



**AIIMS BILASPUR, HIMACHAL PRADESH**



**2023 – 24**

**ANNUAL REPORT**

The **RIISING SUN** symbolizes bright future and vital energy as a new era dawns for Medical Innovation through research in all spheres of life and also portrays preservation and nurturing of health. The **12 RAYS OF SUN** are representation of 12 districts of Himachal Pradesh which this institute would serve.

**STAFF OF CADUCEUS**, the traditional symbol of Medical Profession  
Wings of staff of Caduceus symbolizes freedom of innovation in Medical Education and Research to its faculty and students

**MOTIF** is a unique local social & cultural identity of the Himachal Pradesh, usually seen being used in Himachali Handlooms like Shawls, Caps etc. The intense colours of these portray enthusiasm for life

**CIRCULAR RING** signifies the Continuity, Consistency and Community Involvement.  
The Maroon colour represents Ambition & Passion of the members of the Institute.



**RIBBON** signifies Hope and Strength and the Golden Yellow colour portrays optimism.  
The Sanskrit saying translates into  
“LET ALL BE FREE FROM ILLNESS”

Visuals of Himachal Pradesh are incomplete without **SNOWCLAD MOUNTAINS**, which have become the identity of the State and is reflected in the name too..  
The peaks of mountains represents the height of academic and medical care the institute determines to provide.

The **BOOK** is representation of Learning and Knowledge imparted through this Institute

The local geographical identity of the District Bilaspur is the famous **BHAKRA DAM**, often termed as “Temple of Resurgent India” and huge **GOBIND SAGAR LAKE**. The Dam symbolizes the institute as storehouse of knowledge with ability to harness the potential of intelligence (water) and channelizing the energy of the youth for benefit of the society. The huge Gobind Sagar lake is representation of the vastness of the Medical Knowledge.



श्री जगत प्रकाश नड्डा  
**SHRI JAGAT PRAKASH NADDA**

माननीय केंद्रीय मंत्री

Hon'ble Union Minister

स्वास्थ्य एवं परिवार कल्याण व रसायन एवं उर्वरक मंत्रालय, भारत सरकार

Ministry of 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 उर्वरक मंत्रालय, भारत सरकार

Ministry of Health & Family Welfare and  
Chemicals & Fertilizers, Government of India





## INTRODUCTION

AIIMS, Bilaspur, an institute of national importance, has been established under the ambitious 'Pradhan Mantri Swasthya Suraksha Yojana' (Phase V), with the aim of rectifying the imbalances in the availability of affordable/reliable tertiary level healthcare in the country in general and to augment facilities for quality medical education in the under-served States. The Union Cabinet approved the project on January 03, 2018 to be developed in 3 phases. Phase 1 of this ambitious project has been constructed over an expanse of about 247 acres of land on National Highway- 205 (Shimla-Kangra/Shimla Ghumarwin road), in the village of Kothipura, District Bilaspur, Himachal Pradesh. The hospital building has been constructed with 750 beds and all the modern facilities.

The foundation stone of AIIMS Bilaspur was laid by the Hon'ble Prime Minister of India, Shri Narendra Modi Ji on October 03, 2018, and after that, on January 21, 2019, Hon'ble Union Health Minister, Shri J P Nadda Ji and Hon'ble Chief Minister of Himachal Pradesh, Shri Jai Ram Thakur Ji performed the Bhoomi Pujan.

Institute was dedicated to the nation by the Hon'ble Prime Minister of India, Shri Narendra Modi Ji on October 05, 2022 and today stands as a beacon of excellence in healthcare and medical education and as a testament to India's commitment to providing world-class healthcare services and medical education. AIIMS Bilaspur has rapidly evolved to become a pioneering institution that not only serves as a centre for comprehensive medical care but also fosters cutting-edge research, innovation, and the training of the next generation of healthcare professionals.

Nestled amidst the picturesque landscapes of Bilaspur, Himachal Pradesh, AIIMS Bilaspur embodies the vision of a healthier and more prosperous India. The institution, since its inception, has been dedicated to the mission of delivering the highest standards of healthcare services, pushing the boundaries of medical research, and producing healthcare professionals who are not only academically proficient but also compassionate and dedicated.

AIIMS Bilaspur is committed to making a meaningful difference in the lives of people, advancing medical science, and contributing to a healthier and more prosperous India.



## President's Message



It gives me immense pleasure to present the Annual Report 2023-24 of our esteemed institution. This year has been marked by significant achievements in patient care, academics, research, and community engagement.

In this last one year, we have witnessed the establishment of new departments and facilities, enabling us to provide comprehensive and advanced medical services to our patients. Our dedicated team of doctors, nurses, and medical staff have worked tirelessly to offer the best care, even in challenging circumstances, living up to the ethos of commitment, compassion, and professionalism that defines AIIMS. This expansion has led to a substantial increase in patient load, reflecting the trust our community places in us. AIIMS Bilaspur further plans to increase the gamut of patient care services to provide comprehensive tertiary level services to patients under one roof.

This year, we have expanded our academic offerings by introducing new postgraduate and superspeciality courses. These programs are designed to enhance our educational framework and better equip our graduates to meet the evolving demands of the medical field. In line with our mission to improve patient care, we have launched several innovative research projects. Frugal technologies in healthcare remains a special focus for research. Collaborating with esteemed national and international institutes, we aim to develop cost-effective solutions that can significantly enhance healthcare delivery. Our commitment to community engagement has also been a cornerstone of our activities this year. We have successfully conducted multiple medical camps in far-flung areas, reinforcing our dedication to improving the health of the communities we serve. These initiatives not only provide essential healthcare services but also raise awareness about preventive health measures.

I would like to extend my heartfelt gratitude to our Executive Director, Dr. Vir Singh Negi. His visionary leadership has been instrumental in making these achievements possible. His unwavering commitment to our mission has inspired our team to reach new heights. Together, these efforts reflect our ongoing dedication to excellence in education, research, and community service. We look forward to continuing our mission of advancing healthcare and education in the coming years.

**Prof. (Dr.) Randeep Guleria**  
President, AIIMS, Bilaspur (H.P.)



## Director's Review



All India Institute of Medical Sciences (AIIMS), Bilaspur (Himachal Pradesh), an institute of National Importance with autonomous functioning under the Ministry of Health and Family Welfare (MoHFW), was conceived under Phase V of the 'Pradhan Mantri Swasthya Suraksha Yojna (PMSSY)' to correct imbalances in the availability of affordable/reliable tertiary level healthcare in the country.

### Project Details

- The project for establishing AIIMS Bilaspur was approved by the Union Cabinet on January 3, 2018.
- The revised project cost of Rs 1378.04 Cr was approved for the development of land spanning 247 acres.
- M/s NBCC (I) Ltd was entrusted with overseeing the project's implementation. The EPC (Engineering, Procurement, and Construction) contract was awarded to M/s NCC Ltd.
- The procurement of Medical Equipment is supported by HITES for the procurement of 750 items under a budget of 161 Cr.
- The foundation stone of the institute was laid by the Hon'ble Prime Minister of India, Shri Narendra Modi on October 03, 2017.
- Subsequently, on January 21, 2019, Hon'ble Union Health Minister Shri J P Nadda and Hon'ble Chief Minister of Himachal Pradesh, Shri Jai Ram Thakur performed the Bhoomi Pujan. The contractual work commenced on January 24, 2019, with on-site activities beginning in June 2019.
- The project is proposed to be developed in 3 phases and Phase I of the project with 750 beds, and 41 specialty and super specialty departments.
- The first phase of the project was completed in a record time of 3 years, on 30<sup>th</sup> September 2022.
- The project was dedicated to the nation by the Hon'ble Prime Minister, Shri Narendra Modi on 5<sup>th</sup> October 2022.
- On 4<sup>th</sup> Feb 2024, Cardiac Cath Lab, CSSD and Laundry services at the institute were inaugurated
- The Hon'ble Union Health Minister inaugurated Radiotherapy services, Liquid Medical Oxygen Plant and CT Scan Machine for Emergency services on 24<sup>th</sup> Feb 2024.
- The first phase of the project was taken over from the Executing Agency on 28<sup>th</sup> Feb 2024.

### INSTITUTE ACTIVITIES

#### Patient Care:

Our dedicated team of doctors, nurses, and support staff have worked tirelessly to provide high standards of patient care and satisfaction and have catered to approximately 200,000 patients in various OPDs over the past year. The institute has seen more than 50% increase in patient visits as compared

to the previous year, reflecting institute's commitment to accessible and comprehensive care. The 'Geriatric' Clinic and the 'Non-Communicable Disease & Diabetes Clinic' were launched in September 2023, offering targeted care for elderly patients and those with chronic conditions such as diabetes. Additionally, the 'Screening OPD' began in November 2023, providing essential preventive health services. Nuclear Medicine OPD has been started in February 2024 and SPECT and PET CT are expected to be available soon.

The superspecialty department in 'Clinical Immunology and Rheumatology' was created in October 2023 and is now fully functional with three faculty providing diagnostic and therapeutic services to patients suffering from Immunological and Rheumatic disorders.

At present, AIIMS Bilaspur has 38 functional clinical departments with 17 broad specialty and 13 super-specialty clinical departments providing patient services.

Telemedicine consultations as a specialist hub are being provided to 10 districts of HP that have benefitted more than 15,000 patients.

AIIMS Bilaspur is running 6 OT tables per day and over 2,000 patients have undergone major surgeries. Medical ICU facility was available at the institute within the Medicine ward which was shifted to its permanent location in E-Block 5<sup>th</sup> floor on 6<sup>th</sup> December 2023.

Emergency and Trauma services are fully functional and have catered to more than 11000 patients in the last year. The institute is in the process of establishing a dedicated Emergency and Trauma centre to cater to the heavy load of patients. Dialysis services, introduced in the previous financial year is working at full capacity has 1873 dialysis sessions conducted this year. AIIMS Bilaspur has well-equipped laboratories with back-up of HIND Lab providing 24x7 investigative backup for indoor and OPD patients.

Radiology services are being provided to the patients with X-Ray, Ultrasound, CT scan and MRI services and more than 65,000 patients have benefitted from these services. New CT scan machine for emergency services, provided by PowerGrid under the CSR scheme, has been operationalised.

AIIMS Bilaspur has added Cath Lab services to the gamut of services being provided at the institute. In addition to cardiac cases, Intervention radiology cases have also been started in the Cath lab.

Radiotherapy services have been inaugurated in Feb 2024 and AIIMS Bilaspur now provides comprehensive cancer care services under one roof with fully functional medical oncology, Surgical Oncology and Radiation oncology services.

MoU with CGHS and ECHS is in the pipeline to provide free services to central government employees and Ex-servicemen.

At present, AIIMS Bilaspur has a daily OPD attendance of approximately 1000 patients per day. The hospital provides OPD, IPD, Daycare, 24X7 Emergency services, Dialysis, childbirth, and OT (including Laparoscopic surgery) services in various specialty and super specialty departments on available 452 beds. HIMCARE and AYUSHMAN health insurance schemes are functional, providing

free and quality care to the poor, and more than 14,724 patients have benefitted under these Govt. funded health schemes.

## Support Services:

- Liquid Medical Oxygen plant with 2 tanks of 20,000 litre capacity has been installed and has become functional ensuring adequate oxygen supply to patients.
- Laundry services at the institute have been operationalised providing effective support to the OPD, IPD, OT and other areas of the hospital.
- AIIMS Bilaspur is in the process of constructing a 250-bed night shelter under the CSR scheme of PowerGrid Corp to provide facilities for patients and attendants from far-off areas
- CSSD services started in June 2023 are fully operational.
- The institute is also equipped with two ACLS and BLS-equipped ambulances for transporting patients.
- AIIMS Bilaspur provides free Electric-cart services to patients and attendants for transport within its campus.

## ACADEMIC ACTIVITIES

**MBBS Program:** The fourth academic session of the MBBS program commenced in September 2023 with an enrollment of 100 students.

**Postgraduate Programs:** In January 2023, postgraduate courses in three Paraclinical subjects were introduced. This was followed by the launch of postgraduate programs in nine Clinical departments in July 2023, which saw an intake of 17 students across various specialties. Additional postgraduate seats were sanctioned in 21 Paraclinical and Clinical departments. In January 2024, the third batch of 25 postgraduate students joined the institute.

**Super Specialty Programs:** Super specialty courses (DM/MCh) were also commenced in January 2024 in five disciplines, including Nephrology, Clinical Immunology and Rheumatology, Endocrinology, Neonatology, and Surgical Oncology.

**Nursing and Paramedical Programs:** The second batch of BSc Nursing (Hons) students, consisting of 39 enrollees, began their studies in 2023. In addition, new BSc Paramedical courses were introduced in Medical Technology Dialysis Therapy (MDTT), Medical Laboratory Technology (MLT), and Medical Radiology and Imaging Technology (MRIT), further expanding the institution's allied health sciences offerings.

Clinical skills & simulation training center (Skills Lab) for undergraduates is about to become functional. AIIMS Bilaspur is in the process of establishing an advanced simulation lab for postgraduate teaching and skill enhancement, including a robotic surgery simulation lab.

