudhary, Senior Resident, School of Public Health presented an Oral paper ontopic–"Across-sectional study of prevalence of refractive error (myopia and hypermetropia) among children of age group 10-16 yrs of selected school of urban part of Western Maharashtra" in '10th Zonal Conference of MP-CG Chapter IAPSMCON24 State Joint Conference'

World TB Week 2025: As part of the World TB Week 2025 celebrations, a Quiz Competition was organized from 24th to 28th March 2025 to raise awareness about tuberculosis, its prevention, and management. The event witnessed enthusiastic participation from students of SPH. Dr. Juhi Halve secured the 1st Prize, followed by Dr. Trapti Sikarwar in 2nd place, and Dr. Vivek Tiwari in 3rd place.

Anti- Ragging Committee

Chairman
Lt Gen. Ashok Jindal (Retd)
Vice Chairman
Prof. (Dr.) Eli Mohapatra

Anti-Ragging Policy
Ragging refers to " Any conduct whether by words spoken or written or by an act which has the effect of harassing, teasing, treating or handling with rudeness any other student, indulging in rowdy or undisciplined activities which causes or is likely to cause annoyance, hardship or psychological harm or to raise fear or apprehension thereof in a fresher or a junior student or asking the students to do any act or perform something which such student will not in the ordinary course and which has the effect of causing or generating a sense of shame or embarrassment so as to adversely affect the physique or psyche of a fresher or a junior student.

The conduct includes but is not restricted to any act by a senior student that prevents, disrupts or disturbs the regular academic activity of any other student or fresher; exploiting the services of a fresher, or any other students for completing the academic tasks assigned to an individual or a group of students; any act of financial extortion or forceful expenditure burden put on a fresher or any other student by students; any act of physical abuse including all variants of it: sexual abuse, homosexual assaults, stripping, forcing obscene and lewd acts, gestures, causing bodily harm or any other danger to health or person; any act or abuse by spoken words, emails, post, public insults which would also include deriving perverted pleasure, "vicarious or sadistic thrill from activity or passively participating in the discomfiture to fresher or any other students; any act that affects the mental health and self-confidence of a fresher or any other student with or without an intent to derive a sadistic pleasure or showing off power"

The ***punishable ingredients*** of ragging are: -

Abetment to ragging
Criminal conspiracy to rag
Unlawful assembly and rioting while ragging
Public nuisance created during ragging
Violation of decency and morals through ragging
Injury to body, causing hurt or grievous hurt
Wrongful restraint
Wrongful confinement
Use of criminal force
Assault as well as sexual offences or even unnatural offences
Extortion
Criminal trespass
Offences against property
Criminal intimidation
Attempts to commit any or all of the above-mentioned offences against the victim(s)
Physical or psychological humiliation

Anti- Ragging Measures

Ragging in all forms is totally banned in the entire AIIMS Raipur campus including departments, library, academic & non-academic locations (residential, sports area, canteen, etc.). AIIMS Raipur strictly follows **ZERO TOLERANCE FOR RAGGING.**

The following measures are being undertaken to curb the menace of ragging in this campus:

1. Fresh batch students would be provided with security (escorts) to reach classrooms from their respective hostels and back to hostel after the classes are over.

2. During all events of interaction of batches in the campus (such as during celebration, functions, sports or other co-curricular & extracurricular activities) teachers/wardens/security personnel would be appointed to keep vigilance on students' activities.

3. No senior student would be permitted to meet fresh batch students in their hostels without permission of warden. Security officers to be vigilant round clock.

4. Faculty/Teachers of corresponding departments would ensure that all students come and leave together in their departmental (teaching) activity. If any student is held in department by a teacher for some reason, it is his/her responsibility to ensure that the student reaches hostel safely.

5. During any occasion of stay in college premises other than stipulated teaching hours (for rehearsal, preparation of an event etc), a fresh batch student shall not be permitted to stay in absence of faculty/teachers.

6. General code of conduct of hostel would be strictly followed.

7. All teaching and non-teaching staffs have to submit undertaking for curbing the menace of ragging in this campus

8. Freshers who do not report the incidents of ragging, either as victims or as witnesses, would be punished suitably.

9. Depending upon the nature and gravity of the offence as established by the Anti-Ragging Committee of the institution, the possible punishments for those found guilty of ragging at the institution level shall be any one or any combination of the following:
   - Suspension from attending classes and academic privileges.
   - Withholding/withdrawing scholarship/ fellowship and other benefits
   - Debarring from appearing in any test/ examination or other evaluation Process.
   - Withholding results
   - Debarring from representing the institution in any regional, national or international meet, tournament, youth festival, etc.

- Suspension/ expulsion from the hostel
- Cancellation of admission.
- Rustication from the institution for period ranging from 1 to 4 semesters
- Expulsion from the institution and consequent debarring from admission to any other institution for a specific period.
- Collective punishment: When the persons committing or abetting the crime of ragging are not identified, the institution shall resort to collective punishment.

Anti-Ragging Committee

As per the directions of the Hon'ble Supreme Court of India, UGC and other Regulatory bodies, AIIMS Raipur has formulated its policy against the menace of ragging. In accordance of the aforementioned guidelines, Anti-Ragging Committee at AIIMS Raipur has been constituted.

Anti-Ragging Squad at AIIMS Raipur

As per the directions /guidelines of the Hon'ble Supreme Court of India, UGC and other Regulatory bodies, AIIMS Raipur has a strict Anti-Ragging Policy. In accordance with the aforesaid guidelines, the Anti Ragging Squad has been constituted in AIIMS, Raipur.

The Anti-Ragging Squad is assigned the duty to have vigil,oversight and patrolling functions and is empowered to inspect locations prone for potential ragging incidents; and make surprise checks/visits in hostels/mess/library and other vulnerable spots. The squad shall report incidents of ragging, if any, and shall work under the overall guidance of the Anti Ragging Committee of the institute. The names, contact numbers and email addresses of the members of the Anti Ragging Committee and Anti Ragging squad are available at the website i.e., www.aiimsraipur.edu.in; so as to enable the students/parents/other stakeholders to register their complaints/grievances and contact them for redressal.

National Anti-Ragging Helpline 18001805522
Email id-helpline@antiragging.in

Annual Account and Audit Report for the FY 2024-25

Opinion of the Comptroller and Auditor General of India on the Accounts of All India Institute of Medical Sciences, Raipur for the year ended 31st March 2025.

Opinion

We have audited the financial statements of All India Institute of Medical Sciences, Raipur, which comprise the statement of financial position as at 31 March 2025, Income and Expenditure Account and the Receipts and Payments Account for the year then ended, and notes to the financial statements, including a summary of significant accounting policies under Section 19(2) of the Comptroller and Auditor General's (Duties, Powers & Conditions of Service) Act, 1971 read with Section 18 (2) of the AIIMS Act, 1956.

This Audit Report contains the comments of the Comptroller and Auditor General of India (CAG) on the accounting treatment only with regard to classification, conformity with the best accounting practices, accounting standards, disclosure norms, etc. Audit observations on financial transactions regarding compliance with the Law, Rules and Regulations (Propriety & Regularity) and efficiency cum performance aspects, etc., if any, are reported through inspection reports/ CAG's audit reports separately.

In our opinion the accompanying financial statements of All India Institute of Medical Sciences, Raipur, read together with the accounting policies and Notes thereon and matters mentioned in the Separate Audit Report, which follows, **give a true and fair view** of the financial position of the autonomous body as at March 31, 2025 and (of) its financial performance and its cash flows for the year then ended in accordance with uniform format of accounts.

Basis for Opinion

We conducted our audit in accordance with CAG's auditing regulations, standards/ manuals/guidelines/guidance-notes/orders/circulars etc. Our responsibilities are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are independent of the autonomous body in accordance with ethical requirements that are relevant to our audit of the financial statements, and we have fulfilled our other ethical responsibilities in accordance with these requirements. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

Responsibilities of Management for the financial statements

The Governing Body of AIIMS Raipur is responsible for the preparation and fair presentation of the financial statements in accordance with uniform format of accounts and for internal control as management determines is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditor's Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion in accordance with CAG's auditing regulations/standards/manuals/guidelines/guidance-notes/orders/circulars etc.

For and on behalf of the Comptroller and Auditor General of India

Place:
Date:

Director General of Audit
(Central Receipt), ADAI Level

Separate Audit Report on the Accounts of All India Institute of Medical Sciences, Raipur.

A. General

1. Provisions for Gratuity, Leave Encashment and Pension for eligible employees have not been made on Actuarial Valuation basis as per AS-15. This was also pointed out in previous SAR, but the issue still persists. Further, the Institute is required to give detailed disclosure in notes to accounts regarding 'Retirement Benefits' as required by AS-15".
2. It was observed from Schedule 7 'Current Liabilities and Provisions' that there was no movement for past three years (since 2021-22) in 16 items amounting to ₹ 151.56 lakh *(details in Annexure I)*. This needs to be reviewed and necessary adjustments may be made in accounts.
3. It was observed that refund of income tax amounting to ₹ 1.34 lakh was directly added in capital account instead of the same being adjusted against opening balance of TDS Receivable. This needs to be rectified.
4. From the available records it was observed that in respect of work of '150 Bedded Critical Care Hospital Block (CCHB) at AIIMS Raipur' Capital Work in progress (CWIP) shown in accounts (Schedule 8 - Fixed assets) was ₹ 32.61 crore however, the work done certified by CPWD as on 31.03.2025 was ₹ 23.72 crore. The difference of ₹ 8.87 crore needs to be reconciled.
5. Contingent Liabilities and Notes on Account (Schedule-25) - Schedule-25 para A shows Contingent Liabilities as 'Nil'. However, as per records made available to audit there are 121 on-going court cases where the outcome and the resultant liability, if any, remain uncertain at this stage .Hence, disclosure regarding 'Contingent Liabilities' was incorrect to that extent. This needs to be reviewed.

B. Management Letter

Deficiencies which have not been included in the Separate Audit Report have been brought to the notice of the Director, All India Institute of Medical Sciences (AIIMS), Raipur through a Management Letter issued separately for remedial/ corrective action.

C. Assessment of Internal Controls

(a) Adequacy of Internal Control System: The Institute maintains an internal control system that is subject to the audit observations noted in the report.

Further, the response of the Management towards compliance audit objections was not effective as 24 paras are still outstanding for the period from 01/2020 to 10/2024.