## RESEARCH

The institute faculty is actively involved in conducting research on locally prevalent health issues and translating its applications for the benefit of the community. Last year the faculty published 142 research papers and 22 book chapters in various reputed journals and books. Over 50 research projects are being carried out in the institution and about 20 research projects have received extra-mural grants from prestigious agencies. The Institute Scientific Advisory Committee (IScAC) was set up to help prepare

scientifically sound proposals for extramural and intramural funding. The Institutional Ethics Committee is actively involved in overseeing the research projects submitted for ethical review to ensure the protection of participants and the ethical conduct of research. The institute is dedicated to promoting a culture of quality research and routinely organizes workshops for capacity building of faculty in research.

The Central Research Facility (CRF) has been established at AIIMS Bilaspur to provide centralized and cost-efficient access to a wide range of cutting-edge instruments and resources to its students and teaching staff for research.

AIIMS Bilaspur is in the process of establishing a Regional Virus Research and Diagnostic Laboratory (VRDL) that will be equipped with a Biosafety level 3 laboratory, sequencing, advanced diagnostic, and research facilities to cater to the changing epidemiology of infectious diseases, especially viral illnesses.

The Innovation, Incubation, and Entrepreneurship Cell (IIEC) has been established at AIIMS Bilaspur to promote innovation and entrepreneurship in the institution through multitudinous modes leading to an innovation promotion ecosystem.

## COMMUNITY OUTREACH

AIIMS Bilaspur is deeply committed to community outreach activities, recognizing the integral role they play in promoting public health and well-being. The institute has established a Community Outreach Cell to facilitate outreach activities. From health camps in remote tribal and high-altitude villages to educational programs in schools, the institution actively engages with local communities to raise awareness about preventive healthcare measures, disease management, and health promotion.

AIIMS Bilaspur actively participated in Viksit Bharat Sankalp Yatra in Bilaspur district and organized over 21 health camps under four blocks and screened over 450 patients for non-communicable diseases. Multi-specialty health camps were organized in remote areas of the Kangra district for vulnerable and needy populations. The institute organized awareness lectures on public health issues like HIV-AIDS, cervical cancer, Tuberculosis, Leprosy, mental health, organ donation, pharmacovigilance, blood donation, etc. to raise public awareness. Health education sessions for auxiliary nurse midwives, Anganwadi workers, and ASHAs were conducted on breastfeeding, mainstreaming millets, public health nutrition, and management of trauma patients. Captivating health activities were organized for school students to educate them about pertinent issues like menstrual hygiene, prevention of obesity, healthy diet, Safe Diwali campaign, etc. A total of about 70 community outreach activities were conducted last year.

## FUTURE PLANS

### Clinical Services

- In the near future, AIIMS Bilaspur plans to expand its extensive array of essential healthcare services. Shortly, all 750 beds will be functional with 16 state-of-the-art Operating Theatres (OTs) and 64 Intensive Care Unit (ICU) beds. Additionally, AIIMS Bilaspur plans to have a Level 3 Pediatric ICU, an IVF Centre, and facilities for Peripheral Vascular, and Thoracic Surgeries.
- The institute plans to have Multiorgan Transplant facilities. Renal transplant services, stem cell and cornea transplant services are in pipeline. The institute also plans to have a bone bank.

- AIIMS Bilaspur plans to establish a High-Altitude Medicine Centre keeping in view the unique healthcare requirements of the region.
- The institute is also working towards providing advanced diagnostic services to people like HLA typing, and molecular cancer typing for early diagnosis and treatment.

## Teaching and training

AIIMS Bilaspur is poised for expansion with ambitious plans to enrich its academic offerings.

- MBBS student intake will be increased to 125 and MD/MS and DM/MCh courses will be started in the remaining departments.
- PhD courses will be introduced, and postgraduate courses will be started in Public Health Nursing and Allied Health Sciences.
- AIIMS Bilaspur intends to establish an e-library to enhance the institution's academic environment.

## Research

AIIMS Bilaspur is committed to research and recognizes it as a cornerstone of medical advancement and innovation. Keeping in mind the needs of the people of this part of the world,

- AIIMS Bilaspur intends to focus on the development of frugal low-cost technologies & therapeutics for the Indian Population.
- Oncogene screening, Cancer cell epigenomics, and control of hospital-acquired infections are some of the target areas. High altitude Medicine, Digital health and AI in Healthcare, Generation and targeting novel gene products and therapeutic leads are some other areas that the institute will focus on for future research.

## Community Outreach

- In future, AIIMS Bilaspur aims to expand the range of healthcare services provided at community out-reach camps and to Establish Rural, Occupational and Environmental Health Centre (Farmer Health Centre).
- The institute also plans to establish Satellite centers at the remote and difficult areas of state to make best affordable healthcare accessible to all and to use them for medical value Tourism (MVT) in near future.

AIIMS Bilaspur is committed to providing quality tertiary healthcare to the people of HP and surrounding states. In the last year, the institute has made significant strides in improving our healthcare offerings. Our dedicated teams have worked diligently to expand speciality services and adopt the latest technologies, ensuring that quality care is accessible to all. The institute remains committed to providing quality medical education to its students while indulging in research aimed at improving the lives of people.

As we move forwards, commitment of the institute towards healthcare, education, and research will remain unwavering. The institute will continue to grow and serve the nation in the best way possible.

सर्वे सन्तु निरामया

**Prof. (Dr.) Vir Singh Negi**  
Executive Director & CEO  
AIIMS, Bilaspur



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## INSTITUTE BODY

| S. NO. | NAME OF MEMBER                                                                                                                               | DESIGNATION                        |
|--------|----------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|
| 1.     | <b>Prof (Dr.) Randeep Guleria</b><br>Chairman, Institute of Internal Medicine, Respiratory & Sleep Medicine, Medanta, The Medicity, Gurugram | President                          |
| 2.     | <b>Shri Anil Baluni</b><br>Member of Parliament, Rajya Sabha, New Delhi                                                                      | Member                             |
| 3.     | <b>Shri Suresh Kashyap</b><br>Member of Parliament, Lok Sabha, New Delhi                                                                     | Member                             |
| 4.     | <b>Shri Rattan Lal Kataria</b><br>Member of Parliament, Lok Sabha, New Delhi                                                                 | Till 18/05/2023                    |
|        | <b>Shri Kishan Kapoor</b><br>Member of Parliament, Lok Sabha, New Delhi                                                                      | From 04/09/2023                    |
| 5.     | <b>Shri Rajesh Bhushan</b><br>IAS, Secretary, MoHFW, Government of India                                                                     | Till 31/07/2023                    |
|        | <b>Shri Sudhansh Pant</b><br>IAS, Secretary, MoHFW, Government of India                                                                      | From 01/08/2023<br>Till 01/01/2024 |
|        | <b>Shri Apurva Chandra</b><br>IAS, Secretary, MoHFW, Government of India                                                                     | From 02/01/2024                    |
| 6.     | <b>Dr Atul Goel</b><br>Director General Health services, New Delhi                                                                           | Member                             |
| 7.     | <b>Shri Jaideep Kumar Mishra</b><br>IAS, Additional Secretary & FA, MOHFW, New Delhi                                                         | Member                             |
| 8.     | <b>Shri Prabodh Saxena</b><br>IAS, Chief Secretary, Shimla                                                                                   | Member                             |
| 9.     | <b>Prof. S P Bansal</b><br>Vice Chancellor, HP Technical University, Hamirpur                                                                | Member                             |
| 10.    | <b>Prof. Gangadhar</b><br>General Secretary (Past), Indian Science Congress Association                                                      | Member                             |
| 11.    | Vacant                                                                                                                                       | Member                             |
| 12.    | <b>Dr. Ajay Duseja</b><br>Professor of Hepatology, PGIMER Chandigarh                                                                         | Member                             |
| 13.    | <b>Dr. Adarsh Choudhary</b><br>Chairman, GI Surgery, Institute of Digestive & Hepatobiliary Sciences                                         | Member                             |
| 14.    | <b>Dr. Akshay Chandra Dhariwal</b><br>Advisor, National Vector Borne Diseases Control Programme, New Delhi                                   | Member                             |
| 15.    | <b>Prof. Peush Sahni</b><br>Professor and Head, Dept. of GI Surgery, AIIMS, New Delhi                                                        | Member                             |
| 16.    | <b>Prof. Laxmidhar Behera</b><br>Director, IIT Mandi                                                                                         | Member                             |
| 17.    | <b>Prof. (Dr) Vir Singh Negi</b><br>Executive Director, AIIMS Bilaspur                                                                       | Member-Secretary                   |



## GOVERNING BODY

| S. NO. | NAME OF MEMBER                                                                                                                                 |                                    | DESIGNATION       |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------|
| 1.     | <b>Prof (Dr.) Randeep Guleria</b><br>Chairman, Institute of Internal Medicine, Respiratory & Sleep Medicine<br>Medanta, The Medicity, Gurugram |                                    | President         |
| 2.     | <b>Shri Suresh Kashyap</b><br>Member of Parliament                                                                                             |                                    | Member            |
| 3.     | <b>Shri Rajesh Bhushan</b><br>IAS, Secretary, MoHFW, Government of India                                                                       | Till 31/07/2023                    | Member            |
|        | <b>Shri Sudhansh Pant</b><br>IAS, Secretary, MoHFW, Government of India                                                                        | From 01/08/2023<br>Till 01/01/2024 |                   |
|        | <b>Shri Apurva Chandra</b><br>IAS, Secretary, MoHFW, Government of India                                                                       | From 02/01/2024                    |                   |
| 4.     | <b>Dr Atul Goel</b><br>Director General Health services, New Delhi                                                                             |                                    | Ex-Officio Member |
| 5.     | <b>Shri Jaideep Kumar Mishra</b><br>IAS, Additional Secretary & FA, MOHFW, New Delhi                                                           |                                    | Member            |
| 6.     | <b>Shri Prabodh Saxena</b><br>IAS, Chief Secretary, Shimla                                                                                     |                                    | Member            |
| 7.     | Vacant                                                                                                                                         |                                    | Member            |
| 8.     | <b>Prof. Peush Sahni</b><br>Professor and Head, Dept. of GI Surgery, AIIMS, New Delhi                                                          |                                    | Member            |
| 9.     | <b>Dr. Adarsh Choudhary</b><br>Chairman, GI Surgery, Institute of Digestive and Hepatobiliary Sciences                                         |                                    | Member            |
| 10.    | <b>Dr. Ajay Duseja</b><br>Professor of Hepatology, PGIMER Chandigarh                                                                           |                                    | Member            |
| 11.    | <b>Prof. (Dr) Vir Singh Negi</b><br>Executive Director, AIIMS Bilaspur                                                                         |                                    | Member-Secretary  |



## STANDING FINANCE COMMITTEE

| S. NO. | NAME OF MEMBER                                                                                             | DESIGNATION                        |
|--------|------------------------------------------------------------------------------------------------------------|------------------------------------|
| 1.     | <b>Shri Rajesh Bhushan</b><br>IAS, Secretary, MoHFW, Government of India                                   | Till 31/07/2023                    |
|        | <b>Shri Sudhansh Pant</b><br>IAS, Secretary, MoHFW, Government of India                                    | From 01/08/2023<br>Till 01/01/2024 |
|        | <b>Shri Apurva Chandra</b><br>IAS, Secretary, MoHFW, Government of India                                   | From 02/01/2024                    |
| 2.     | Member of Parliament                                                                                       | Vice Chairperson<br>(Vacant)       |
| 3.     | <b>Dr Atul Goel</b><br>Director General Health services, New Delhi                                         | Member                             |
| 4.     | <b>Shri Jaideep Kumar Mishra</b><br>IAS, Additional Secretary & FA, MOHFW, New Delhi                       | Member                             |
| 5.     | <b>Prof. Peush Sahni</b><br>Professor and Head, Dept. of GI Surgery, AIIMS, New Delhi                      | Member                             |
| 6.     | <b>Dr. S P Bansal</b><br>Vice Chancellor, HP Technical University, Hamirpur                                | Member                             |
| 7.     | Vacant                                                                                                     | Member                             |
| 8.     | <b>Dr. Akshay Chandra Dhariwal</b><br>Advisor, National Vector Borne Diseases Control Programme, New Delhi | Member                             |
| 9.     | <b>Prof. (Dr) Vir Singh Negi</b><br>Executive Director, AIIMS Bilaspur                                     | Member-Secretary                   |



## STANDING SELECTION COMMITTEE

| S. NO. | NAME OF MEMBER                                                                                             | DESIGNATION      |
|--------|------------------------------------------------------------------------------------------------------------|------------------|
| 1.     | <b>Prof. Peush Sahni</b><br>Professor and Head, Dept. of GI Surgery, AIIMS, New Delhi                      | Chairperson      |
| 2.     | Vacant                                                                                                     | Vice Chairperson |
| 3.     | <b>Dr. Atul Goel</b><br>Director General Health services, New Delhi                                        | Member           |
| 4.     | <b>Dr. Adarsh Choudhary</b><br>Chairman, GI Surgery, Institute of Digestive and Hepatobiliary Sciences     | Member           |
| 5.     | <b>Dr. S P Bansal</b><br>Vice Chancellor, HP Technical University, Hamirpur                                | Member           |
| 6.     | <b>Prof. Gangadhar</b><br>General Secretary (Past), Indian Science Congress Association                    | Member           |
| 7.     | <b>Dr. Ajay Duseja</b><br>Professor of Hepatology, PGIMER Chandigarh                                       | Member           |
| 8.     | <b>Dr. Akshay Chandra Dhariwal</b><br>Advisor, National Vector Borne Diseases Control Programme, New Delhi | Member           |
| 9.     | <b>Prof. (Dr) Vir Singh Negi</b><br>Executive Director, AIIMS Bilaspur                                     | Member-Secretary |



## STANDING ACADEMIC COMMITTEE

| S. NO. | NAME OF MEMBER                                                                                             | DESIGNATION      |
|--------|------------------------------------------------------------------------------------------------------------|------------------|
| 1.     | <b>Vacant</b>                                                                                              | Chairperson      |
| 2.     | <b>Prof. Peush Sahni</b><br>Professor and Head, Dept. of GI Surgery, AIIMS, New Delhi                      | Vice Chairperson |
| 3.     | <b>Shri Anil Baluni</b><br>Member of Parliament, Rajya Sabha, New Delhi                                    | Member           |
| 4.     | <b>Dr Atul Goel</b><br>Director General Health services, New Delhi                                         | Member           |
| 5.     | <b>Dr. S P Bansal</b><br>Vice Chancellor, HP Technical University, Hamirpur                                | Member           |
| 6.     | <b>Dr. Ajay Duseja</b><br>Professor of Hepatology, PGIMER Chandigarh                                       | Member           |
| 7.     | <b>Dr. Akshay Chandra Dhariwal</b><br>Advisor, National Vector Borne Diseases Control Programme, New Delhi | Member           |
| 8.     | <b>Prof. Gangadhar</b><br>General Secretary (Past), Indian Science Congress Association                    | Member           |
| 9.     | <b>Prof. (Dr) Vir Singh Negi</b><br>Executive Director, AIIMS Bilaspur                                     | Member-Secretary |



## STANDING ESTATE COMMITTEE

| S. NO. | NAME OF MEMBER                                                                                             | DESIGNATION      |
|--------|------------------------------------------------------------------------------------------------------------|------------------|
| 1.     | <b>Shri Suresh Kashyap</b><br>Member of Parliament                                                         | Chairperson      |
| 2.     | <b>Shri Jaideep Kumar Mishra</b><br>IAS, Additional Secretary & FA, MOHFW, New Delhi                       | Member           |
| 3.     | <b>Shri Prabodh Saxena</b><br>IAS, Chief Secretary, Shimla                                                 | Member           |
| 4.     | <b>Dr. Akshay Chandra Dhariwal</b><br>Advisor, National Vector Borne Diseases Control Programme, New Delhi | Member           |
| 5.     | Vacant                                                                                                     | Member           |
| 6.     | <b>Dr. S P Bansal</b><br>Vice Chancellor, HP Technical University, Hamirpur                                | Member           |
| 7.     | <b>Dr. Ajay Duseja</b><br>Professor of Hepatology, PGIMER Chandigarh                                       | Member           |
| 8.     | <b>Prof. Peush Sahni</b><br>Professor and Head, Dept. of GI Surgery, AIIMS, New Delhi                      | Member           |
| 9.     | <b>Prof. (Dr) Vir Singh Negi</b><br>Executive Director, AIIMS Bilaspur                                     | Member-Secretary |

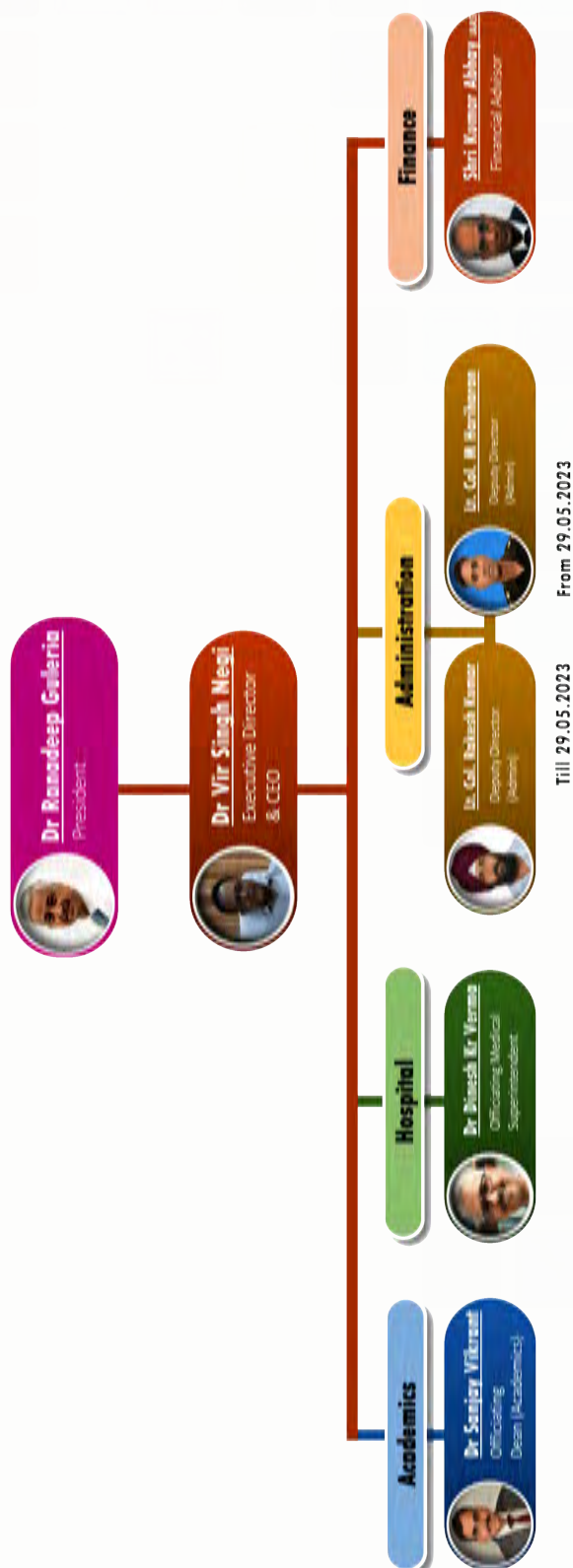


## HUMAN RESOURCES SUB-COMMITTEE

| S. NO. | NAME OF MEMBER                                                           | DESIGNATION                        |
|--------|--------------------------------------------------------------------------|------------------------------------|
| 1.     | <b>Dr. Ajay Duseja</b><br>Professor of Hepatology, PGIMER Chandigarh     | Chairperson                        |
| 2.     | <b>Prof. Laxmidhar Behera</b><br>Director, IIT Mandi                     | Vice Chairperson                   |
| 3.     | <b>Shri Rajesh Bhushan</b><br>IAS, Secretary, MoHFW, Government of India | Till 31/07/2023                    |
|        | <b>Shri Sudhansh Pant</b><br>IAS, Secretary, MoHFW, Government of India  | From 01/08/2023<br>Till 01/01/2024 |
|        | <b>Shri Apurva Chandra</b><br>IAS, Secretary, MoHFW, Government of India | From 02/01/2024                    |
| 4.     | <b>Shri Prabodh Saxena</b><br>IAS, Chief Secretary, Shimla               | Member                             |
| 5.     | <b>Prof. (Dr) Vir Singh Negi</b><br>Executive Director, AIIMS Bilaspur   | Member-Secretary                   |



## ADMINISTRATION



## RECRUITMENT SECTION

Recruitment Cell was constituted at AIIMS Bilaspur on 4<sup>th</sup> September 2021 to help the competent authority in recruitment process at AIIMS Bilaspur. In view of large number of pending recruitments and understaffed administrative set-up, faculty members were nominated to help in the recruitment (regular/contract/deputation) and promotion process at AIIMS Bilaspur.

| S. No. | Name                        | Delegated Responsibility                       |
|--------|-----------------------------|------------------------------------------------|
| 1.     | Dr. Ashok Kumar Dubey       | Project Cells Posts                            |
| 2.     | Dr. Ashok Kumar Dubey       | Faculty In-charge Recruitment/ Promotion       |
| 3.     | Dr. Preyander Singh Thakur  | Non-Medical Non-Nursing Recruitment/ Promotion |
| 4.     | Dr. Puneet Kumar Gupta      | Consultant Recruitment                         |
| 5.     | Dr. Lokesh Rana             | Junior Resident/ Senior Resident Recruitment   |
| 6.     | Dr. Lakshmi Kumari Sankhyan | Nursing Recruitment/ Promotion                 |
| 7.     | Dr. Navneet Sharma          | Deputation Recruitment                         |
| 8.     | Mrs. Kiran Mishra           | Nursing Recruitment/ Promotion                 |

## MANPOWER

| S. No.                          | Post                                   | Sanctioned  | Working     | Vacant     | Remarks                                                                                                                     |
|---------------------------------|----------------------------------------|-------------|-------------|------------|-----------------------------------------------------------------------------------------------------------------------------|
| 1.                              | <b>Project Cell Posts (Deputation)</b> | 08          | 06          | 02         | FA and MS posts vacant despite multiple advertisements                                                                      |
| 2.                              | <b>Medical Faculty</b>                 | 188         | 104         | 84         | Rolling Advertisement                                                                                                       |
| 3.                              | <b>Nursing Faculty</b>                 | 23          | 11          | 12         | For 12 tutor posts requisition has been given to AIIMS New Delhi for AIIMS CRE 2024                                         |
| 4.                              | <b>Nursing Staff</b>                   | 833         | 552         | 281        | 174 SNO promotion posts. 57 posts selection stay by CAT<br>Nursing Officer recruitment through NORCET 07 by AIIMS New Delhi |
| 5.                              | <b>Senior Residents (SR)</b>           | 200         | 54          | 146        | -                                                                                                                           |
| 6.                              | <b>Junior Residents (JR)</b>           | 200         | 144         | 56         | -                                                                                                                           |
| <b>Other Non- Faculty Staff</b> |                                        |             |             |            |                                                                                                                             |
| 7.                              | <b>Group- A</b>                        | 11          | 05          | 04         | Advertisement under process                                                                                                 |
| 8.                              | <b>Group- B</b>                        | 48          | 12          | 36         | Requisition has given to AIIMS New Delhi for AIIMS CRE 2024                                                                 |
| 9.                              | <b>Group- C</b>                        | 90          | 61          | 29         | Requisition has given to AIIMS New Delhi for AIIMS CRE 2024                                                                 |
|                                 | <b>TOTAL</b>                           | <b>1601</b> | <b>1035</b> | <b>566</b> | -                                                                                                                           |

Recruitment process has been started for Medical Faculty, Nursing Faculty, Senior Residents, Junior Residents, Deputation Posts, Security and Sanitation Services, General and Technical Manpower.

## RECRUITMENT PLAN

| S. No.            | Name of the Post      | Advt. Date            | Last date of application | Application Scrutiny     | Test       | Interview/ Document Verification | Result Declaration | Joining     |
|-------------------|-----------------------|-----------------------|--------------------------|--------------------------|------------|----------------------------------|--------------------|-------------|
| Faculty Posts     |                       |                       |                          |                          |            |                                  |                    |             |
| 1.                | Group (A) Faculty     | 14.11.2023            | 24.08.2023               | 29.08.2023               | -          | 10.10.2023 & 11.10.2023          | 13.10.2023         | October     |
|                   |                       | 06.11.2023            | 30.11.2023               | 01.12.2023               | -          | 17.12.2023 to 19.12.2023         | 22.12.2023         | December    |
|                   |                       | 16.11.2023            | 07.12.2023               | 03.01.2024 to 12.01.2024 | -          | 26.02.2024                       | 09.03.2024         | March       |
|                   |                       | 27.11.2023 (Contract) | 22.02.2024               | 04.03.2024               | -          | 05.03.2024                       | 09.03.2024         | March       |
|                   |                       | 02.02.2024            | 30.05.2024               | 25.04.2024               | -          | 23.07.2024 to 24.07.2024         | 03.08.2024         | August      |
| Non-Faculty Posts |                       |                       |                          |                          |            |                                  |                    |             |
| 1.                | Group (A) Non-Faculty | 29.09.2023            | 10.11.2023               | 16.11.2023 to 17.11.2023 | -          | 30.11.2023                       | 23.12.2023         | December    |
|                   |                       | 17.02.2024 (Contract) | 02.03.2024               | 04.03.2024               | -          | 05.03.2024                       | 09.03.2024         | March       |
| 2.                | Senior Resident       | 06.04.2023            | 20.04.2023               | -                        | -          | 24.04.2023                       | 26.04.2023         | April & May |
|                   |                       | 12.06.2023            | 30.06.2023               | -                        | -          | 04.07.2023                       | 08.07.2023         | July        |
|                   |                       | 26.07.2023            | 18.08.2023               | -                        | -          | 23.08.2023                       | 24.08.2023         | August      |
|                   |                       | 09.09.2023            | 22.09.2023               | -                        | -          | 27.09.2023                       | 30.09.2023         | September   |
|                   |                       | 26.10.2023            | 14.11.2023               | -                        | -          | 16.11.2023                       | 21.11.2023         | November    |
|                   |                       | 28.11.2023            | 08.12.2023               | -                        | -          | 12.12.2023                       | 13.12.2023         | December    |
|                   |                       | 09.12.2023            | 20.12.2023               | -                        | -          | 22.12.2023                       | 22.12.2023         | December    |
|                   |                       | 03.01.2024            | 18.01.2024               | -                        | -          | 22.01.2024                       | 02.02.2024         | February    |
|                   |                       | 25.01.2024            | 10.02.2024               | -                        | -          | 13.02.2024                       | 13.02.2024         | February    |
| 3.                | Junior Resident       | 04.03.2024            | 10.03.2024               | -                        | -          | 11.03.2024                       | 12.03.2024         | March       |
|                   |                       | 12.06.2023            | 12.07.2023               | -                        | -          | 20.07.2023                       | 25.07.2023         | July        |
|                   |                       | 16.10.2023            | 27.10.2023               | -                        | -          | 31.10.2023                       | 02.11.2023         | November    |
|                   |                       | 16.11.2023            | 25.11.2023               | -                        | -          | 28.11.2023                       | 29.11.2023         | November    |
|                   |                       | 12.12.2023            | 21.12.2023               | -                        | -          | 23.12.2023                       | 23.12.2023         | December    |
|                   |                       | 06.11.2024            | 22.01.2024               | -                        | -          | 24.01.2024                       | 29.01.2024         | February    |
|                   | 06.03.2024            | 12.03.2024            | -                        | -                        | 13.03.2024 | 13.03.2024                       | March              |             |