(b) Adequacy of Internal Audit System: The Internal Audit has been carried out by Internal Audit wing of Ministry of Health & Family welfare (MoHFW)

(c) System of Physical verification of fixed assets:- The Institute has system in place for physical verification of assets at year end by all the departments. But no consolidated physical verification reports provided to audit & following observations were found:

i. The Consolidated Asset register not provided to audit for verification, asset acquired during project has not been updated.

ii. The Physical verification report did not match with department asset register to identify shortages if any.

(d) System of Physical verification of inventory–

i. During the verification of the store records provided to audit ,it was noticed that inventories like furniture, drugs, consumables, surgical equipment, IT inventory etc. were held at year-end by central stores/departmental stores, but no impact of the same has been considered in financial statement.

ii. Item wise highest & lowest levels of consumables stock have neither been fixed nor maintained.

iii. No System of identifying useable & unusable/non moving stock.

(e) Regularity in payment of statutory dues: No irregularity was noticed in payment of statutory dues to be bear by the Institute.

F. Grants-in-aid

During the year, Institute received grants-in-aid of ₹ 714.20 crore. In addition to this, there was an unspent balance of ₹ 58.10 crore (including ₹ 4.53 crore of unadjusted advance). Thus, out of total available grant of ₹ 772.30 crore, an amount of ₹ 708.47 crore was utilized, leaving an unutilized balance of ₹ 63.83 crore.

For and on behalf of the Comptroller and Auditor General of India

Place:
Date:

Director General of Audit
(Central Receipt), ADAI Level

Annexure I

Table showing items pending under Schedule-7 'Current Liabilities and Provisions' for more than 03 years (since 2021-22) as on 31.03.2025

Sl. no.	Reference in Schedule 7 Description	₹ (in lakh)
1	A (ii) (b) Sundry Creditors-Others (05 cases)	7.11
2	A(v) (e) (1) Other Current Liabilities : Withheld for Service Tax (05 cases)	22.91
3	A(v) (e) (3) Other Current Liabilities : Withheld for Completion Certificate (04 cases)	6.39
4	A(v) (e) (4) Other Current Liabilities : Withheld for EOT (03 cases)	2.21
5	A(v) (e) (5) Other Current Liabilities : Withheld for Rectification (02 cases)	0.62
6	A(v) (e) (8) Other Current Liabilities :Withheld for GST (05 cases)	4.96
7	A(v) (e) (9) Other Current Liabilities : Withheld for HRA and ESI (03 cases)	71.96
8	A(v) (e) (10) Other Current Liabilities : Withheld for Vehicle (01 case)	3.50
9	A(v) (e) (11) Other Current Liabilities : Withheld for Waterproofing (01 case)	0.19
10	A(v) (e) (14) Other Current Liabilities : Withheld Uniform washing Allowance (01 case)	2.69
11	A(v) (e) (15) Other Current Liabilities : Withheld for Storage Insurance (01 case)	0.19
12	A(v) (e) (16) Withheld for warranty Amount (01 case)	1.33
13	A(v) (e) (17)) Other Current Liabilities : Withheld for Finalisation of LD (01 case)	2.63
14	A(v) (e) (18)) Other Current Liabilities : Withhold Amount due to Non-achievement of Milestone from Contractor	24.23
15	A(v) (e) (19) Other Current Liabilities: Withheld for maintenance of Street Light	0.56
16	A(x) Nursing Association	0.08
	Total	**151.56**

Sr. Audit Officer/AMG-II

ALL INDIA INSTITUTE OF MEDICAL SCIENCES, RAIPUR (CHHATTISGARH)

Balance Sheet as on 31/03/2025

	SCHEDULES	Current Year 2024-25	Previous Year 2023-24
A) CORPUS/ CAPITAL FUND AND LIABILITIES		₹	₹
Corpus/ Capital Fund	1	12,19,57,65,986.29	11,40,33,99,316.86
Reserves and Surplus	2	-	-
Earmarked/ Endowment Funds	3	-	-
Secured Loans and Borrowings	4	-	-
Unsecured Loans & Borrowings	5	-	-
Deferred Credit Liabilities	6	-	-
Current Liabilities and Provisions	7	35,14,82,670.47	32,09,01,793.99
TOTAL		**12,54,72,48,656.76**	**11,72,43,01,110.85**

B) ASSETS		₹	₹
Fixed Assets	8	8,72,36,59,477.26	8,86,88,13,981.48
Investments- From Earmarked/ Endowment Funds	9	-	-
Investments- Others	10	-	-
Current Assets, Loans, Advances Etc.	11	3,82,35,89,179.50	2,85,54,87,129.37
Miscellaneous Expenditure		-	-
(to the extend not written off or adjusted)		-	-
TOTAL		**12,54,72,48,656.76**	**11,72,43,01,110.85**

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

FOR, ALL INDIA INSTITUTE OF MEDICAL SCIENCES, RAIPUR

J SAJIT NAIR
FINANCIAL ADVISOR (OFFICIATING)

LT GEN ASHOK JINDAL
EXECUTIVE DIRECTOR & CEO

Date: 24/06/2025
Place: Raipur, C.G.

ALL INDIA INSTITUTE OF MEDICAL SCIENCES, RAIPUR (CHHATTISGARH)

Income & Expenditure Account for the year ended 31/03/2025

Particulars	SCHEDULES	Current Year 2024-25	Previous Year 2023-24
INCOME		₹	₹
Income from Sales/ Services	12	19,48,73,585.00	19,44,83,774.36
Grants/ Subsidies	13	6,50,20,00,000.00	5,67,00,00,000.00
Fees/ Subscriptions	14	-	-
Income from Investments (Income on Investment from earmarked/ endow funds transferred to Funds, Rent)	15	-	-
Income from Royalty, Publication etc.	16	-	-
Interest Earned	17	20,00,18,183.93	16,91,59,029.39
Other Income	18	96,41,77,352.60	11,23,21,191.74
Increase/ (decrease) in stock of finished goods and work-in-progress	19	-	-
Excess Provision Made in FY 2020-21		-	-
Excess Provision Made in FY 2021-22		-	-
Net Prior Period Income		18,17,245.70	9,927.10
	TOTAL (A)	**7,86,28,86,367.23**	**6,14,59,73,922.59**

EXPENDITURE		₹	₹
Establishment Expenses	20	4,43,08,20,366.00	3,68,62,51,902.00
Other Administrative Expenses etc.	21	2,05,18,82,591.76	1,76,52,37,167.96
Expenditure on Grants, Subsidies etc.	22	-	24,69,292.00
Interest	23	-	-
Depreciation (Net Total at the year-end-corresponding to Schedule)	8	1,00,34,57,162.00	80,20,81,358.00
Refund of Grant-in-Aid (Salary)		-	11,00,00,000.00
Refund of Grant-in-Aid (General)			-
Refund of amount against written off in previous years		42,39,058.00	-
Expenses Under Swachhata Action Plan		2,20,00,000.00	2,35,77,756.00
Expenses Under PMJAY- Ayushman Bharat		23,07,25,801.00	23,13,99,703.00
Prior Period items		-	2,12,391.00
Prior Period Items		-	(5,02,815.34)
	TOTAL (B)	**7,74,31,24,978.76**	**6,62,07,26,754.62**

Balance being excess of Expenditure over Income, this is indication of Deficit (A-B)		**11,97,61,388.47**	**(474752832.03)**
Transfer to Special Reserve (Specify each)		-	-
Transfer to / form General Reserve		-	-
BALANCE BEING SURPLUS/ (DEFICIT) CARRIED TO CORPUS/ CAPITAL FUND		**11,97,61,388.47**	**(47,47,52,832.03)**

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

J SAJIT NAIR
FINANCIAL ADVISOR (OFFICIATING)

LT GEN ASHOK JINDAL
EXECUTIVE DIRECTOR & CEO

Page 2

ALL INDIA INSTITUTE OF MEDICAL SCIENCES, RAIPUR (CHHATTISGARH)

RECEIPTS AND PAYMENTS FOR THE YEAR ENDED 31/03/2025

S.N.	RECEIPTS	Current Year 2024-25 ₹	Previous Year 2023-24 ₹	S.N.	PAYEMENTS	Current Year 2024-25 ₹	Previous Year 2023-24 ₹
I	**Opening Balance**			I	**Expenses**		
	a) Cash in Hand	2,98,223.00	2,20,023.00		a) Establishment Expenses	4,05,35,11,772.14	3,36,69,50,756.00
	b) Bank Balances				b) Administrative Expenses	2,14,57,88,665.90	1,85,80,77,493.50
	i) In Current Accounts	64,78,16,897.43	65,98,54,876.83		c) Expenses Under Swatchhata Action Plan	-	-
	ii) In Saving Accounts	11,95,77,595.86	8,56,49,419.99		d) Others		
II	**Grant Received**				Net Contingent Advance Paid	61,29,211.00	47,20,770.10
	a) From Government of India				Net Imprest Money Paid	43,53,595.96	41,15,266.00
	GIA General	2,08,00,00,000.00	1,77,00,00,000.00		Net LTC Paid	52,38,102.00	31,02,900.00
	GIA Salaries	4,40,00,00,000.00	3,88,00,00,000.00		Tour Advance Paid	57,45,082.00	43,07,011.00
	GIA Capital	58,00,00,000.00	1,13,40,00,000.00		Unclaimed EMD Paid	12,01,840.00	3,32,007.00
	Ayushman Infrastructure	6,00,00,000.00	-		Unclaimed Security Deposit Paid	12,20,728.00	1,31,697.00
	GIA General (Swachhata Action Plan)	2,20,00,000.00	2,00,00,000.00		Medical and Other Advance	-	86,730.00
III	Contingent Advance for Convocation	-	17,01,376.23		Interest paid on Pension Fund	-	20,40,431.00
IV	**Fixed Deposit amount received**	2,22,26,54,327.00	1,93,92,42,951.00		Financial Assistance	24,860.00	5,49,800.00
V	**GIA Received for AIIMS Nagpur**	-	-		Advance Salary	2,27,561.00	-
VI	**Income on Investments**	-	-		AIIMS Raipur Medical Student Welfare Society	-	50,000.00
VII	**Interest Received**			II	**Payment made under Extramural Fund**	50,36,280.00	84,90,300.00
	a) On Bank Account	3,92,56,118.34	2,39,37,623.23	III	**Investments and deposits made**		
	b) Interest received but refundable to MoHFW earned on GIA	-	-		a) Out of Earmarked/ Endowment funds	-	-
	c) Bank Interest on Pension Fund	14,11,422.00	16,79,499.00		b) Out of Own Funds	-	-
VIII	**Other Receipt**			IV	**Fixed Deposits with Bank**	2,41,70,00,001.00	**2,00,00,00,000.00**
	Receipts From Hospital	19,23,00,269.00	17,75,78,308.00	V	**Deposit with CSPDCL**	-	-
	Admission Fees, Entrance Fees, Application Fees, Examination Fees, Other Receipt	22,33,968.00	1,63,61,638.36	VI	**Expenditure on Fixed Assets & Capital Work- in Progress**		
	Overhead Charges (Extramural Fund)	88,570.00	-		a) Payment for Purchase of Fixes Assets	53,71,05,148.70	87,91,73,543.06
	Security deposit	5,21,479.00	2,10,060.00		b) Payment to contractors for Work in Progress	27,52,68,217.00	32,15,53,824.00
	Earnest Money deposit (EMD)	2,97,46,275.00	1,84,53,648.00	VII	**Refund of Surplus money/ Loans**		
	Penalty Receipt from (SR/JR/PG Students/others etc.)	1,61,77,329.00	53,90,140.00		a. EMD released	2,69,52,958.00	1,17,14,759.00
	Received from Gym	21,250.00	15,250.00		b. Security Deposit released	41,45,315.00	11,04,237.00
	Receipts from Forfeiture of /EMD/FDR	51,21,264.00	9,03,216.00		c. Withheld	37,90,769.00	3,66,01,786.00
	Rent Received	5,77,522.00	5,26,101.00	VIII	**Other Payments**		
	Donation under ARPAN	12,353.00	52,605.01		a) TDS/ VAT/ Labour Cess/ Work Contract Tax, etc.	53,38,44,685.00	42,25,03,364.00
	Donation Received from Power Gride Corporation	3,24,71,000.96	-		b) Nursing Association	-	2,43,350.00
	Income Tax Refund	1,34,280.00	-		c) Other Deduction Vendor	3,00,000.00	-
	GPF Inteerst Amount receivable	-	20,40,431.00	IX	**Amount Paid to AIIMS Mangalagiri & Nagpur**		
	IEC committee charges	8,58,749.30	-		GIA release for AIIMS Mangalagiri	-	-
	Receipt from VRDL for TDS & GST	3,51,046.00	6,12,895.00		GIA release for AIIMS Nagpur	-	-

RECEIPTS AND PAYMENTS FOR THE YEAR ENDED 31/03/2025							
S.N.	RECEIPTS	Current Year 2024-25 ₹	Previous Year 2023-24 ₹	S.N.	PAYEMENTS	Current Year 2024-25 ₹	Previous Year 2023-24 ₹
	Electricity Charges received from TCIL, Amrit Pharmcy, & SBI ATM	26,89,625.00	3,91,096.00	X	Net TDS Receivable from PNB	4,65,270.00	1,25,943.00
	Notice Period Recovery from Staff	21,40,975.00	36,86,391.00	XI	Intramural Funds	-	28,000.00
	Receipt from Guest House	5,46,550.00	2,11,810.00	XII	Payment under Provision Made		
	Licence Fee depositd in cash	-	5,220.00		Electricity Charges	-	-
	CGHS Claim Received	4,19,197.08	-	XIII	Bills Payable to other than Employee	6,28,98,470.00	4,82,76,844.00
	Other Advance (OLA Uber)	-	5,000.00	XIV	Advance to Contractor/ Supplier/ Consultant	-	-
	Others	3,76,318.42	1,01,487.36	XV	Interest Refunded to MoHFW	-	3,37,74,676.00
	Liquidity Damage	-	78,347.00	XVI	GIA Refunded to MoHFW		
	Receipt from Auditorium	-	80,000.00		Salary	-	11,00,00,000.00
	Postal Order/ RTI Fee receipts	100.00	1,638.00		Capital	-	1,72,29,186.00
	Receipts from Hostel	1,07,600.00	1,58,250.00	XVII	Scholarship amount paid	1,36,430.00	1,02,400.00
	Receipts from IRDL-ICMR Project	25,424.00	-	XVIII	Prior Period Item	-	-
IX	PMJAY- Ayushman Bharat Claims Receipts	88,86,94,904.00	6,30,89,531.00	XIX	Oriana 2024	2,00,000.00	-
	Incentive of Ayushman Bharat Digital Mission	97,52,980.00	61,13,796.00		Oriana 2023		4,00,000.00
X	Extramural Fund & Special Fund	10,90,06,662.87	8,53,46,047.94	XX	Closing Balances		
XI	Advance depositd by Patient	-	7,74,000.00		a) Cash in Hand	3,28,746.00	2,98,223.00
XII	Income from Sale of Scrap	7,98,562.00	5,48,297.00		b) Bank Balances		
XIII	Interest Received from Income Tax Refund		-		i) In Current Accounts	1,23,52,03,503.08	64,44,33,295.20
XIV	Prior Period Income	1,28,560.70	1.00		ii) In Saving Accounts	14,25,39,587.18	12,29,61,198.09
XV	Kayakalp Award Money Receipt	-	39,50,000.00				
XVI	Scholarship amount received	1,39,400.00	1,08,816.00				
XVII	Oriana 2024	2,00,000.00	-				
	Oriana 2023	-	4,00,000.00				
TOTAL		11,46,86,56,797.96	9,90,34,79,789.95	TOTAL		11,46,86,56,797.96	9,90,34,79,789.95

J SAJIT NAIR
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ALL INDIA INSTITUTE OF MEDICAL SCIENCES, RAIPUR (CHHATTISGARH)
SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31/03/2025

SCHEDULE [1] CORPUS/ CAPITAL FUND		
Particulars	**Current Year 2024-25 ₹**	**Previous Year 2023-24 ₹**
Balance as at the beginning of the year	11,40,33,99,316.86	10,74,82,55,810.89
Add: Contribution towards corpus/ capital fund	58,00,00,000.00	1,13,40,00,000.00
Add: Amount received from PM Abhim	6,00,00,000.00	
Add: Donation received from Powergrid Corporation	3,24,71,000.96	
Add/(Deduct): Balance of net income/ (expenditure) transferred from the Income and Expenditure Account	11,97,61,388.47	(47,47,52,832.03)
Add:- Prior Period Items (Expenditure is overbooked in Previous Year)	-	-
Add:- Income Tax Refund Received	1,34,280.00	-
Deduct:- TDS Deducted by parties of previous years	-	(99,700.00)
Deduct:- Excess Refund to MoHFW	-	(40,03,962.00)
Deduct:- GIA Refundable to MoHFW	-	-
BALANCE AT THE YEAR-END	**12,19,57,65,986.29**	**11,40,33,99,316.86**

SCHEDULE [2] RESERVE & SURPLUS		
Particulars	**Current Year 2024-25 ₹**	**Previous Year 2023-24 ₹**
a) Capital Reserve:		
As per last Account	-	-
Addition during the year	-	-
Less: Deductions during the year	-	-
Total (a)	-	-
b) Revaluation Reserve		
As per last Account	-	-
Addition during the year	-	-
Less: Deductions during the year	-	-
Total (b)	-	-
c) Special Reserve		
As per last Account	-	-
Addition during the year	-	-
Less: Deductions during the year	-	-
Total (c)	-	-
d) General Reserve		
As per last Account	-	-
Addition during the year	-	-
Less: Deductions during the year	-	-
Total (d)	-	-
Total (a+b+c+d)	-	-

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SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31/03/2025

SCHEDULE [3] EARMARKED/ ENDOWMEN FUNDS		
Particulars	**Current Year 2024-25 ₹**	**Previous Year 2023-24 ₹**
a). Opening Balance of the funds	-	-
b). Addition to the funds:	-	-
i) Donation/grants	-	-
ii) Income from investment made on account of fund	-	-
iii) Other addtion (specify nature)	-	
TOTAL (a+b)	-	-

c). Utilisation/ Expenses towards objective of funds		
i) Capital Expenditure		
Fixed Assets	-	-
Others	-	-
Total	-	-
ii) Revenue Expenditure		
Salaries, Wages and allowances etc.	-	-
Rent	-	-
Other Administrative expenses	-	-
Total	-	-
Total c	-	-
NET BALANCE AS AT THE YEAR-END (a+b+c)	-	-

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SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31/03/2025

SCHEDULE [4] SECURED LOANS AND BORROWINGS:				
Particulars	Current Year 2024-25 ₹		Previous Year 2023-24 ₹	
a) Central Government		-		-
b) State Government (Specify)		-		-
c) Financial Institutions				
i) Term Loans	-		-	
ii) Interest accrued and due	-	-	-	-
d) Banks:				
i) Term Loans	-		-	
Interest accrued and due	-		-	
ii) Other Loans (Specify)	-		-	
Interest accrued and due	-	-	-	-
e) Other Institutions and Agenices	-	-		-
f) Debenture and Bonds	-	-		-
g) Others (Specify)	-	-		-
Total		-		-

Note: Amounts due within one year

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ALL INDIA INSTITUTE OF MEDICAL SCIENCES, RAIPUR (CHHATTISGARH)
SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31/03/2025

SCHEDULE [5] UNSECURED LOANS AND BORROWINGS		
Particulars	**Current Year 2024-25 ₹**	**Previous Year 2023-24 ₹**
a) Central Government	-	-
b) State Government (Specify)	-	-
c) Financial Institutions	-	-
d) Banks:	-	-
i) Term Loans	-	-
ii) Other Loans (Specify)	-	-
e) Other Institutions and Agencies	-	-
f) Debenture and Bonds	-	-
g) Others (Specify)	-	-
Total	-	-

Note: Amounts due within on year

SCHEDULE [6] DEFERRED CREDIT LIABILITIES		
Particulars	**Current Year 2024-25 ₹**	**Previous Year 2023-24 ₹**
a) Acceptances secured by hypothecation of capital equipment and other assets	-	-
b) Others	-	-
Total	-	-