# AIIMS Bilaspur Annual Report 2023-24

| S. No. | Name of the Post                                            | Advt. Date | Last date of application | Application Scrutiny | Test                                          | Interview/ Document Verification    | Result Declaration       | Joining      |
|--------|-------------------------------------------------------------|------------|--------------------------|----------------------|-----------------------------------------------|-------------------------------------|--------------------------|--------------|
| 4.     | Regular Posts (Group-B and C) advertised by AIIMS New Delhi | 17.11.2023 | 01.12.2023               | -                    | 18.12.2023 to 20.12.2023                      | -                                   | 23.12.2023 to 04.01.2024 | January      |
| 5.     | NORCE T (Nursing Officers) advertised by AIIMS New Delhi    | 05.08.2023 | 25.08.2023               | -                    | 17.09.2023 (Stage1),<br>07.10.2023 (Stage 2)  | -                                   | 16.10.2023               | October      |
|        |                                                             | 26.02.2024 | 17.03.2024               | -                    | 14.04.2024 (Stage 1),<br>05.05.2024 (Stage 2) | -                                   | 06.06.2024               | June         |
| 6.     | Deputation                                                  | 12.06.2023 | 08.09.2023               | 11.09.2023           | -                                             | 11.10.2023, 17.11.2023 & 18.11.2023 | 02.11.2023 & 25.11.2023  | NA, December |
|        |                                                             | 13.11.2024 | 13.02.2024               | 17.02.2024           |                                               | 27.02.2024, 05.03.2024              | 09.03.2024               | March        |

## LEGAL SECTION

**Consultant (Legal):** - Sh. Arvind Kumar Nadda

### 1. Anti-Ragging Committee

Anti-Ragging Committee of AIIMS Bilaspur was constituted on 23<sup>rd</sup> October, 2021 as per statutory requirements

| S. No. | Name                                                    | Designation/ Department                                             | Appointment                     |
|--------|---------------------------------------------------------|---------------------------------------------------------------------|---------------------------------|
| 1.     | Prof. (Dr.) Vir Singh Negi                              | Executive Director                                                  | Patron                          |
| 2.     | Prof. (Dr.) Sanjay Vikrant                              | Dean (Academics)                                                    | Chairperson                     |
| 3.     | Prof. (Dr.) Rupali Parlewar                             | Professor<br>Dept. of Physiology                                    | Officiating<br>Member Secretary |
| 4.     | Prof. (Dr.) Narvir Singh Chauhan                        | Professor<br>Dept. of Radiology                                     | Member                          |
| 5.     | Dr. Sudesh Kumar                                        | Additional Prof.<br>Dept. of ENT                                    | Member                          |
| 6.     | Dr. Sumita Sharma                                       | Associate Professor<br>Dept. of Biochemistry                        | Member                          |
| 7.     | Dr. Manu Priya                                          | Associate Professor<br>Dept. of Pathology                           | Member                          |
| 8.     | Dr. Saurabh                                             | Associate Professor<br>Dept. of Orthopaedics                        | Member                          |
| 9.     | Prof. (Dr.) Aditya Sharma                               | Principal<br>College of Nursing                                     | Member                          |
| 10.    | Dr. Monika Sharma/<br>Dr. Indu Bala                     | Associate Professor/<br>Assistant Professor<br>(College of Nursing) | Member                          |
| 11.    | Parikshit Kumar Likhi                                   | Student Representative<br>(MBBS 2022 Batch)                         | Member                          |
| 12.    | Gauri Sharma                                            | Student Representative<br>(MBBS 2022 Batch)                         | Member                          |
| 13.    | Sarika                                                  | Student Representative<br>(MBBS 2023 Batch)                         | Member                          |
| 14.    | Saksham Gupta                                           | Student Representative<br>(MBBS 2023 Batch)                         | Member                          |
| 15.    | Deputy Commissioner Bilaspur<br>or his representative   | -                                                                   | Member                          |
| 16.    | Superintendent of Police or his<br>representative       | -                                                                   | Member                          |
| 17.    | Mr. Vishal Singh Thakur                                 | Media Representative                                                | Member                          |
| 18.    | Mr. Kashmir Singh                                       | Local NGO<br>Representative                                         | Member                          |
| 19.    | Mr. Manoj Kumar, Vill.<br>Matwana. P.O.- Luharwin, The. | Parent Representative                                               | Member                          |

|     |                                                                                                     |                       |        |
|-----|-----------------------------------------------------------------------------------------------------|-----------------------|--------|
|     | Ghumarwin. Distt. Bilaspur,<br>H.P.- 174021                                                         |                       |        |
| 20. | Mr. Rajinder Kumar, Qtr No. – 6,<br>Sanchar Colony, D-Block, BRS<br>Nagar, Ludhiana, Punjab- 141012 | Parent Representative | Member |

This committee has not received any complaint so far.

## 2. Internal Complaints Committee for Women (ICCW)

In pursuance of the Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013 (POSH Act), under Section 4, the Institute constituted the ICCW to deal with complaints of Sexual Harassment of Women at workplace.

| S. No. | Name                   | Appointment         | Mobile No. & Email ID                                           |
|--------|------------------------|---------------------|-----------------------------------------------------------------|
| 1.     | Dr. Rupali Parlewar    | Chairperson         | 81084499919<br>dr.rupali.physio<br>@aiimsbilaspur.edu.in        |
| 2.     | Dr. Sanjay Vikrant     | Member              | 9418072808<br>dr.sanjay.nephro<br>@aiimsbilaspur.edu.in         |
| 3.     | Dr.Meenal M. Thakare   | Member<br>Secretary | 8146665598<br>dr.meenal.cfm<br>@aiimsbilaspur.edu.in            |
| 4.     | Sh. Arvind Kumar Nadda | Member              | 9418125101<br>8arvindnadda@gmail.com                            |
| 5.     | Dr. Sumita Sharma      | Member              | 9557534348<br>dr.sumita.biochem<br>@aiimsbilaspur.edu.in        |
| 6.     | Dr. Sushruti Kaushal   | Member              | 8544788237<br>dr.sushruti.obg<br>@aiimsbilaspur.edu.in          |
| 7.     | Dr. Muninder Kumar     | Member              | 9418466366<br>dr.muninder.radiotherapy<br>@aiimsbilaspur.edu.in |
| 8.     | Mrs. Surya Negi        | Member              | 7018225609<br>drsuryanegi13@gmail.com                           |

This committee has received 3 complaints in 2023-24.

All 3 complaints have been disposed.

## 3. Right to Information (RTI) Act:

### CPIO

| Accounts               | Stores & Procurement  | Administration, Hospital &<br>Academics |
|------------------------|-----------------------|-----------------------------------------|
| <b>Shri Ajay Kumar</b> | <b>Dr Sachin Soni</b> | <b>Shri Puneet Kumar</b>                |

Total number of RTIs filed: 153

Total number of RTIs disposed: 153

## ENGINEERING SECTION

| S. No. | Name                   | Designation              | Date of Joining |
|--------|------------------------|--------------------------|-----------------|
| 1.     | Mr. Vivek Shivaji More | Superintending Er. Civil | 30.07.2022      |
| 2.     | Mr. Ashish Patyal      | Executive Er. Civil      | 26.10.2022      |
| 3.     | Mr. Sikandar Singh     | Executive Er. Elect.     | 30.12.2023      |

The report is divided into six major heads i.e., Civil, HVAC, Electrical, Approvals, Horticulture and landscaping work and General and it is mainly comprising of the details of the works/activities carried out by the Engg. Dept. during the aforesaid period.

### A. Civil

- Submitted Preliminary Estimates and DIB formats for construction of type-III quarters (12 no.), Type-IV quarters (30 nos.), Type-V quarters, 334 bedded UG Girls hostel, 204 Bedded UG Boys hostel, Lecture Hall (G+3) for Nursing College, 538 Kwp rooftop Solar Photo Voltaic power generation system, 354 bedded Night shelter and 652 Nos Multilevel car parking system.
- Procurement of 23 Nos Water cooler for Hospital and 50 No. water cooler cum purification system for Hostels.
- Procurement of High-Speed Diesel (109 Kl) & services for operation of MGPS system through GeM.
- Completed Auctioning of Shopping complex, Food Plaza area and Academic Cafeteria.
- Completed Lift NOC renewal.
- Completed work of covering of MS Bridge for MGPS extension work from LMO to Ayush Block with ACP.
- Completed work of shifting of Girder structures at terrace of Ayush Block for shifting of water tanks in order to facilitate placing of MRI machine in Ayush First Floor.
- Applied Fire NOC for buildings for which due date had expired.
- Checking of inventory and ensuring contractual liabilities of NBCC viz first fill of Diesel, Construction of outdoor sports facility, installation of solar panels etc.
- Completed mapping/marketing layout of buildings and boundary of AIIMS Bilaspur HP on GLIS portal.
- Obtained Consent for renewal of Air and Water Act for 5 years from HPPCB.
- Submitted timely bills for payment to HPPCB for Sample charges of STP and ETP.
- Submitted 6 monthly Environmental compliance report to HP State Environment Office.
- Ensured obtaining of drawings for VRDL 3 in consultation with end user.

### B. HVAC

- Prepared list of HVAC Equipment along with Operation & Maintenance manpower details required after expiry of the DLP period.

| Sr. No. | Equipment Details | Qty.     |
|---------|-------------------|----------|
| 1.      | AHU's             | 181 Nos. |
| 2.      | FCU's             | 464 Nos. |
| 3.      | Primary Pump      | 05 Nos.  |
| 4.      | Secondary Pump    | 05 Nos.  |

|    |                |         |
|----|----------------|---------|
| 5. | Condenser Pump | 05 Nos. |
| 6. | Cooling Towers | 05 Set  |
| 7. | Split AC's     | 29 Nos. |
| 8. | VRV's          | 13 os.  |

2. Prepared preventive maintenance (PMI) calendar for the year 2024-2025 and followed up for carrying out Preventive Maintenance of Equipment's as per schedule.
3. Carried out daily site visit as per schedule in the respective allotted areas and carried out checking of operation & preventive maintenance of equipment in order to ensure running of the equipment at its maximum efficiency.
4. Instructed operator & technician to operate & carry out preventive maintenance of respective equipment as per OEM manual/guidelines.
5. Carried out daily checking & verification of the log books, checklist & complaint register status pertaining to HVAC & record maintained in respective registers.
6. Carried out MGPS operation & stock maintenance through M/s AnK Services mainly comprising of daily checking & verification of MGPS Plant room equipment's functioning, medical gases outlet in wards pertaining to medical gases, medical gases supply alarms, operation of medical gases supply to the Hospital Area through banks installed at MGPS Manifold Room, maintenance of sufficient stock of medical gases in terms of Medical Gas Cylinders (Medical Oxygen, Nitrous Oxide, Carbon Dioxide) for ensuring smooth functioning of Medical Gases supply as per requirement in the Hospital Area & maintenance of records in the respective registers.
7. Carried out estimation work as per the requisition received from user departments pertaining to HVAC, MGPS & Fire Fighting works.

## C. Electrical

1. Inter-Office work for forwarding of monthly electricity bills of HPSEBL to Account Section.
2. Daily checking and verification of Log book, complaint register status.
3. Daily verification and checking of Preventive maintenance documents as per DBR.
4. Carried out estimation work as and when requisition is received from the user department pertaining to electrical works.
5. Carried out task of renewal of lift licences, pending for renewal.
6. Recorded meter readings pertaining to residential quarters, various vendors [namely TCIL, Amrit pharmacy and SBI] and office work (preparation of electricity bills based on meter readings, analysing any abnormal changes in monthly consumption pattern if any, preparation of IOM for forwarding the bills to accounts section etc).
7. Attended electrical related complaints put forth by various user in coordination with NBCC & NCC and in-house electrician.
8. Carried out site visits with user departments, vendors, contractors and other agencies for additional works.