Note: Amounts due within one year

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SCHEDULES FORMING PART OF BALANCE SHEET AS ON 31/03/2025

SCHEDULE [7] CURRENT LIABILITIES AND PROVISIONS				
Particulars	**Current Year 2024-25 ₹**		**Previous Year 2023-24 ₹**	
A) CURRENT LIABILITIES				
i) Acceptances				
ii) Sundry Creditors				
a) For Goods				
b) Others				
Ahluwalia Contractor (I) Ltd.	1,03,477.00		1,03,477.00	
Amrit Pharmacy	9,64,629.00		39,78,537.00	
Global Biosciences	9,76,976.00		-	
M/s Bagree Enterprises	-		9,67,278.00	
Madhur Enterprises	5,998.00		-	
M J Solanki	3,61,322.00		-	
India Medtronic P Ltd., Maharashtra	83,870.00		83,870.00	
Mediglobe Medical Systemes (P) Ltd.	5,50,049.00		5,50,049.00	
Orange Bioscience Products Pvt. Ltd.	47,544.00		47,544.00	
Rishi Impex, Raipur	-		7,326.00	
Senior Post Master Raipur	17,917.80		17,917.80	
Shree Narayan Medico Surgical	24,192.00		24,192.00	
Shree Sai Services, Raipur	15,750.00		15,750.00	
Starkey Laboratories India P Ltd., UP	15,680.00		15,680.00	
Philips India Limited, Delhi	1,05,54,486.00		-	
Varad Corporation, Raipur	-	**1,37,21,890.80**	13,74,761.00	**71,86,381.80**
Employee related liabilities				
a) Security deposit Employee	6,44,952.00		3,90,452.00	
b) Bill Payable to Employees	2,68,569.00		2,10,619.00	
c) Advance received from Employees for Tax	-		-	
d) Other deduction	-	**9,13,521.00**	-	**6,01,071.00**
Bills Payable to other then Employees	81,499.00	**81,499.00**	85,628.00	**85,628.00**
iii) Secured Advance to Contractor / Suppliers	20,33,787.00	**20,33,787.00**	20,33,787.00	**20,33,787.00**
iv) Statutory Liabilities				
a) TDS on GST				
i) CGST	21,89,623.00		27,70,288.00	
ii) SGST	21,89,623.00		27,70,288.00	
iii) IGST	22,92,313.00		19,72,663.00	
b) TDS Payable on Other than Salary	20,67,255.00		19,21,703.00	
c) Work Contract Tax Payable	-		-	
d) Labour Cess Payable	3,73,510.00		4,55,838.00	
e) TDS Payable on Salary	43,173.00		2,21,38,940.00	
f) Value Added Tax Payable	-	**91,55,497.00**	-	**3,20,29,720.00**

SCHEDULE [7] CURRENT LIABILITIES AND PROVISIONS				
Particulars	Current Year 2024-25 ₹		Previous Year 2023-24 ₹	
A) CURRENT LIABILITIES				
v) Other current Liabilities				
a) Special / Extramural Fund Received	13,64,45,629.02	**13,64,45,629.02**	9,43,34,462.94	**9,43,34,462.94**
b) Security deposit Vendor	2,21,25,493.45	**2,21,25,493.45**	2,19,21,471.45	**2,19,21,471.45**
c) Earnest Money Deposit	2,30,59,959.20	**2,30,59,959.20**	1,93,86,092.80	**1,93,86,092.80**
d) Advance deposited for Patients	17,83,883.00	**17,83,883.00**	17,83,883.00	**17,83,883.00**
e) Withhelds				
1) Withheld for Service Tax				
Rahul Tour & Travels	92,149.00		92,149.00	
Kone Elevator India Pvt. Ltd.	7,076.00		7,076.00	
BL Kashyap and Sons Ltd.	21,25,860.00		21,25,860.00	
Cubes Media & Branding Pvt. Ltd.	17,218.00		17,218.00	
Service Master Clean Ltd.	48,915.00	**22,91,218.00**	48,915.00	**22,91,218.00**
2) Withheld other				
Saikripa Enterprises	83,160.00		-	
DSS Imagetech P Ltd.	8,74,409.00		8,74,409.00	
Ghanshyam Laundry	19,112.00		19,112.00	
EDCIL (India) Ltd.	9,25,625.00		9,25,625.00	
M.J. Solanki	1,50,000.00		2,35,000.00	
BL Kashyap and Sons Ltd.	18,50,640.00		18,50,640.00	
Indian Surgical Solution	80,143.00		-	
Globus Infocom Ltd.	4,16,174.00		4,16,174.00	
R.S. Maintanance Services	2,000.00		2,000.00	
Shree Sai Services	10,000.00		10,000.00	
Punjlloyd LLtd.	1,00,000.00		1,00,000.00	
Ahluwalia Contractor	24,602.00		24,602.00	
Security & Intelligence Services	23,45,927.00		22,73,200.00	
Fortune Impex	43,754.00		43,754.00	
Service India, Bhopal	25,000.00		25,000.00	
Ishan Construction	81,532.00		81,532.00	
HSCC India Ltd.	23,61,290.00		23,61,290.00	
Ashlar India	5,41,090.00		5,41,090.00	
Manohar Lal Gawri	3,34,219.00		3,34,219.00	
Sanjari Construction	3,76,333.00		3,76,333.00	
Shai Transport	-		1,93,384.00	
Voltas Ltd.	14,83,358.00		14,83,358.00	
BVG India Ltd.	2,18,700.00		2,18,700.00	
Mali Payment	81,268.00		81,268.00	
Vraj Tours & Travells	84,000.00		84,000.00	
Getinge Medical P Ltd., Mumbai	77,18,746.00		77,18,746.00	
Aptech Ltd.	18,38,411.00		18,38,411.00	
Varad Corporation	20,085.00		20,085.00	
Midmark India P Ltd.	4,52,306.00		4,52,306.00	
Hindalco Medicare Pvt Ltd	1,70,529.00		-	

Page 10

SCHEDULE [7] CURRENT LIABILITIES AND PROVISIONS				
Particulars	Current Year 2024-25 ₹		Previous Year 2023-24 ₹	
A) CURRENT LIABILITIES				
First Construction	56,134.00		56,134.00	
ADS Diagnostic Ltd., New Delhi	8,19,744.00		8,19,744.00	
Safeguard & Manpower Services	1,01,150.00		1,01,150.00	
Fortune Buildcon, Raipur	10,000.00		10,000.00	
Shree Krishna Green Estate	1,33,464.00		1,33,464.00	
Ma Durga Enterprise	18,630.00		18,630.00	
Wadia Enterprises	437.00		437.00	
India Medtronic P Ltd.	1,01,270.00		1,01,270.00	
Hospimedical International ltd.	4,00,000.00		4,00,000.00	
Sai Associates	4,24,433.00		4,24,433.00	
Myovatec Surgical System Pvt Ltd	1,09,200.00		-	
Kone Elevator India Ltd.	4,16,547.00		45,456.00	
Intelligence Security of India Ltd.	-		15,49,167.00	
Turnitin Education Pvt. Ltd.	14,000.00		14,000.00	
Johnson Lifts India Pvt Ltd	47,613.00		47,613.00	
Shristi Enterprises	7,55,054.00		7,55,054.00	
Skanray Technologies P LTd	-		4,26,424.00	
Print Vision, Nagpur	4,41,419.00		4,41,419.00	
Xcellance Medical Tech. P Ltd	-		26,589.00	
Vindhya Const.	5,77,380.00		5,77,380.00	
A P Scanner	21,563.00		21,563.00	
Delta Const.	1,50,665.00		1,50,665.00	
Bisen Construction P Ltd	1,04,745.00		1,04,745.00	
PRG Associates	5,664.00			
CIS Global Infratech Pvt Ltd	22,081.00			
Call me Services	(20.00)			
		2,74,43,586.00		**2,88,09,575.00**
3) Withheld for Completion Certificate				
Globus Infocom Ltd.	38,661.00		38,661.00	
Manohar Lal Gawri	50,000.00		50,000.00	
Punjlloyd Ltd.	5,00,000.00		5,00,000.00	
Learn Nature Construction	50,000.00	**6,38,661.00**	50,000.00	**6,38,661.00**
4) Withheld for EOT				
Anil Mathani	1,50,000.00		1,50,000.00	
Print Vision, Nagpur	25,569.00		25,569.00	
Mahip Construction	45,265.00	**2,20,834.00**	45,265.00	**2,20,834.00**

SCHEDULE [7] CURRENT LIABILITIES AND PROVISIONS				
Particulars	Current Year 2024-25 ₹		Previous Year 2023-24 ₹	
A) CURRENT LIABILITIES				
5) Withheld for Rectification				
Pujloyd Ltd.	41,762.00		41,762.00	
Steel Case	20,000.00	**61,762.00**	20,000.00	**61,762.00**
6) Withheld as per Clause 36 i				
BL Kashyap and Sons Ltd.	5,44,76,964.00		5,44,76,964.00	
Punjloyd Ltd.	7,50,000.00		7,50,000.00	
Ahluwalia Contracts (I) ltd.	1,50,000.00		1,50,000.00	
Pushkar Gokulka	60,000.00	**5,54,36,964.00**	60,000.00	**5,54,36,964.00**
7) Withheld for EPF				
C-Net Infotech Pvt. Ltd.	3,40,450.00		3,40,450.00	
Vindhya Construction	1,12,726.00		1,12,726.00	
VINDHYA CONSTRUCTION, BILASPUR	1,17,888.00			
D G Nakrani	30,000.00		30,000.00	
M.J. Solanki	1,00,000.00		1,00,000.00	
Intelligence Security of India Ltd.	6,084.00	**7,07,148.00**	6,084.00	**5,89,260.00**
8) Withheld for GST				
Ahluwalia Contracts (I) Ltd.	1,50,764.00		1,50,764.00	
V-Raj Tour & Travels	67,208.00		67,208.00	
RS Maintenance Service	34,643.00		34,643.00	
Kasliwal Brothers	5,094.00		5,094.00	
Shree Sai Services	2,38,740.00	**4,96,449.00**	2,38,740.00	**4,96,449.00**
9) Withheld for HRA and ESI				
Security & Intelligence Services	66,78,267.00		66,78,267.00	
C-Net Infotech Pvt. Ltd.	1,39,306.00		1,39,306.00	
Service India, Bhopal	3,78,778.00	**71,96,351.00**	3,78,778.00	**71,96,351.00**