## D. Approvals initiated during FY 2023-24

1. Change in contract demand of AIIMS Bilaspur H.P., Asset transfer
2. Allotment in PG Married-A hostel (Dr. Sobia Fatima, Ms. Indu Bala, Dr. Neha Singh, Dr. Shivkumar Chopane (SRs), Dr. Monika, Dr. Shivani Chandel, Dr. Ashok Kumar Dubey, Dr. Narvir Singh Chauhan, Dr. Ranjeet Chaudhary).

3. Construction of Night Shelter (350 pax), Lecture Hall (G+3) for nursing college, 206 bedded UG Boys hostel (G+6), 334 bedded UG Girls Hostel 1 no. Block (G+5) +1 no. Block (G+6), Burial Ground & approach road near helipad at AIIMS Bilaspur H.P.
4. Auctioning of available spaces/areas shopping complex meeting MoM dated 03-06-2023,23-08-2023, 18-10-2023, 11-12-2023, 08-01-2024.
5. Procurement of various electrical items for club & guest house, printer & desktop in Engg. Dept., 1.5-volt AA Battery cell, procurement of UPS in CSSD, servicing of various RO's.
6. Extension of last date of submission of opening of the high-speed diesel (HSD), opening of the Price Bid of the High-Speed Diesel (HSD).
7. Complaints received from various sub-contractors of M/S NCC.
8. Allotment of rooms in PG-Girls hostel for JMLTs
9. AON & A/A for Bidirectional communication AV Integration for OT & Auditorium (LT) for 6 nos OTs
10. Electrical work requirement for installation of autoclave.
11. Procurement of multi-function machine for Engg. Dept, requirement for CAT 6 cable & pro-3000 controller for magnetic door access at stores & Procurement office, ground floor, admin block.
12. Temporary duty to training on design of fire protection system on 25 to 27 sept 2023 at Delhi( EE-Civil-Ashish Patyal & JE AC & R Pankaj Chalaria).
13. Licence Fee for Hostel Accommodation.
14. Opening of GeM ID as a secondary user for Engg. Section.
15. Requirement of additional work in PET and SPEG (Department of Nuclear Medicine).
16. Installation of door in the Procurement Section.
17. Procurement of electrical accessories to meet additional equipment's from various departments.
18. Proposal for creating a High Dose Therapeutic Nuclear Medicine ward to carry out various alpha and beta therapies.
19. Establishment of Bone Marrow/Stem cell Transplant Unit/Facility At AIIMS Bilaspur (HP).
20. Issue with drainage / sewage from Department of Nuclear Medicine (Regarding Non-compliance & AERB approval documents)
21. Additional required work for residential & Non-residential building including repair work for change of tenancy at AIIMS Bilaspur (HP) including internal electrical installation etc.
22. Procurement of steps with plywood in AIIMS Bilaspur H.P.
23. Requirement of item for MGPS, Bill of sample testing charges to HPPCB.
24. Granting an exemption for submission of PBG & placement of order on the Techno-commercially qualified L1-Vender (i.e. CPSU-OMC-HPCL) in c/o High-Speed-Diesel (HSD) Procurement GeM Tender Bid
25. Work of overhead storage cabinets in Admin Block & College of Nursing.
26. Covering of MS Bridge for MGPS Extension work from LMO to Ayush Block with ACP
27. Providing & Fixing of Granite stone engraved with write up.
28. Technical solution for Slope Stabilization and creation/ diversions / strengthening or rainwater flow channels to prevent erosion, flooding and landslide at AIIMS Bilaspur (HP)
29. Relocate the minor OT entry gate to other convenient location.
30. Requirement of civil work for Rental Transplant ICU.

## E. Horticulture and landscaping work

1. Ensured completion of pending landscaping & horticulture work under 1st phase of the AIIMS Bilaspur Project pertaining to the Nursing Hostel, PG Married-Hostel B, PG Boys-Hostel B, Type II-Block 2, approach to Gate No-3.
2. Carried out zone-wise (Zone-1 to 9) measurement of completed works & certification of Landscaping & Horticulture work along with the representative of both the NBCC/NCC and submitted the report for arriving at a logical conclusion of completion of Horticulture & Landscaping Work under 1st phase of the AIIMS Bilaspur Project.
3. Carried out selection, purchase and carriage of 5000 nos plants from different nurseries of Forest Dept. of the state of H.P., its plantation & maintenance thereafter.
4. Supervised maintenance of the created horticulture and landscaping work through NCC/ M. J. Solanki by doing interculture operations, removal of weeds, pebbles and stones, training & pruning, watering preparations of plants basins & stacking of plants etc.
5. Carried out replacement of casualties by planting new plants of different species in different areas of AIIMS Bilaspur H.P.
6. Monitored/supervised different lawns (Central plaza area, Ceremonial garden area, Ayush area, different hostel areas, residential areas of Type II, Type-III, Type-IV & Type-V) through NCC.
7. Ensured removal of undulation in the aforesaid lawn areas & smooth cutting of grass and its proper growth in future.
8. Purchased annual flowers seedlings and its plantation in different areas of AIIMS for making it more aesthetic during the winter season of 2023.
9. Displayed pot-plants during various inaugurations held in the AIIMS Bilaspur H.P.
10. Ensured maintenance of pot plants in Admin building, Hospital building, Ayush building
11. Ensured maintenance of vertical garden in Admin building.
12. Carried out market survey for the Topiary Work planned in various area of the AIIMS Bilaspur H.P and involved in Local Purchase Committee work.
13. Assigned duties & supervision on the staff deployed through M. J. Solanki, entrusted with the task of Landscaping & Horticulture work departmentally.
14. Ensured close co-ordination with NBCC, NCC, internal dept. for Landscaping & Horticulture works as & when required.

## F. General

1. Analyzed & submitted counter response, rendered requisite input for pleading on behalf of AIIMS Bilaspur H.P. in the case of Dr. G. Kaur Vs AIIMS Bilaspur H.P. filed in the Central Administrative Tribunal, Chandigarh Bench.
2. Auctioned out the cardboard, wooden and plastic scrap by submitting an appropriate modus-operandi for disposal, preparation of scrap auctioning bid documents, NIQ, seeking approval of the competent authority thereon, carrying out techno-commercial evaluation of the received bids/open auctioning & submitting recommendation for placement of order on H1-Vendor.
3. Submitted recommendation for selection of the Executing Agency in accordance with the guidelines (GFR, Manual for Procurement of Works etc.) in respect of second phase of AIIMS Bilaspur Project and thereby saved consultancy fee charges to the tune of minimum 4% of the Estimated Cost of the projects in totality.
4. Performed the task of a technical committee entrusted with the task of appointment of an expert for suggesting remedial measures to take care of the landslides, slope stabilization, improvement in the existing drainage system for avoiding waterlogging/ flooding and ensuring

effective drainage system for the entire campus by coordinating with Ministry, CPWD, IIT/CBRI-Roorkee, NIT Hamirpur etc.

5. Prepared Technical proposals for seeking CSR funds in respect of Night Shelter, Solar Park work in accordance with the applicable guidelines/ format of the respective funding organisations (i.e. ONGC & Power Grid) and ensured involvement right from conception, site visits, meetings, submission of the relevant documents as per the format and its onward submission, follow up etc.
6. Prepared proposals for seeking Administrative Approval from the SFC & Expenditure Sanction from the Dept. of Expenditure (MOF-DoE) in the DIB/PIB format shared by the Ministry (MOHFW).
7. Studied the contractual documents pertaining to 1st phase of the AIIMS Bilaspur Project, assessment of the submission made by the EPC contractor (i.e. NCC), recommendations put forth by the EA (i.e. NBCC) in respect of completion of the entire project in all respects, commencement of the defect liability period (DLP), analyzed the contractual obligations of both the EA/ EPC (i.e. NBCC/NCC) prior commencement of the DLP, prepared detailed presentation/note covering various aspects and submitted views/ recommendations thereon for commencement of the DLP and subsequent follow up & coordination amongst all the key stake holders for performing the contractual obligations by NBCC/NCC in respect of the DLP.
8. Liaisoning with all Central (e.g. NHAI, CPWD, MoEF, AERB, CCOE, various Ministries (MOH&FW, Dept. of Expenditure, MNRE, Ministry of Petroleum etc.) and State Govt. authorities/ Agencies (H.P State Govt., HPPWD, HPSEBL, HPSPCB, Dist. Revenue/ Administration/ Town Planning/ Police Dept's., Irrigation & Public Health, Fire, Horticulture etc.) for dealing with all technical matters pertaining to AIIMS Bilaspur H.P.
9. Ensuring maintenance of the created infrastructure through O & M agencies, attending maintenance complaints of the completed buildings through proper coordination and mechanism.
10. Understood various end user's infrastructure requirement (either in the created infrastructure or new requirements), coordinated with various end users by deputing technical team, submitted requisite layouts/ estimates either through the executing agencies or departmentally as per suitability / convenience, sought A/A & E/S for engineering works being handled departmentally and in turn execution, handover and closure etc.
11. Ensured timely preparation of the Electricity and Water Bills of various vendors, residents and its submission to the accounts.
12. Rendered requisite technical support for finalisation of licence fees of various facilities (Conference Room, Hostels, Auditorium, Guest Houses, Bank, Post Office, allotted areas to various vendors etc.) from time to time.
13. Provided requisite inputs necessitated for finalisation of Master Plan of AIIMS Rewari (Haryana) and submitted observations/recommendation regarding other aspect of the tender etc. (till finalisation of the tender).

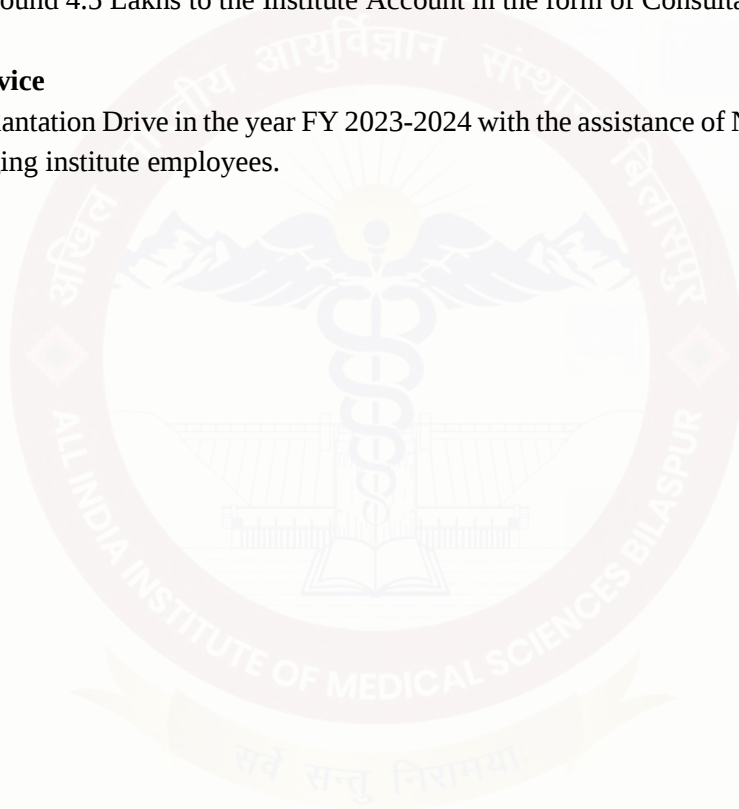
## Awards, Honors and Significant Achievements

1. Provided guest houses in PG Married Hostel at various events during the bitter cold season & thereby ensured savings of lakhs of rupees of the institute on hotel bookings.
2. Studied contractual document & emphasized and compelled NBCC/ NCC for first fill of Diesel to the tune of around 52000 Liters & thereby resulting in a net saving of around Rs.52 Lakhs to the institute account.

3. Saved to the tune of Rs.2.0Cr (0.47+0.74+ 0.8) against PMC Charges for O & M proposal submitted by NBCC Services Limited for the period from 01 Jan'2023 till 31 Dec' 2025 by carrying out thorough study of the contractual liability of the Operation & Maintenance (O&M), its analysis, observations, recommendations and by clearly emphasizing and executing this liability from the EPC contractor (NCC) under first phase of the AIIMS Bilaspur project.
4. Analysis of the consumption pattern of the institute's electricity demand, its recorded usage in various months, contract demand, fixed monthly charges being levied by the HPSEBL/paid by the institute to the tune of Rs.15 Lakhs per month since July'2022 till April'2023 and initiating & suggested changes in the contract demand considering the present and the future requirements, seeking approval & sanction of the revised contract demand and thereby it is helping in a net saving of around Rs.9 Lakhs per month to the Institute Account from the month of 01 Sep'2023 till a temporary period of 6 months.
5. Sought Consent to Establishment Certificate from the HPSPCB for a period of 5 years & saving to the tune of around 4.5 Lakhs to the Institute Account in the form of Consultancy Fees etc.

### Community Service

1. Conducted Plantation Drive in the year FY 2023-2024 with the assistance of NGO's viz Seva Bharti and by engaging institute employees.



## INITIATIVES FOR DIVYANGJAN

The person with disabilities also constitute a valuable human resource for the country and a majority of such persons can lead a better quality of life if they have equal opportunities and effective access to rehabilitation measures. In this regard, the Government formulated and brought out the National Policy for Persons with Disabilities on February 10, 2006 with a view to create an environment that provides equal opportunities to persons with disabilities to ensure full participation in society.

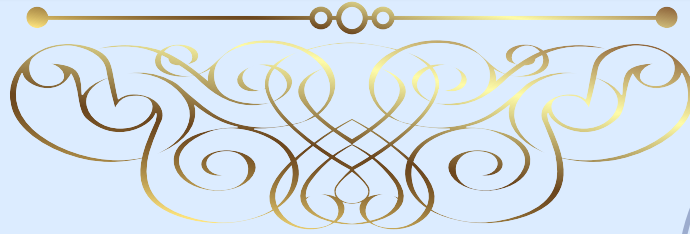
With a focus on prevention of disabilities and rehabilitation measures, the National Policy - 2006 primarily provided for: Prevention, Early-detection and Intervention; Programmes of Rehabilitation; Human Resource Development; Education of Persons with Disabilities; Employment; Barrier free-environment; Social Protection; Research; Sports, Recreation and Cultural Activities.

AIIMS Bilaspur has been instrumental in the enactment of the Persons with disabilities act that has reinforced the commitment of affirmative action in order to empower the persons with disabilities. The institute has formulated and taken the following steps:

1. **Expert Committee Formulations:** In pursuance to the O.M. 34-16/02/18-DD.111 dated 12.12.2018 of Ministry of Social Justice and Empowerment and OM No. C.30016/01/2017-SC dated 10.01.2019 of Ministry of Health and Family Welfare, the institute has constituted an Expert Committee for the purpose of identification of posts suitable for all the disabilities identified under section 34(1) of RPwD Act, 2016.
2. **Implementation of Recommendations:** The committee's recommendations are being actively implemented in all recruitment processes at AIIMS Bilaspur to ensure compliance with the RPwD Act.
3. **Appointment of Liaison officer:** As per DoPT OM No.43011/153/2010-Estt.(Res.), dated 4.1.2013, institute has appointed Dr. Nalini A, Associate Professor in the department of Neonatology as the Liaison Officer for issues related to the representation of persons with disabilities.
4. AIIMS Bilaspur is committed to providing equal opportunities in employment and creating an inclusive workplace in which all the employees are treated with respect and dignity. Institute at various levels ensure that the persons with disabilities enjoy their right to equality and life with dignity. Institute at various levels ensure that the persons with disabilities enjoy their right to equality and life with dignity.
5. The hospital has the provision for the ramp in every block for the easy movement and transit for the persons with disabilities.
6. The construction of Convenience centre was taken up under the ambitious "Swachh Bharat Campaign" announced and promoted by Hon'ble PM of India. In addition to the provision of washrooms and rest rooms, it also provides washroom facility for disabled persons (one each for male and female) on the ground floor with separate enclosures.



# HOSPITAL SERVICES





## HOSPITAL SECTION

### HOSPITAL ADMINISTRATION

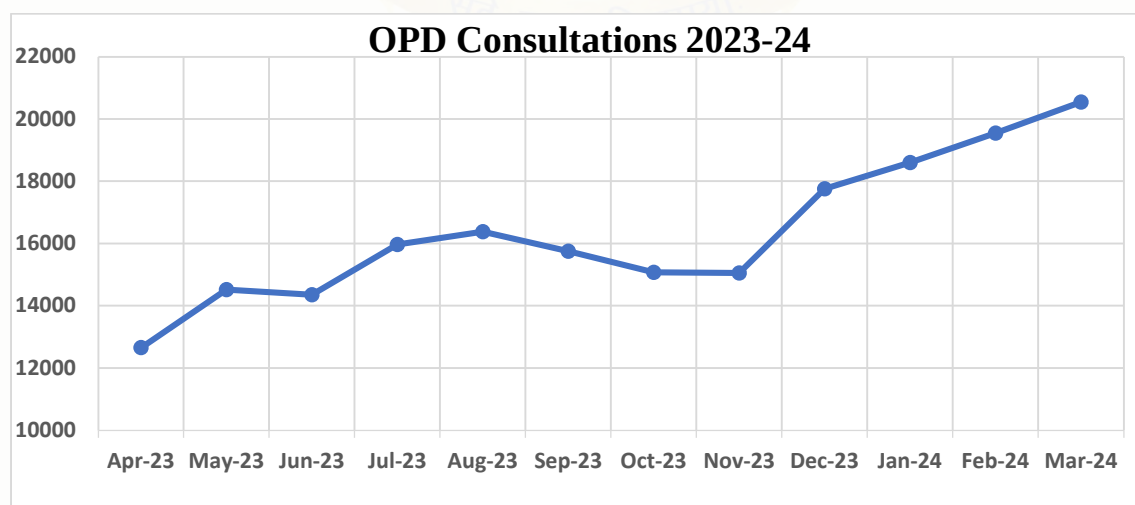
| Designation                            | In- Charge Faculty |
|----------------------------------------|--------------------|
| Medical Superintendent                 | Dr Dinesh Verma    |
| Additional Medical Superintendent (I)  | Dr Poojan Dogra    |
| Additional Medical Superintendent (II) | Dr Muninder Kumar  |
| Deputy Medical Superintendent (I)      | Dr Tarun Sharma    |
| Deputy Medical Superintendent (II)     | Dr Vikrant Kanwar  |
| Deputy Medical Superintendent (III)    | Dr Saurabh         |
| Deputy Medical Superintendent (IV)     | Dr Chitresh Kumar  |

### OPD SERVICES

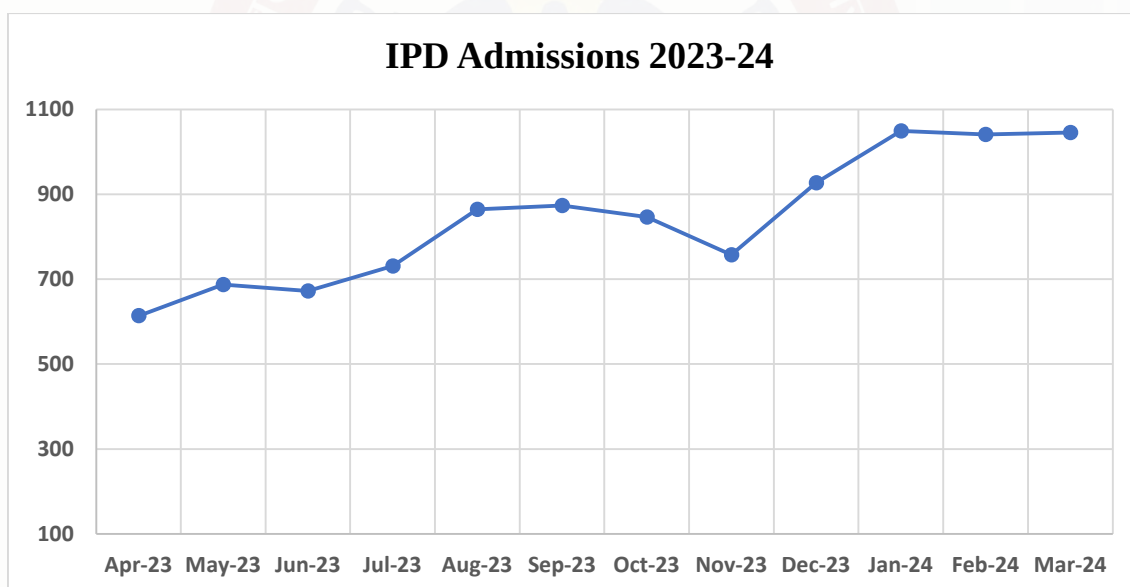
The institute has launched a full range of specialty and super-specialty outpatient department (OPD) services to serve the community. Our dedicated team of doctors, nurses, and support staff have worked tirelessly to maintain high standards of patient care and satisfaction and has catered to approximately 200,000 patients in various OPDs over the past year. The institute has seen more than 50% increase in patient visits as compared to the previous year, reflecting institute's commitment to accessible and comprehensive care.

In a continued effort to enhance healthcare services, the institute introduced several new specialty clinics to address specific medical needs. The 'Geriatric' Clinic and the 'Non-Communicable Disease & Diabetes Clinic' were launched in September 2023, offering targeted care for elderly patients and those with chronic conditions such as diabetes. Additionally, the 'Screening OPD' began in November 2023, providing essential preventive health services. These clinics have garnered positive feedback and strong community support, reflecting their success in meeting patient needs and improving overall healthcare access.

Continuing this momentum, the institute expanded its services further with the launch of the Nuclear Medicine OPD in February 2024. Looking ahead, we plan to further expand our services and invest in additional training for our staff to ensure we continue to meet the growing needs of our patient population effectively.



| S. No.       | Month          | Total OPD       | Total IPD     |
|--------------|----------------|-----------------|---------------|
| 1.           | April 2023     | 12650           | 614           |
| 2.           | May 2023       | 14521           | 687           |
| 3.           | June 2023      | 14350           | 672           |
| 4.           | July 2023      | 15963           | 731           |
| 5.           | August 2023    | 16373           | 864           |
| 6.           | September 2023 | 15748           | 873           |
| 7.           | October 2023   | 15067           | 846           |
| 8.           | November 2023  | 15052           | 757           |
| 9.           | December 2023  | 17756           | 927           |
| 10.          | January 2024   | 18595           | 1049          |
| 11.          | February 2024  | 19542           | 1041          |
| 12.          | March 2024     | 20546           | 1045          |
| <b>Total</b> |                | <b>1,96,163</b> | <b>10,106</b> |



## IPD SERVICES

At the forefront of cutting-edge healthcare, the institute is proud to offer a robust infrastructure designed to meet the diverse needs of patients. With more than 650 beds currently operational, the facility provides an extensive range of services, from specialty to super-specialty care. Each ward is meticulously equipped with state-of-the-art medical devices, including ventilators, monitors, defibrillators, nebulizers, and centralized oxygen and suction supplies. These advanced resources ensure that patients receive the highest level of care, tailored to meet even the most complex medical needs.

The rising number of admissions demonstrates the rapid growth and success of the Inpatient Department (IPD). However, true success is measured not just by these figures, but by the positive health outcomes

and patient experiences. The institute's commitment to delivering superior, patient-centred care continues to set new benchmarks.

Moving forward, our focus will be on further enhancing patient safety, reducing readmission rates, and continuing to invest in staff training and facility improvements to meet the needs of our growing patient base.

## Bed Distribution

| S. No. | Department            | Total Beds |
|--------|-----------------------|------------|
| 1.     | Dialysis + Nephrology | 14+15      |
| 2.     | Orthopaedics          | 30         |
| 3.     | Dentistry             | 10         |
| 4.     | Dermatology           | 15         |
| 5.     | CTVS                  | 15         |
| 6.     | Plastic Surgery       | 15         |
| 7.     | General Surgery       | 34         |
| 8.     | Ophthalmology         | 15         |
| 9.     | Surgical Oncology     | 15         |
| 10.    | ENT                   | 15         |
| 11.    | SICU                  | 04         |
| 12.    | Medicine              | 53         |
| 13.    | Nephrology            | 03         |
| 14.    | Endocrinology         | 15         |
| 15.    | Cardiology            | 03         |
| 16.    | Clinical Immunology   | 15         |
| 17.    | Paediatrics           | 12         |
| 18.    | Paediatrics Surgery   | 03         |
| 19.    | Medical Oncology      | 10         |
| 20.    | Urology               | 20         |
| 21.    | Neurology             | 15         |
| 22.    | Neurosurgery          | 15         |
| 23.    | OBG                   | 15+45      |
| 24.    | Covid Ward            | 46         |

## OT SERVICES

In the past year, our hospital has effectively managed six fully functional operating theatres: three dedicated to elective surgeries, one for emergency procedures, and two for surgeries under local

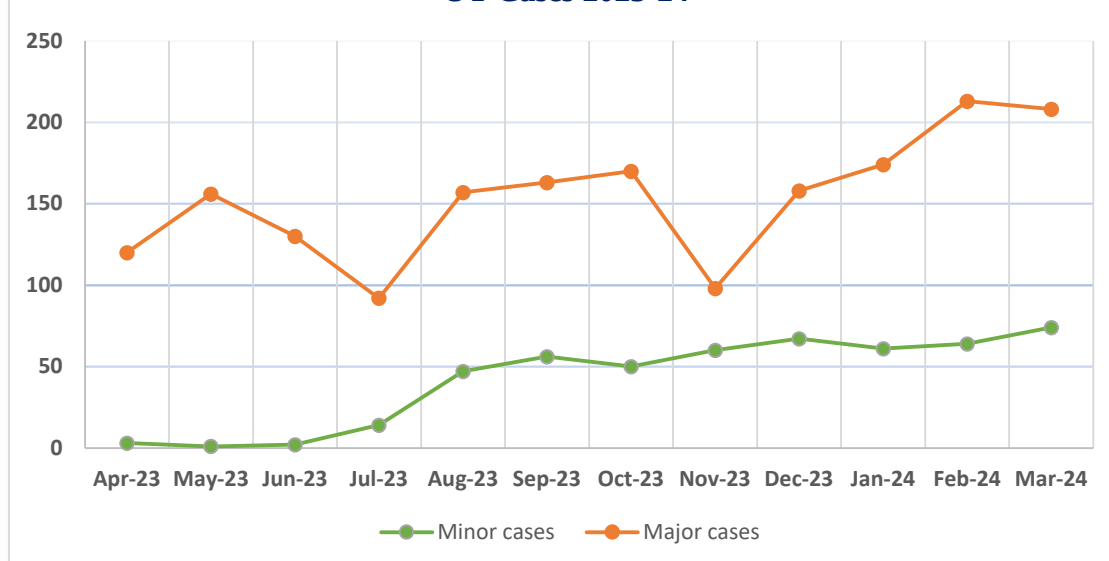
anaesthesia. These OTs support a broad range of specialized services, encompassing general surgery, ENT, plastic surgery, urology, neurosurgery, obstetrics & gynaecology, orthopaedics, paediatric surgery, surgical oncology and dentistry. Over 2,000 patients have benefited from the OT services of AIIMS Bilaspur.