SCHEDULE [7] CURRENT LIABILITIES AND PROVISIONS				
Particulars	Current Year 2024-25 ₹		Previous Year 2023-24 ₹	
A) CURRENT LIABILITIES				
10) Withheld for Vehicle				
Ahluwalia Contracts (I) Ltd.	3,50,000.00	**3,50,000.00**	3,50,000.00	**3,50,000.00**
11) Withheld for Waterproofing				
PRG Associates	19,256.00	**19,256.00**	19,256.00	**19,256.00**
12) Withheld for IGST				
M J Solanki	-		16,28,935.00	
Schiller Healthcare India P Ltd	3,16,180.00	**3,16,180.00**	3,16,200.00	**19,45,135.00**
13) Withheld till Warranty Period				
Shree Krishna Green Estate	2,78,784.00		2,78,784.00	
Nischal Construction	-		-	
Bharat Medical System	1,120.00	**2,79,904.00**	1,120.00	**2,79,904.00**
14) Withheld Uniform Washing Allowance				
Security & Intelligence Services	2,69,362.00	**2,69,362.00**	2,69,362.00	**2,69,362.00**
15) Withheld for Storage Insurance				
Methodex System Pvt. Ltd.	18,673.00	**18,673.00**	18,673.00	**18,673.00**
16) Withheld for Warranty Amount				
Shree Krishna Green Estate	1,33,143.00	**1,33,143.00**	1,33,143.00	**1,33,143.00**
17) Withheld for Finalization of LD				
Learn Nature Construction	2,63,218.00	**2,63,218.00**	2,63,218.00	**2,63,218.00**





SCHEDULE [7] CURRENT LIABILITIES AND PROVISIONS				
Particulars	Current Year 2024-25 ₹		Previous Year 2023-24 ₹	
A) CURRENT LIABILITIES				
18) Withhold Amount due to Non- Achivement of Milestone from Contractor	24,22,692.00	**24,22,692.00**	24,22,692.00	**24,22,692.00**
19) Withheld for maintanance of Street light	55,856.00	**55,856.00**	55,856.00	**55,856.00**
f) CG Government	310.00	**310.00**	308.00	**308.00**
vi) Refundable to Oriana Fund	-	-	-	-
vii) GIA Refundable to MoHFW				
General	-		-	
Capital	-		-	
Salary	-	-	-	-
viii) Interest Refundable to MoHFW				
Interest earned on BOI Current Plus A.C. (96542011000157) Operation	-	-	-	-
ix) Student related liability	2,970.00	**2,970.00**	3,150.00	**3,150.00**
x) Nursing Association	8,350.00	**8,350.00**	8,350.00	**8,350.00**
TOTAL (A)		**30,79,54,046.47**		**28,08,72,618.99**

B) PROVISIONS				
i) External Remittance	2,41,526.00	2,41,526.00	3,70,914.00	**3,70,914.00**
ii) NPS Payable	14,92,121.00	14,92,121.00	37,25,826.00	**37,25,826.00**
iii) Salary Payable	10,50,206.00	10,50,206.00	10,52,678.00	**10,52,678.00**
iv) General Provident Fund	3,11,14,952.00	3,11,14,952.00	2,84,31,952.00	**2,84,31,952.00**
v) Gratuity	10,00,000.00	10,00,000.00	10,00,000.00	**10,00,000.00**
vi) Pension Payable to Retired Employees	1,34,188.00	1,34,188.00	-	-
vii) Interest on Pension Fund account	82,52,296.00	82,52,296.00	54,47,805.00	**54,47,805.00**
viii) PAO PR. Accountant General (Audit) New Delhi	2,43,335.00	**2,43,335.00**		
TOTAL (B)		**4,35,28,624.00**		**4,00,29,175.00**

GRAND TOTAL (A+B)	**35,14,82,670.47**	**32,09,01,793.99**

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SCHEDULE [8] FIXED ASSETS AS ON 31/03/2025

		GROSS BLOCK				DEPRECIATION BLOCK				NET BLOCK	
S.N.	PARTICULARS	Cost valuation As at beginning of the Year	Additions during the year	Deduction During the year	Cost/ Valuation at the Year-End	As at the Beginning of the Year	Additions during the year	Deduction During the year	Total up to the Year-End	As at the Current Year-End	As at the previous Year-End
1	LAND	300.00	-	-	300.00	-	-	-	-	**300.00**	300.00
2	BUILDING	5,66,16,91,584.00	2,04,57,46,952.00	-	7,70,74,38,536.00	2,02,06,02,692.00	56,73,05,559.00	-	2,58,79,08,251.00	**5,11,95,30,285.00**	3,64,10,88,892.00
3	FURNITURE & FIXTURES	30,87,83,984.00	2,49,83,149.00	-	33,37,67,133.00	12,13,13,569.00	2,08,26,076.00	-	14,21,39,645.00	**19,16,27,488.00**	18,74,70,415.00
4	OFFICE EQUIPMENT	4,61,81,043.00	1,06,29,120.00	-	5,68,10,163.00	1,88,41,159.00	50,24,509.00	-	2,38,65,668.00	**3,29,44,495.00**	2,73,39,884.00
5	COMPUTER	9,19,21,743.00	5,42,03,325.00	-	14,61,25,068.00	7,33,43,445.00	1,83,61,744.00	-	9,17,05,189.00	**5,44,19,879.00**	1,85,78,298.00
6	ELECTRIC INSTALLATIONS	56,07,31,510.00	2,98,51,577.00	-	59,05,83,087.00	20,64,56,822.00	3,70,51,049.00	-	24,35,07,871.00	**34,70,75,216.00**	35,42,74,688.00
7	PLANTS & MACHINERY	3,78,96,88,145.27	53,22,50,692.68	-	4,32,19,38,837.95	1,77,63,79,719.00	35,10,82,690.00	-	2,12,74,62,409.00	**2,19,44,76,428.95**	2,01,33,08,426.27
8	BOOKS	4,47,77,469.00	-	-	4,47,77,469.00	3,65,49,680.00	32,91,116.00	-	3,98,40,796.00	**49,36,673.00**	82,27,789.00
9	MOTOR VEHICLE	25,90,376.00	25,35,000.00	-	51,25,376.00	16,95,919.00	5,14,419.00	-	22,10,338.00	**29,15,038.00**	8,94,457.00
TOTAL RUPEES		**10,50,63,66,154.27**	**2,70,01,99,815.68**	**-**	**13,20,65,65,969.95**	**4,25,51,83,005.00**	**1,00,34,57,162.00**	**-**	**5,25,86,40,167.00**	**7,94,79,25,802.95**	**6,25,11,83,149.27**
CAPITAL WORK-IN PROGRESS DURING THE YEAR 2024-25		**2,61,76,30,832.21**	**27,52,68,217.00**	**2,11,71,65,374.90**	**77,57,33,674.31**	-	-	-	-	**77,57,33,674.31**	**2,61,76,30,832.21**
WIP Academic/ Admin Block		1,96,96,02,400.00		1,96,96,02,400.00	-	-	-	-	-	-	1,96,96,02,400.00
WIP Residential Phase-II		57,57,492.00			57,57,492.00	-	-	-	-	57,57,492.00	57,57,492.00
Payment Made to HLL in WIP		35,00,22,471.31	6,53,072.00		35,06,75,543.31	-	-	-	-	35,06,75,543.31	35,00,22,471.31
WIP 150 bedded crital care unit Aayushman infra		8,87,00,000.00	23,74,00,000.00		32,61,00,000.00	-	-	-	-	32,61,00,000.00	8,87,00,000.00
WIP (Central Pharmacy upgradation)		39,65,628.00		39,65,628.00	-	-	-	-	-	-	39,65,628.00
WIP Boundry Wall		1,21,32,323.00		1,21,32,323.00	-	-	-	-	-	-	1,21,32,323.00
WIP Cricket Ground		17,58,020.00			17,58,020.00	-	-	-	-	17,58,020.00	17,58,020.00
WIP Electrical Upgradation Work		58,74,215.00			58,74,215.00	-	-	-	-	58,74,215.00	58,74,215.00
WIP Nurses Station		54,23,895.00		54,23,895.00	-	-	-	-	-	-	54,23,895.00
WIP (Rural Health Training Compound Wall)		1,11,75,060.00		1,11,75,060.00	-	-	-	-	-	-	1,11,75,060.00
WIP-Parking Shade		-	54,57,957.00		54,57,957.00	-	-	-	-	54,57,957.00	-
WIP Wall Corner Angle		33,79,835.00		33,79,835.00	-	-	-	-	-	-	33,79,835.00

WIP (9350FLCDP240001)	28,252.74		28,252.74	-	-	-	-	-	-	28,252.74
WIP (9350FLCDP240002)	26,092.16		26,092.16	-	-	-	-	-	-	26,092.16
WIP- Lan Networking Wifi BSNL	-	3,17,57,188.00		3,17,57,188.00	-	-	-	-	3,17,57,188.00	-
WIP Renal Transplant Ward	-			-	-	-	-	-	-	-
WIP Severage System	23,59,097.00		23,59,097.00	-	-	-	-	-	-	23,59,097.00
WIP Vinyl Sports Flooring	-			-	-	-	-	-	-	-
WIP Against Lien	15,74,26,051.00		10,90,72,792.00	4,83,53,259.00	-	-	-	-	4,83,53,259.00	15,74,26,051.00

TOTAL	**8,72,36,59,477.26**

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SCHEDULE [9] INVESTMENTS FROM EARMARKED/ ENDOWMENT FUNDS		
Particulars	**Current Year 2024-25 ₹**	**Previous Year 2023-24 ₹**
a) In Government Securities	-	-
b) Other approved Securities	-	-
c) Shares	-	-
d)Debentures and Bonds	-	-
e) Subsidiaries and Joint Ventures	-	-
f) Others (to be specified)	-	-
Total	-	-

SCHEDULE [10] INVESTMENT OTHERS		
Particulars	**Current Year 2024-25 ₹**	**Previous Year 2023-24 ₹**
a) In Government Securities	-	-
b) Other approved Securities	-	-
c) Shares	-	-
d)Debentures and Bonds	-	-
e) Subsidiaries and Joint Ventures	-	-
f) Others (to be specified)	-	-
Total	-	-