The integration of advanced surgical technologies and equipment has enhanced the surgical team's ability to perform complex procedures with greater precision and safety. Our dedicated team of surgeons, anaesthetists, and nursing staff have contributed to a high rate of successful surgical outcomes and patient satisfaction. Looking forward, we plan to expand our range of surgical services and continue to invest in cutting-edge technology to ensure the institute provides the best possible care to the patients.

## OT Statistics

| S. No.       | Month          | Total cases | Major cases | Minor cases |
|--------------|----------------|-------------|-------------|-------------|
| 1.           | April 2023     | 123         | 120         | 3           |
| 2.           | May 2023       | 157         | 156         | 1           |
| 3.           | June 2023      | 132         | 130         | 2           |
| 4.           | July 2023      | 106         | 92          | 14          |
| 5.           | August 2023    | 204         | 157         | 47          |
| 6.           | September 2023 | 219         | 163         | 56          |
| 7.           | October 2023   | 220         | 170         | 50          |
| 8.           | November 2023  | 158         | 98          | 60          |
| 9.           | December 2023  | 225         | 158         | 67          |
| 10.          | January 2024   | 235         | 174         | 61          |
| 11.          | February 2024  | 277         | 213         | 64          |
| 12.          | March 2024     | 282         | 208         | 74          |
| <b>Total</b> |                | <b>2338</b> | <b>1839</b> | <b>499</b>  |

OT Cases 2023-24



## MEDICAL ICU (MICU)

MICU came into existence in Oct. 2022 with a bed strength of 4 at IPD 3<sup>rd</sup> Floor A-BLOCK. On 6<sup>th</sup> December, 2023 MICU shifted to E-BLOCK 5th floor with bed capacity of 07 beds. ICU is equipped with all life-saving equipment and instruments like:

1. Multi para monitors
2. High End Ventilator
3. Defibrillators
4. ABG Analyzer
5. Portable X-Rays
6. Portable Ultrasound

### MICU data

| Sr. No. | Month          | Admissions    |            | TOTAL | Outcome  |           |      |       |          |
|---------|----------------|---------------|------------|-------|----------|-----------|------|-------|----------|
|         |                | New Admission | From Wards |       | To Wards | Discharge | LAMA | Death | Referred |
| 1       | April 2023     | 15            | 07         | 22    | 15       | -         | -    | 06    | 01       |
| 2       | May 2023       | 09            | 07         | 16    | 08       | -         | -    | 06    | 01       |
| 3       | June 2023      | 12            | 10         | 22    | 13       | -         | 01   | 07    | 01       |
| 4       | July 2023      | 14            | 09         | 23    | 09       | -         | 01   | 10    | -        |
| 5       | August 2023    | 07            | 08         | 15    | 08       | -         | 01   | 05    | 01       |
| 6       | September 2023 | 08            | 09         | 17    | 07       | -         | -    | 10    | -        |
| 7       | October 2023   | 20            | 06         | 26    | 14       | -         | 01   | 09    | 02       |
| 8       | November 2023  | 08            | 08         | 16    | 06       | -         | -    | 10    | -        |
| 9       | December 2023  | 10            | 07         | 17    | 05       | -         | -    | 09    | -        |
| 10      | January 2024   | 15            | 10         | 25    | 11       | -         | 01   | 12    | 01       |
| 11      | February 2024  | 12            | 03         | 15    | 08       | 01        | -    | 06    | -        |
| 12      | March 2024     | 18            | 15         | 33    | 20       | 01        | 01   | 12    | -        |
|         | Grand Total    | 148           | 99         | 247   | 124      | 02        | 06   | 102   | 07       |

## TRAUMA AND EMERGENCY SERVICES

1. Number of patients attended Emergency services  
Total new patients (April 2023-March-2024)- **9761**
2. Medico-legal cases (April 2023-March-2024)- **1164**

## Trauma and Emergency Admissions (2023-24) – Adults

| Sr. No. | Month          | Trauma      | Burn      | Snake Bite | Acute Cardiac Emergency | Stroke    | Other Cases | Brought Dead | Death      | Total         |
|---------|----------------|-------------|-----------|------------|-------------------------|-----------|-------------|--------------|------------|---------------|
| 1       | April 2023     | 107         | 0         | 1          | 31                      | 5         | 557         | 2            | 7          | 710           |
| 2       | May 2023       | 108         | 0         | 4          | 28                      | 3         | 622         | 2            | 5          | 772           |
| 3       | June 2023      | 132         | 0         | 5          | 26                      | 3         | 558         | 1            | 5          | 730           |
| 4       | July 2023      | 154         | 0         | 6          | 28                      | 6         | 557         | 1            | 4          | 756           |
| 5       | August 2023    | 173         | 2         | 7          | 10                      | 8         | 715         | 5            | 8          | 928           |
| 6       | September 2023 | 186         | 2         | 17         | 24                      | 3         | 636         | 2            | 6          | 876           |
| 7       | October 2023   | 182         | 1         | 3          | 24                      | 4         | 644         | 2            | 11         | 871           |
| 8       | November 2023  | 162         | 1         | 0          | 40                      | 8         | 578         | 2            | 2          | 793           |
| 9       | December 2023  | 164         | 1         | 0          | 56                      | 6         | 637         | 3            | 23         | 890           |
| 10      | January 2024   | 163         | 4         | 0          | 55                      | 0         | 652         | 1            | 23         | 898           |
| 11      | February 2024  | 158         | 2         | 0          | 96                      | 11        | 642         | 4            | 18         | 931           |
| 12      | March 2024     | 152         | 8         | 1          | 96                      | 19        | 808         | 1            | 26         | 1111          |
|         | <b>Total</b>   | <b>1841</b> | <b>21</b> | <b>44</b>  | <b>514</b>              | <b>75</b> | <b>7606</b> | <b>26</b>    | <b>138</b> | <b>10,266</b> |

## Trauma and Emergency Admissions (2023-24)- Paediatrics

| Sr. No. | Month          | Trauma     | Burn      | Snake Bite | Acute Cardiac Emergency | Stroke   | Other Cases | Brought Dead | Death     | Total        |
|---------|----------------|------------|-----------|------------|-------------------------|----------|-------------|--------------|-----------|--------------|
| 1       | April 2023     | 13         | 1         | 1          | 0                       | 0        | 57          | 0            | 0         | 72           |
| 2       | May 2023       | 23         | 0         | 1          | 0                       | 0        | 73          | 0            | 0         | 97           |
| 3       | June 2023      | 21         | 1         | 0          | 0                       | 0        | 56          | 0            | 1         | 79           |
| 4       | July 2023      | 36         | 0         | 2          | 0                       | 0        | 62          | 0            | 0         | 100          |
| 5       | August 2023    | 29         | 0         | 2          | 0                       | 0        | 100         | 2            | 0         | 133          |
| 6       | September 2023 | 30         | 1         | 1          | 0                       | 0        | 78          | 1            | 0         | 111          |
| 7       | October 2023   | 16         | 1         | 0          | 0                       | 0        | 79          | 0            | 0         | 96           |
| 8       | November 2023  | 21         | 2         | 0          | 0                       | 0        | 61          | 1            | 0         | 85           |
| 9       | December 2023  | 12         | 1         | 0          | 0                       | 0        | 69          | 0            | 0         | 82           |
| 10      | January 2024   | 20         | 2         | 0          | 0                       | 0        | 67          | 0            | 0         | 89           |
| 11      | February 2024  | 20         | 1         | 0          | 0                       | 0        | 77          | 0            | 0         | 98           |
| 12      | March 2024     | 28         | 1         | 0          | 0                       | 0        | 74          | 1            | 0         | 104          |
|         | <b>Total</b>   | <b>269</b> | <b>11</b> | <b>07</b>  | <b>0</b>                | <b>0</b> | <b>853</b>  | <b>05</b>    | <b>01</b> | <b>1,146</b> |

## NEPHROLOGY AND DIALYSIS SERVICES

| Sr. No.                 | Month          | Dialysis    | Line Insertion | Tunnel    | Plasma-Pheresis | CRRT     | Renal Biopsy | Total Procedures |
|-------------------------|----------------|-------------|----------------|-----------|-----------------|----------|--------------|------------------|
| 1                       | April 2023     | 90          | 23             | 4         | 0               | 0        | 6            | 123              |
| 2                       | May 2023       | 128         | 25             | 8         | 0               | 0        | 10           | 171              |
| 3                       | June 2023      | 79          | 19             | 3         | 0               | 0        | 4            | 105              |
| 4                       | July 2023      | 135         | 33             | 1         | 0               | 0        | 3            | 172              |
| 5                       | August 2023    | 125         | 32             | 7         | 0               | 0        | 13           | 177              |
| 6                       | September 2023 | 131         | 36             | 5         | 1               | 0        | 12           | 185              |
| 7                       | October 2023   | 173         | 35             | 2         | 2               | 0        | 6            | 218              |
| 8                       | November 2023  | 171         | 29             | 8         | 7               | 0        | 4            | 219              |
| 9                       | December 2023  | 183         | 44             | 5         | 0               | 0        | 10           | 242              |
| 10                      | January 2024   | 255         | 63             | 12        | 7               | 0        | 13           | 350              |
| 11                      | February 2024  | 199         | 31             | 12        | 3               | 0        | 15           | 260              |
| 12                      | March 2024     | 204         | 47             | 10        | 2               | 2        | 12           | 277              |
| <b>Total Procedures</b> |                | <b>1873</b> | <b>417</b>     | <b>77</b> | <b>22</b>       | <b>2</b> | <b>108</b>   | <b>2499</b>      |

### Mortality Data

| Sr No.       | Month          | Number of Deaths |
|--------------|----------------|------------------|
| 1            | April 2023     | 23               |
| 2            | May 2023       | 26               |
| 3            | June 2023      | 28               |
| 4            | July 2023      | 34               |
| 5            | August 2023    | 39               |
| 6            | September 2023 | 34               |
| 7            | October 2023   | 33               |
| 8            | November 2023  | 29               |
| 9            | December 2023  | 56               |
| 10           | January 2024   | 58               |
| 11           | February 2024  | 43               |
| 12           | March 2024     | 55               |
| <b>Total</b> |                | <b>458</b>       |

## CARDIOLOGY SERVICES

The Cardiac catheterization laboratory (Cath lab) was started from 09.02.2024 and conducts 60-65 procedures/month. The department is conducting various Procedures like angiography, coronary angioplasty/stenting, Temporary and Permanent Pacemakers Implantation, Intra-carotid stenting, peripheral vascular stenting, pericardiocentesis, Fractional flow reserve (FFR), Cardiac Resynchronization therapy (CRT), Implantable cardioverter defibrillator (ICD) etc. for the needy patients.



## BLOOD BANK SERVICES

The **Blood Bank** has made significant progress since its inception. Licensed on **October 19, 2023**, and beginning operations on **November 17, 2023**, the Centre has played a crucial role in meeting the blood supply needs of our community.

### Key Highlights:

1. **Total Blood Donations:** As of **March 31, 2024**, the Centre has successfully facilitated **1,334 blood donations** through **12 organized blood donation camps**.
2. **Total Blood Units Issued:** The Centre has issued a total of **1229 blood units** during this period.

### Monthly Blood Issuance Statistics:

1. **Total Blood Units Issued:** The Centre has issued a total of **2312 blood units** from April 2023 to March 2024.
2. The monthly distribution of blood units issued demonstrates a steady demand and efficient operation within the Centre. Below is a summary of the blood units issued from **April 2023 to March 2024**.

| S. No.       | Month          | Blood Issued |
|--------------|----------------|--------------|
| 1.           | April 2023     | 94           |
| 2.           | May 2023       | 166          |
| 3.           | June 2023      | 115          |
| 4.           | July 2023      | 149          |
| 5.           | August 2023    | 165          |
| 6.           | September 2023 | 208          |
| 7.           | October 2023   | 186          |
| 8.           | November 2023  | 151          |
| 9.           | December 2023  | 261          |
| 10.          | January 2024   | 303          |
| 11.          | February 2024  | 260          |
| 12.          | March 2024     | 254          |
| <b>Total</b> |                | <b>2312</b>  |

## OBSTETRICS SERVICES

### Total Deliveries

| S. No.       | Month         | Normal     | Caesarean  | Total      |
|--------------|---------------|------------|------------|------------|
| 1.           | April 2023    | 30         | 13         | 43         |
| 2.           | May 2023      | 20         | 9          | 29         |
| 3.           | June 2023     | 20         | 14         | 34         |
| 4.           | July 2023     | 27         | 11         | 38         |
| 5.           | August 2023   | 31         | 25         | 56         |
| 6.           | Sep 2023      | 33         | 22         | 55         |
| 7.           | October 2023  | 19         | 22         | 41         |
| 8.           | November 2023 | 26         | 16         | 42         |
| 9.           | December 2023 | 28         | 16         | 44         |
| 10.          | January 2024  | 24         | 15         | 39         |
| 11.          | February 2024 | 25         | 15         | 40         |
| 12.          | March 2024    | 16         | 14         | 30         |
| <b>Total</b> |               | <b>299</b> | <b>192</b> | <b>491</b> |

## IMMUNIZATION CLINIC

The Immunization Clinic was inaugurated at our institute on 17 August 2022. It currently provides routine immunization (RI) and adult immunization services. The beneficiaries of RI services include infants, children, and pregnant women while adult immunization services are provided to healthy adults, patients, and healthcare workers. The COVID vaccination center has been merged with the immunization clinic.