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SCHEDULE [11] CURRENT ASSETS, LOANS, ADVANCES ETC.				
Particulars	**Current Year 2024-25 ₹**		**Previous Year 2023-24 ₹**	
CURRENT ASSETS				
a) Invetories				
1 Stores and Spares	-		-	
2 Loose Tools	-		-	
3 Stock in trade	-		-	
Finished Goods	-		-	
Work in progress	-		-	
Raw Materials	-	-	-	-
b) Sundry Debtors:				
1 Debts Outstanding for a period exceeding six moths				
i) Telecommunication Consultants India Limited	-		2,63,835.00	-
ii) Shahban Hussain	2,24,791.00	**2,24,791.00**	2,24,791.00	**4,88,626.00**
2 Others				
i) Rent Receivable				
a) Seema Agency	35,780.00		35,780.00	
b) Amul Parlour	5,22,179.00		3,61,340.00	
c) Nescafe	53,156.00		13,289.00	
ii) Electricity Charges receivable	23,39,402.00			
iii) VRDL	-	**29,50,517.00**	2,799.80	**4,13,208.80**
3 Statotury Dues Receivable				
i) TDS from SBI	2,70,901.00		1,25,943.00	**1,25,943.00**
ii) TDS from PNB	4,65,270.00			
iii) TDS from UBI	28,40,129.00			
iv) TDS from CSPDCL	6,349.00			
v) TDS on Sale	698.00	35,83,347.00		
c) Cash balances in hand (including cheques and imprest)	3,28,746.00	**3,28,746.00**	2,98,223.00	**2,98,223.00**
d) Bank Balances:				
1 With Scheduled Banks				
On Current Accounts				
a) Bank of India Current Plus A/c No. 935420110000157	(3,73,30,022.59)		48,81,04,713.56	
b) Bank of India Current Plus A/c No. 936320110000024	47,86,57,806.96		9,45,15,348.14	
c) State Bank of India (ARPAN) A/c No. 36721449858	2,14,80,642.66		2,01,70,822.66	
d) PMJAY-Ayushman Bharat (A/c No.: 936320110000307)	75,19,63,427.19		54,88,077.19	
e) State Bank of India (Pension & PF Fund) 39381410389	42,73,106.65		2,61,79,333.65	
f) State Bank of India (ROGI Kalyan Samiti) 42210166476	98,70,520.00		99,75,000.00	

SCHEDULE [11] CURRENT ASSETS, LOANS, ADVANCES ETC.				
Particulars	**Current Year 2024-25 ₹**		**Previous Year 2023-24 ₹**	
g) Bank of India (ICMR PICOS) 936310210000010	32,48,506.57		33,83,602.23	
h) Bank of India (Rashtriya Arogaya Nidhi 936320110000282	67,188.70			
i) PNB (PM Abhim) 0972100100037859	25,18,218.00			
j) State Bank of India (CGHS) 41974758450	4,08,606.94			
k) Union Bank of India 433002010016312	(1.00)			
l) Union Bank of India 433002010016313	1.00			
m) Reserve Bank of India (10597701063)	-	**1,23,51,58,001.08**	-	**64,78,16,897.43**
On deposit Accounts(including margin money)				
On Saving Account				
a) Bank of India (Research Grant) A/c No. 936310110005302	12,37,28,821.55		7,45,47,246.23	
b) HDFC Bank (50100469127051)	1,88,10,756.63		4,50,30,349.63	**11,95,77,595.86**
c) Union Bank of India 433002010017331	9.00	**14,25,39,587.18**		
2 With Non-Scheduled Banks				
On Current Accounts	-		-	
On deposit Accounts(including margin money)	-		-	
On Saving Account	-	-	-	-
e) Fixed Deposit with Schedule Bank				
BOI 935245110007199	-		25,38,84,005.00	
BOI 935245110007200	-		25,38,84,005.00	
BOI 935245110007201	-		1,52,33,04,032.00	
UBI FD 540903020000771	252778388.00			
UBI FD 540903030016183	252778387.00			
UBI FD 540903030016184	252778387.00			
UBI FD 540903030016185	252778387.00			
UBI FD 540903030016187	252778387.00			
UBI FD 540903030016188	252778387.00			
UBI FD 540903030016189	252778388.00			
UBI FD 540903030016190	252778388.00			
UBI FD 540903030016191	202222709.00			
UBI FD 540903030016192	101111356.00			
SBI FD (Gpf) Amrit Vrishti Scheme	26774100.00			
HDFC FD	23377208.00	**2,37,57,12,472.00**		**2,03,10,72,042.00**
f) Advances & Security Deposits				
1) Advances to Contractors/ Vendors				
HSCC (I) Ltd.	4,01,628.00		4,01,628.00	
CPWD Furniture (Academic & Admin Block)	2,00,00,000.00		2,00,00,000.00	
BPL Medical Technologies, Delhi	2,402.00		2,402.00	
Elite Trading Co., Delhi	6,042.00		6,042.00	
Call Me Services	2,04,750.00		-	

SCHEDULE [11] CURRENT ASSETS, LOANS, ADVANCES ETC.				
Particulars	Current Year 2024-25 ₹		Previous Year 2023-24 ₹	
Intec India Ltd., Delhi	7,781.00		7,781.00	
Shri B Gopa Kumar	8,040.00		8,040.00	
Mukesh & Associates	1,31,100.00		1,31,100.00	
Sage Publication	45,847.83		45,847.83	
Total Library Solution	2,22,881.30		2,22,881.30	
BL Kashyap and Sons Ltd. (Interim Advance)	48,72,959.00		48,72,959.00	
Jenflora Biotech, Gujrat	-		157.00	
Punjloyd Ltd. (Interim Advance)	1,19,68,602.00		1,19,68,602.00	
National Informatics Centre Services Inc.	19,51,296.00		12,22,437.00	
Ultra Tech Laboratories Pvt. Ltd.	7,500.00		7,500.00	
Winglobe Healthcare P. Ltd. Bangalore	31,800.00		31,800.00	
Redimage Healthcare India Pvt. Ltd.	4,748.00		4,748.00	
Registrar IIT Madras	18,77,616.00	**4,17,44,993.13**	18,77,616.00	**4,08,11,541.13**
2) Other Advances				
Contingent Advances	1,06,400.75		16,076.75	
Contingent Advance (Extramural Fund)	25,38,824.69		21,38,381.69	
Imprest Money	1,12,634.96		1,42,337.00	
CA Jain M Prasad	2,800.00		2,800.00	
R R Traders	1,227.00		1,227.00	
Omshanti Traders	58,716.00		58,716.00	
LTC Advances	4,10,532.00		7,64,052.00	
TA on Official Visit	9,78,160.00		4,14,347.00	
Financial Assistance for CME/ Workshop	-		3,00,000.00	
Contingent Advance (Intramural)	5,59,178.00	**47,68,473.40**	6,50,612.00	**44,88,549.44**
3) Security Deposits				
i) Security deposit with BSNL	14,845.00		14,845.00	
ii) Security deposit with CSPDCL	1,55,20,937.71	**1,55,35,782.71**	95,20,937.71	**95,35,782.71**
4) Intramural Fund Balance	**5,40,457.00**	**5,40,457.00**	5,40,457.00	**5,40,457.00**
g) Bills receivable from Employees	5,02,012.00	**5,02,012.00**	3,18,263.00	**3,18,263.00**
TOTAL		**3,82,35,89,179.50**		**2,85,54,87,129.37**

Note: Amounts due within one year

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SCHEDULES FORMING PART OF INCOME & EXPENDITURE ACCOUNTS AS ON 31/03/2025

SCHEDULE [12] INCOME FROM SALES/ SERVICES		
Particulars	**Current Year 2024-25 ₹**	**Previous Year 2023-24 ₹**
a) Income from Sales		
i) Sale of Finished Goods	-	-
ii) Sale of Raw Material	-	-
iii) Sale of Scrape	-	-
b) Income from Services		
i) Receipts From Medical College		
a) Admission Fees	18,97,276.00	17,34,579.00
b) Entrance Fees	1,31,000.00	1,43,63,703.36
c) Examination Fees	65,245.00	66,480.00
d) Student Transcript Fee	22,000.00	1,41,141.00
e) Receipts from Library	7,665.00	13,205.00
f) Other Receipts	65,280.00	42,530.00
ii) Receipts From Hospital	19,26,85,119.00	17,81,22,136.00
Total	**19,48,73,585.00**	**19,44,83,774.36**

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SCHEDULE [13] GRANTS/ SUBSIDIES		
Particulars	**Current Year 2024-25 ₹**	**Previous Year 2023-24 ₹**
(Irrevocable grants & Subsidies Received)		
a) Central Government (Ministry of Health & Family Welfare))		
i) Grants-in-Aid (Salary)	4,40,00,00,000.00	3,88,00,00,000.00
ii) GIA- Salary (ECRP-II)	-	-
iii) Grants-in-Aid (General)	2,08,00,00,000.00	1,77,00,00,000.00
iv) GIA- General (ECRP-II)	-	-
v) Grants-in-Aid (Creation of Capital Assets)	58,00,00,000.00	1,13,40,00,000.00
vi) Grants-in-Aid (Swachhata Action Plan) (General)	2,20,00,000.00	2,00,00,000.00
vii) GIA- Creation of Capital Assets (Non Recurring) PM-ABHIM	6,00,00,000.00	-
b) State Government	-	-
c) Government Agencies	-	-
d) Institutions/ Welfare Bodies	-	-
e) International Organisations	-	-
f) Others (specify)	-	-
Total	**7,14,20,00,000.00**	**6,80,40,00,000.00**

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SCHEDULES FORMING PART OF INCOME & EXPENDITURE ACCOUNTS AS ON 31/03/2025

SCHEDULE [14] FEES/ SUBSCRIPTIONS		
Particulars	**Current Year 2024-25 ₹**	**Previous Year 2023-24 ₹**
a) Entrance Fees	-	-
b) Annual Fees/ Subscriptions	-	-
c) Seminar/ Program Fees	-	-
d) Consultancy fees	-	-
e) Others (Specify)	-	-
Total	**-**	**-**

SCHEDULE [15] INCOME FROM INVESTMENT		
(Income on Invest. From Earmarked/ Endowment Funds transferred to Funds, Rent etc.	**2024-25 ₹**	**2023-24 ₹**
a) Interest		
i) On Govt. Securities (Bank Interest)	-	-
ii) Other Bond/ Debentures	-	-
b) Dividents:		
i) On Shares	-	-
ii) On Mutual Fund Securities	-	-
c) Rents	-	-
d) Others	-	-
Total	**-**	**-**

SCHEDULE [16] INCOME FROM ROYALTY, PUBLICATION ETC.		
Particulars	**Current Year 2024-25 ₹**	**Previous Year 2023-24 ₹**
a) Income From Royalty	-	-
b) Income from Publications	-	-
c) Others (Specify)	-	-
Total	**-**	**-**

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SCHEDULES FORMING PART OF INCOME & EXPENDITURE ACCOUNTS AS ON 31/03/2025

SCHEDULE [17] INTEREST EARNED		
Particulars	**Current Year 2024-25 ₹**	**Previous Year 2023-24 ₹**
a) On FFD deposits :		
i) With Scheduled Banks	3,23,27,066.00	2,11,24,085.00
ii) With Non Scheduled Banks	-	-
iii) With Institutions	-	-
iv) Others	-	-
b) On Fixed Deposits :		
i) With Scheduled Banks	15,91,18,059.00	14,30,97,251.00
ii) With Non Scheduled Banks	-	-
iii) With Institutions	-	-
iv) Others	-	-
c) On Saving Accounts:		
i) With Scheduled Banks	58,53,374.93	26,30,387.39
ii) With Non Scheduled Banks	-	-
iii) With Institutions	-	-
iv) Others	-	-
d) On Loans		
i) Employees/ Staff	-	-
ii) Others	-	-
e) Interest from CSEB	27,19,684.00	23,07,306.00
f) Interest received from Income Tax Refund	-	-
Total	**20,00,18,183.93**	**16,91,59,029.39**

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SCHEDULES FORMING PART OF INCOME & EXPENDITURE ACCOUNTS AS ON 31/03/2025

SCHEDULE [18] OTHER INCOME		
	Current Year 2024-25 ₹	Previous Year 2023-24 ₹
a) Profit on Sale/ disposal of Assets		
i) Sale of Scrap	6,98,288.00	5,48,297.00
b) Licence Fees	8,63,367.00	12,45,841.00
c) Tender Fees	-	-
d) Miscellaneous Income		
i) Liquidated Damage	1,39,12,580.00	64,72,533.12
ii) Notice Period Recovery from Staff	21,40,975.00	36,86,391.00
iii) Forfiture of SD/EMD/FDR	51,21,264.00	9,03,216.00
iv) Received from Guest House	5,46,550.00	2,31,010.00
v) Other Receipts	23,58,808.72	16,62,486.73
vi) Received from Gym	21,250.00	15,250.00
vii) General Damage	56,917.00	1,54,830.88
viii) Penalty Receipts	1,76,29,197.00	75,04,055.00
ix) Receipt from Labour Charges Collection	14,341.00	38,146.00
x) Receipt from Postal Order deposits/RTI Fee	100.00	1,638.00
xi) Receipt from Insurance Charges	24,886.00	16,366.00
xii) Receipt from Hostel	1,07,600.00	1,58,250.00
xiii) Rent Receipt from Auditorium	-	80,000.00
xiv) Receipt from Telecommunication Consultants India Ltd	-	6,04,631.00
xv) CGHS Claim received	4,19,197.08	
e) Rent Received	6,18,120.00	6,72,522.00
f) Receipt in ARPAN Fund	51,153.00	80,404.01
g) Employee Health Scheme	1,73,18,301.00	1,00,17,500.00
h) Kayakalp Award Money Receipt	-	39,50,000.00
i) PMJAY-Ayushman Bharat Claim Receipts	88,86,94,904.00	6,30,89,531.00
Incentive of Ayushman Bharat Digital Mission	97,52,980.00	61,13,796.00
j) Unclaimed Creditors more than 3 years old	-	36,687.00
k) Unclaimed Earnest Money Deposits more than 3 years old	6,61,940.60	16,12,693.00
l) Unclaimed Security Deposits by Vendor's more than 3 years old	15,28,680.00	34,12,051.00
m) Unclaimed Security Deposits by Employees more than 3 years old	8,000.00	(5,000.00)
n) Institute Overhead Charges (Extramural Fund)	16,27,953.20	18,066.00
Total	**96,41,77,352.60**	**11,23,21,191.74**

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SCHEDULES FORMING PART OF INCOME & EXPENDITURE ACCOUNTS AS ON 31/03/2025

SCHEDULE [19] INCREASE/ (DECREASE) IN STOCK IN FINISHED GOODS		
Particulars	**Current Year 2024-25 ₹**	**Previous Year 2023-24 ₹**
a) Closing Stock	-	-
Finished Goods	-	-
Work-in-progress	-	-
b) Less: Opening Stock	-	-
Finished Goods	-	-
Work-in-progress	-	-
NET INCREASE/ (DECREASE) (a-b)	-	-

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SCHEDULES FORMING PART OF INCOME & EXPENDITURE ACCOUNTS AS ON 31/03/2025

SCHEDULE [20] ESTABLISHMENT EXPENSES		
Particulars	**Current Year 2024-25 ₹**	**Previous Year 2023-24 ₹**
Salaries, wages	2,06,94,02,971.00	1,82,59,69,969.00
Allowances	1,99,35,30,271.00	1,56,07,20,892.00
Contribution to New Pension Scheme	30,97,77,740.00	25,34,53,729.00
Leave Salary and Pension Contribution for deputed Officer/Faculty	43,14,553.00	76,93,289.00
Interest on GPF Contributed by AIIMS	4,74,011.00	14,45,686.00
Interest on Death cum Retirement Gratuity and Pension	-	10,23,592.00
Staff welfare expenses	1,77,84,578.00	1,44,93,736.00
Others (Leave Travel Concession)	2,60,00,700.00	1,78,66,199.00
Gratuity	95,35,542.00	35,84,810.00
Total	**4,43,08,20,366.00**	**3,68,62,51,902.00**

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SCHEDULES FORMING PART OF INCOME & EXPENDITURE ACCOUNTS AS ON 31/03/2025

SCHEDULE [21] OTHER ADMINISTRATIVE EXPENSES ETC.		
Particular	**Current Year 2024-25 ₹**	**Previous Year 2023-24 ₹**
Electricity and Power	18,53,29,862.00	18,16,84,215.00
Repair and Maintenance	11,95,57,841.00	9,45,80,405.00
Advertisment	24,30,791.00	26,08,127.00
Telephone	74,25,352.00	52,75,146.00
Postal charges	1,44,709.00	1,39,230.00
Printing and Stationary	1,91,85,344.00	1,21,56,458.00
Training & Development Expenses	-	6,05,897.00
Entertainment expenses	86,820.00	1,21,920.00
Meeting Expenses	36,08,166.00	44,46,418.60
Outsourcing expenses	54,53,57,942.00	52,43,51,331.00
Learning Resourse Allowances	2,88,82,154.00	2,75,44,443.00
Medicine & Consumables	74,06,82,365.00	68,83,35,837.00
Travelling	3,39,34,370.00	2,41,51,267.00
Conference/Seminar Expenses & Registration Expenses	11,77,699.00	6,92,101.00
Software Maintenance Expenses	1,03,36,436.00	69,20,680.00
Electrical Maintenance Expenses	4,39,74,524.00	4,10,49,422.00
Diet for Patient	5,08,39,107.00	3,07,81,202.00
Books, News Paper, Magazines	32,52,380.00	38,61,760.00
E-Journal Subscription	2,57,11,357.76	2,01,99,476.12
Office Expenses	5,80,717.68	13,18,190.22
Garbage Disposal Expenses	11,78,408.00	2,70,907.00
Rent & Hire Charges	98,51,685.00	1,00,21,094.00
Fuel Charges	7,84,450.00	17,82,730.00
Professional Legal & Statutory Charges	41,88,758.00	41,52,160.00
Audit Expenses	4,69,355.00	-
Bank Charges	75,287.32	11,804.38
Insurance	31,913.00	71,011.00
Computer Repair & Maintanance	46,787.00	1,13,724.00
Examination Expenses for various recruitment	-	1,00,27,943.00
Expenses Under Oriana	-	13,69,870.00
Municipal Taxes	39,55,360.00	42,17,501.00
Admission fees (Transfer/Refund)	15,864.00	73,148.00
Prize Distribution Expenses	2,90,054.00	6,97,945.50
Stipend Paid to Students	5,48,99,715.00	4,22,50,628.00
General Consumable for Office Management	14,14,13,178.00	1,25,49,703.00
Expenses under Rogi Kalyan Samiti	83,984.00	25,000.00
Book Allowance	1,96,081.00	96,183.00
Bag Allowance	19,44,284.00	7,77,745.00
Emolument Paid Under Intramural Fund	4,61,555.00	14,21,443.00
Lease Rent Expenses	2.00	2.00
Convocation Expenses	35,31,350.00	44,83,100.14
Envriroment Conservation Charges	39,00,000.00	-
Thesis Expenses	5,26,519.00	-
Renewal of Licence	25,000.00	
Sports Activity Expenses	78,000.00	-
Photography & video	4,99,500.00	
Expenses under Kayakalp Award	9,37,565.00	
Total	**2,05,18,82,591.76**	**1,76,52,37,167.96**

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SCHEDULES FORMING PART OF INCOME & EXPENDITURE ACCOUNTS AS ON 31/03/2025

SCHEDULE [22] EXPENDITURE ON GRANTS, SUBSIDIES ETC.		
Particular	**Current Year 2024-25 ₹**	**Previous Year 2023-24 ₹**
a) Grants given to Institution/ Organisations	-	-
b) Subsidies given to Institutions/ Organisations	-	-
c) Expenses Under Kayakalp Award Money Receipt	-	24,69,292.00
Total	**-**	**24,69,292.00**

SCHEDULE [23] INTEREST		
Particular	**Current Year 2024-25 ₹**	**Previous Year 2023-24 ₹**
a) On Fixed Loans	-	-
b) On Other Loans (Including Bank Charges)	-	-
c) Others (Specify)	-	-
Total	**-**	**-**

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ALL INDIA INSTITUTE OF MEDICAL SCIENCES, RAIPUR (CHHATTISGARH)

UTILIZATION CERTIFICATE FOR THE PERIOD 01.04.2024 TO 31.03.2025

UTILIZATION DETAILS		
Particular		**Current Year 2024-25 ₹**
Opening Balance of Grants		
GIA- Salary	36,03,78,797.00	
GIA- General	-	
GIA- Creation of Capital Assets	-	
GIA- Creation of Capital Assets (Non Recurring)	440.00	
GIA- Creation of Capital Assets (Non Recurring) PM-ABHIM	17,74,00,000.00	
GIA- General (Swatchhata Action Plan)	-	**53,77,79,237.00**
(+) Grant Received During The Year		
GIA- Salary	4,40,00,00,000.00	
GIA- General	2,08,00,00,000.00	
GIA- Creation of Capital Assets	58,00,00,000.00	
GIA- Creation of Capital Assets (Non Recurring)	-	
GIA- Creation of Capital Assets (Non Recurring) PM-ABHIM	6,00,00,000.00	
GIA- General (Swatchhata Action Plan)	2,20,00,000.00	**7,14,20,00,000.00**
(-) Utilization During the Year		
GIA- Salary	4,44,03,78,797.00	
GIA- General	2,08,00,00,000.00	
GIA- Creation of Capital Assets	58,00,00,000.00	
GIA- Creation of Capital Assets (Non Recurring)	-	
GIA- Creation of Capital Assets (Non Recurring) PM-ABHIM	23,74,00,000.00	
GIA- General (Swatchhata Action Plan)	2,20,00,000.00	**7,35,97,78,797.00**
(-) Refunded/Adjusted During the Year		
GIA- Salary	-	
GIA- General	-	
GIA- Creation of Capital Assets	-	
GIA- Creation of Capital Assets (Non Recurring)	-	
GIA- Creation of Capital Assets (Non Recurring) PM-ABHIM	-	
GIA- General (Swatchhata Action Plan)	-	-
Unspent Balance on Grants		
GIA- Salary	32,00,00,000.00	
GIA- General	-	
GIA- Creation of Capital Assets	-	
GIA- Creation of Capital Assets (Non Recurring)	440.00	
GIA- Creation of Capital Assets (Non Recurring) PM-ABHIM	-	
GIA- General (Swatchhata Action Plan)	-	**32,00,00,440.00**

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SCHEDULE- 24

SIGNIFICANT ACCOUNTING POLICIES AND NOTES TO ACCOUNTS AS ON 31.03.2025

A. ACCOUNTING CONVENTION

- The financial statement is prepared on the basis of historical cost convention, unless otherwise stated and on the accrual method of accounting.

- Fromthe First Annual Account, the Institute has followed the Accounting Policy wherein, bills/payments approved by the competent authority on or before 31st March of the Financial Years but were not settled before the closure of the financial year are treated as Current Liabilities and necessary provisions are made for the same. For rest of the bills, payments are made as and when the approval is received and is accounted for in that particular financial year.

B. INVESTMENTS

- No investment made during the year ended on 31st March 2025.

C. FIXED ASSETS

- Fixed Assets are stated at the cost of acquisition inclusive of inward freight, duties and taxes, incidental and direct expenses related to acquisition. In respect to projects involving construction, related preoperational expenses form part of the value of the assets capitalized.

D. DEPRECIATION

- Depreciation is provided on written down value of assets. Rate of depreciation has been taken from rates specified in Income Tax Act 1961.
- Assets which are purchased or created in financial year 2024-25 but no put to use dates are provided, management has taken date of purchase as date of acquisition/date of put to use and depreciation has been charged accordingly.
- Following are WIP transferred to Fixed Assets:

S.No	Particulars	Amount of WIP transferred to Fixed Assets (Rs.)	Date of Transfer
1.	WIP Academic/ Admin Block	196,96,02,400.00	15.04.2024
2.	WIP (Central Pharmacy upgradation)	39,65,628.00	30.03.2024
3.	WIP Boundry Wall	1,21,32,323.00	07.12.2024
4.	WIP Nurses Station	54,23,895.00	18.02.2024
5.	WIP (Rural Health Training Compound Wall)	1,11,75,060.00	04.07.2024
6.	WIP Wall Corner Angle	33,79,835.00	27.03.2024
9.	WIP Sewerage System	23,59,097.00	09.02.2023
7.	WIP (9350FLCDP240001)	28,252.74	31.03.2025
8.	WIP (9350FLCDP240002)	26,092.16	31.03.2025
10.	WIP Against Lien	10,90,72,792.00	31.03.2025

Since we have received date of put to use/ date of completion during FY 2024-25, we charged depreciation accordingly.

E. REVENUE RECOGNITION

- Revenue from sales and service as reflecting in Income & Expenditure Accounts includes fees collected from students, collections from hospital (OPD, IPD, DIAGNOSTIC TEST, etc.) on cash basis. Also cash basis of accounting i.e. as and when realized has been adopted on other income as mentioned in schedule 18 of Income Expenditure Account.
  Only income from bank deposits has been considered on accrual basis.

F. MISCELLANEOUS EXPENDITURE

- No Miscellaneous expenditure concept apply in AIIMS, Raipur.

G. GOVERNMENT GRANTS AND SUBSIDIES

- Government Grants received from Ministry of Health and Family welfare, Government of India for creation of Capital Asset has directly been transferred to Corpus and Capital Fund, under Capital Account in Balance Sheet.
- Government Grants received from Ministry of Health and Family welfare, Government of India for Salary and General has directly been transferred to Income and expenditure account, under Grants and Subsidies head.

H. FOREIGN CURRENCY TRANSACTIONS

- Transaction denominated in foreign currency are accounted at the exchange rate prevailing at the date of the transaction.

I. RETIREMENT BENEFITS

- AIIMS Raipur is a fully funded Central Autonomous Body and Institute of National Importance, under the Ministry of Health & Family Welfare, Government of India. The Ministry has decided by order vide dated 18th June 2024, that Statutory provision for Payment of Gratuity is extended to pro rata pensioners and new entrants who joined AIIMS on or after 01.01.2004.

- Some employees have joined AIIMS, Raipur on technical resignation and are covered under Old Pension Scheme. Accordingly, their GPF Subscription has been deducted. The Institute has opened an interest bearing Pension & Fund Account in State Bank of India, Raipur for those faculties whose Pro rata Pensionary benefits have been received from their previous employers. Their GPF Subscription and Pro rata Pensionary benefits of ₹3,11,14,952.00 is to be transferred in above bank account as shown in Schedule-7.

- As per the decision taken in the Standing Finance Committee and ratified by the Governing Body of the Institute, difference of Interest (actual interest applicable to GPF subscription minus the interest accrued due to investment in Fixed Deposit in Bank) in GPF is to be bear by the Institute.

  For FY 2024-25 the difference amount of ₹ 19,19,697.00 has to be transferred.

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SCHEDULE- 25

CONTINGENT LIABILITIES AND NOTES ON ACCOUNTS

A. CONTINGENT LIABILITIES

- Nil

B. COMMITED LIABILITIES

- Amount of Lien as on 31.03.2025 as per Bank information is ₹ 4,83, 53,259.00.

C. CURRENT ASSETS, LOANS & ADVANCES, CURRENT LIABILITY

- In opinion of management, current assets, loans & advances and Current Liability have a value on realization in the ordinary course of business, equal at least to the aggregate amount shown in the Balance Sheet.

D. TAXATION

- In view of management there being no taxable income under Income Tax Act 1961, therefore no provision for Income Tax has been made in books of accounts.

E. FOREIGN CURRENCY TRANSACTION

	Value of Imports Calculated	2024-25	2023-24
i.	Capital Goods	2,11,83,984.00	₹7,00,75,096.84
ii.	Stores, Spares and Consumables/Software renewal	3,25,046.00	₹1,41,24,176.12

F. Bank Guarantee/ FDR Detail

PSD in the form of Bank Guarantee and FDR kept in AIIMS, Raipur as on dated 31.03.2025 is as below:-

S.N.	Department	Amount in ₹
1	Project Cell for Packages/DPR Works	34,50,45,793.00
2	Stores Central	19,35,38,516.52
3	Stores Hospital	5,15,82,206.00
4	Security Department	74,03,000.00

G. Other Notes

1. Corresponding figures for the previous year has been re-grouped and re-arranged wherever found necessary.
2. Schedule 1-25 as annexed, form an integral part of the Balance Sheet as on 31.03.2025 and Income and Expenditure for the year ended on the date.

3. Amount transferred from WIP to Fixed Assets are as under :-

S.No.	Fixed Assets Head	Amount in ₹
1	Building	₹200,80,38,238.00
2	Medical Equipment	10,91,27,136.90
Total		**₹211,71,65,374.90**

4. The Institute has disbursed the 12 Months' salary to the employees during the financial year. For Accounting purposes and Income Tax, the two salary i.e. Salary for the month of March, 2024 and April, 2024 was released in the month of April, 2024, as being done in Government Organization.

5. On the directions of Department of Expenditure and PMSSY, MoH&FW, the Institute has implemented the Treasury Single Account (TSA) since, November 2022. Under this system the Pay and Accounts Officer (PAO), MoH&FW issues the Assignment Limit to RBI, instead of releasing the GIA to Autonomous Body (AB), with the instruction to honour the payment instructions issued by the concerned AB up to the "Assigned Limit" in the advice. Further to facilitate payment of salary for the month of March from the assignment account of the current financial year, the AB will draw the cash/transfer the funds and keep the amount in a commercial bank for the purpose of releasing the salary for the month March to the employees in the month of April. The balances of fund remaining unutilised at the close of the year will lapse to the Government and will be written back in Government Account. Hence no provision has been made for Children Education Allowance, Learning Resource Allowance, Telephone Expenditure, Electricity Expenditure etc. in this financial year.

6. The Institute has transferred following unclaimed amount which have been overdue for more than 3 complete Accounting Years, as of 31.03.2025 under **Schedule-18 [Other Income]**:-

S.No.	Particulars	Amount in ₹
1	Earnest Money Deposits	6,61,940.60
2	Security Deposits Vendor's	15,28,680.00
Total		**21,90,620.60**

7. Measurement of Land allotted to the AIIMS Raipur

S.N.	Location/Place	Area (hect.)
1	Tatibandh, Raipur	20.743
2	Village-Umarda, Kurud- Distt. Dhamtari	4.0
3	Village-Kota, Raipur	16.10
4	Village-uparwara, Naya Raipur	17.89

H. COMPLIANCE OF SAR OBSERVATIONS FOR FINANCIAL YEAR 2023-24.

- The reply on final SAR and Management letter for the financial year 2023-24 had been provided to Ministry and Office of CAG on 08/11/2024.

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