### Routine Immunization

The routine immunization (RI) session is held daily in the hospital. The beneficiaries are provided vaccines available under the National Immunization Schedule (NIS): BCG, OPV, Hepatitis-B, f-IPV, PCV, Rotavirus vaccine, Pentavalent vaccine, Measles-Rubella (MR), DPT, Td, and Vitamin A. The vaccines are indented during the 1<sup>st</sup> and 3<sup>rd</sup> week of every month. About 2076 doses were administered to children and pregnant women last year.

The immunization services for adults are available daily. About 192 staff members and students were immunized with the Hepatitis B vaccine last year.



| S. No. | Infants and children  | Total       | Antenatal women | Total     | Adults                | Total      |
|--------|-----------------------|-------------|-----------------|-----------|-----------------------|------------|
| 1.     | BCG                   | 482         | Td-1            | 36        | Hepatitis - B         | 432        |
| 2.     | OPV-0                 | 482         | Td-2            | 40        | Pneumovac             | 43         |
| 3.     | Hepatitis-B           | 482         | Td Booster      | 1         | TT                    | 5          |
| 4.     | OPV-1                 | 39          | -               | -         | HPV                   | 39         |
| 5.     | OPV-2                 | 24          | -               | -         | Influenza             | 38         |
| 6.     | OPV-3                 | 26          | -               | -         | MMR                   | 2          |
| 7.     | OPV booster           | 10          | -               | -         | Meningococcal         | 5          |
| 8.     | RVV-1                 | 39          | -               | -         | Hepatitis - A         | 2          |
| 9.     | RVV-2                 | 24          | -               | -         | Varicella             | 4          |
| 10.    | RVV-3                 | 26          | -               | -         | Anti-D immunoglobulin | 0          |
| 11.    | fIPV-1                | 39          | -               | -         | Typhoid               | 2          |
| 12.    | fIPV-2                | 26          | -               | -         | ARV                   | 1          |
| 13.    | fIPV-3                | 27          | -               | -         | Rubella               | 1          |
| 14.    | PCV-1                 | 39          | -               | -         | DPT                   | 1          |
| 15.    | PCV-2                 | 26          | -               | -         | -                     | -          |
| 16.    | PCV booster           | 28          | -               | -         | -                     | -          |
| 17.    | Pentavalent vaccine-1 | 39          | -               | -         | -                     | -          |
| 18.    | Pentavalent vaccine-2 | 24          | -               | -         | -                     | -          |
| 19.    | Pentavalent vaccine-3 | 26          | -               | -         | -                     | -          |
| 20.    | DPT booster -1        | 9           | -               | -         | -                     | -          |
| 21.    | DPT booster -2        | 8           | -               | -         | -                     | -          |
| 22.    | Measles Rubella-1     | 22          | -               | -         | -                     | -          |
| 23.    | Measles Rubella-2     | 6           | -               | -         | -                     | -          |
| 24.    | Vitamin A             | 43          | -               | -         | -                     | -          |
| 25.    | Td (10 & 16 years)    | 3           | -               | -         | -                     | -          |
|        | <b>Total</b>          | <b>1999</b> | <b>Total</b>    | <b>77</b> | <b>Total</b>          | <b>575</b> |

## Pulse Polio immunization campaign

The pulse polio immunization campaign was held for the first time at AIIMS hospital from 3-5 March 2024. We have tried our best to create awareness and encourage community participation in the PPI campaign. About 55 under-five children received the oral polio vaccine at the PPI booth.



| S. No. | Beneficiaries                                         | Number |
|--------|-------------------------------------------------------|--------|
| 1.     | Total beneficiaries vaccinated                        | 55     |
| 2.     | Total sessions held                                   | 3      |
| 3.     | Adverse Events Following Immunization (AEFI) reported | NIL    |
| 4.     | Total no. of vials used                               | 3      |
| 5.     | Doses per vial per session                            | 20     |
| 6.     | Vaccine wastage                                       | NIL    |

## Vaccine-Preventable Disease Surveillance

The weekly AFP (acute flaccid paralysis) and VPD surveillance are conducted for patients suspected of polio, fever with maculopapular rash, diphtheria, pertussis, and neonatal tetanus. A total of 9 samples were collected and sent for testing (4 each for fever with rash and acute flaccid paralysis, one for diphtheria). Sensitization meetings are routinely organized to train the doctors and residents regarding VPD surveillance in coordination with the Surveillance Medical Officer of the World Health Organization.

## LABORATORY SERVICES

AIIMS Bilaspur started Laboratory services in collaboration with the HINDLAB from 05.12.2021. The laboratory is equipped with the latest diagnostic equipment and technology, ensuring accurate and timely results for various medical tests, including pathology, microbiology, hematology and more. The laboratory maintains rigorous quality control measures to guarantee the accuracy and reliability of all test results, adhering to international standards and best practices.



*Pathology Laboratory*



*Biochemistry Laboratory*

*Microbiology Laboratory*

## Department of Pathology

The Department of Pathology has been providing laboratory services from December 1, 2022. In-house diagnostic capabilities include haematology, cytopathology, and histopathology. Routine urine examinations and pregnancy tests are among the clinical pathology procedures. The Hematology division provides a full range of services, including complete hemograms, peripheral blood smear, ESR, coagulation profiles, bone marrow investigations, and blood grouping. The cytopathology branch offers a variety of services such as direct and USG-guided FNACs, bodily fluid analysis (including cell count and malignant cell cytology), and sperm analysis. In October 2023, the latest technique, liquid base cytology, was introduced for cervical screening diagnosis. Finally, the histopathology division handles and provides diagnostic services for both small and big specimens, including frozen sections. Pathological autopsies has also been started from July 2023. Until now, roughly 2,18,223 investigations have been conducted throughout.

| Sections              | Investigations                               | Average Workload |
|-----------------------|----------------------------------------------|------------------|
| <b>Haematology</b>    | Complete Blood Count                         | 41062            |
|                       | Bone marrow                                  | 68               |
|                       | PT, Aptt INR                                 | 10663            |
|                       | ESR                                          | 12933            |
| <b>Cytology</b>       | FNAC                                         | 589              |
|                       | Different Body fluids for TLC/DLC            | 432              |
|                       | Different Body fluids for malignant cytology | 540              |
|                       | Cerebrospinal fluid                          | 90               |
|                       | Semen analysis                               | 93               |
|                       | Urine analysis                               | 13731            |
|                       | Liquid Based cytology                        | 508              |
| <b>Histopathology</b> | Large and small specimens                    | 1846             |
|                       | Frozen section                               | 37               |
|                       | Postmortem Autopsy                           | 02               |

## Department of Biochemistry

The department is providing diagnostic services through Hindlabs and the in-house Clinical Biochemistry Lab at the Diagnostics Block C of the hospital. The Biochemistry section of the Hindlabs services is being managed by the department and the faculty has been engaged in supervision of the day-to-day functioning and authentication of the reports of the Hindlabs. The faculty have reviewed around 6 Lakhs investigations from April 2023 to March 2024. The quality of the laboratory is being monitored through internal quality control program daily and participating in External Quality Assurance Schemes on a monthly basis. The department through the Clinical Diagnostic Laboratory (Block C) has started a range of diagnostic tests in a phased manner. The in-house tests for Hb- HPLC, RF, ASO, urinary protein, microalbumin, fluid analysis and ELISA-based testing for anti-CCP and anti-tTG IgA antibodies are being conducted. The department has carried out around 10,000 investigations from April 2023 to March 2024 at the Diagnostics Block. The department has started 'Deletion study for Duchenne/Becker Muscular dystrophy' in September 2023.

## Total No. of Investigations

| Parameter             | AIIMS Lab | Parameter  | HINDLABS |
|-----------------------|-----------|------------|----------|
| Hb HPLC               | 784       | Glucose    | 18654    |
| Rheumatoid Factor     | 1544      | Urea       | 33563    |
| ASO                   | 8         | Creatinine | 34055    |
| Microalbumin          | 1545      | Uric acid  | 33929    |
| Urinary Creatinine    | 1767      | Calcium    | 34013    |
| Pleural Fluid Glucose | 168       | Phosphorus | 33637    |
| Pleural Fluid Protein | 180       | Sodium     | 35729    |

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|                             |      |                    |       |
|-----------------------------|------|--------------------|-------|
| Pleural fluid LDH           | 152  | Potassium          | 35920 |
| Pleural Fluid ADA           | 180  | Total Bilirubin    | 26739 |
| Ascitic Fluid Glucose       | 116  | Direct Bilirubin   | 26739 |
| Ascitic Fluid Protein       | 127  | Indirect Bilirubin | 27056 |
| Ascitic fluid Albumin       | 94   | AST                | 25785 |
| Ascitic fluid LDH           | 117  | ALT                | 25788 |
| Ascitic Fluid ADA           | 117  | ALP                | 23181 |
| Serum albumin               | 49   | Total protein      | 22908 |
| Serum LDH                   | 16   | Albumin            | 24615 |
| Serum Protein               | 10   | Globulin           | 23545 |
| CSF Glucose                 | 100  | Total Cholesterol  | 9897  |
| CSF Protein                 | 100  | Triglycerides      | 9766  |
| CSF LDH                     | 18   | HDL                | 9750  |
| CSF ADA                     | 67   | LDL                | 9749  |
| Urine Spot Protein          | 559  | VLDL               | 9749  |
| 24 hrs. Urinary Protein     | 530  | HbA1c              | 10318 |
| Anti CCP                    | 1342 | CRP                | 5522  |
| Pericardial Fluid Protein   | 2    | Trop I             | 1517  |
| Pericardial Fluid Glucose   | 2    | Trop T             | 25    |
| Pericardial Fluid ADA       | 2    | Amylase            | 1212  |
| CRP                         | 2040 | Lipase             | 1144  |
| Anti TPO                    | 127  | Iron               | 1593  |
| Mutational analysis for DMD | 02   | TIBC               | 1589  |
|                             |      | Ferritin           | 1833  |
|                             |      | T3                 | 6738  |
|                             |      | T4                 | 6739  |
|                             |      | TSH                | 12746 |
|                             |      | FT3                | 424   |
|                             |      | FT4                | 562   |
|                             |      | FSH                | 318   |
|                             |      | LH                 | 257   |
|                             |      | Prolactin          | 711   |
|                             |      | Vitamin B12        | 3834  |
|                             |      | GGT                | 52    |
|                             |      | LDH                | 795   |

|  |                 |      |
|--|-----------------|------|
|  | CPK             | 179  |
|  | Ionized calcium | 17   |
|  | CK-MB           | 79   |
|  | Magnesium       | 1103 |
|  | Vitamin D       | 4268 |
|  | PSA             | 55   |
|  | CA 125          | 33   |
|  | IgE             | 34   |
|  | Beta hCG        | 35   |

## Department of Microbiology

The department of Microbiology has been providing laboratory services to patients since the inauguration of AIIMS OPD on 5<sup>th</sup> Dec, 2022 in collaboration with HIND Lab in the Institute's, Academic and Diagnostic blocks. The services ranges from direct microscopy examination to automated blood culture and antimicrobial susceptibility testing to molecular testing in form of GeneXpert for TB diagnosis. Further expansion of horizon with addition of various test in house in bacteriology, serology, virology sections are in process. During year 2023 to 24 around 47420 various tests has been conducted as detailed below.

| S. No. | Investigation           | Number of Test |
|--------|-------------------------|----------------|
| 1.     | ZN microscopy           | 1593           |
| 2.     | GeneXpert               | 1201           |
| 3.     | LPA (referrals)         | 83             |
| 4.     | MTB culture (referrals) | 131            |
| 5.     | Mantoux test            | 96             |
| 6.     | Blood culture           | 2221           |
| 7.     | SARS-CoV-2 rapid test   | 229            |
| 8.     | HBsAg                   | 11990          |
| 9.     | Anti-HCV                | 12044          |
| 10.    | HIV I & II              | 11846          |
| 11.    | Anti-HAV IgM            | 232            |
| 12.    | Anti-HEV IgM            | 204            |
| 13.    | Dengue IgM              | 535            |
| 14.    | Dengue NS1              | 661            |
| 15.    | Chikungunya IgM         | 25             |
| 16.    | VDRL                    | 820            |
| 17.    | Widal/Typhidot          | 903            |

|              |                                    |              |
|--------------|------------------------------------|--------------|
| 18.          | Scrub typhus IgM, IgG              | 797          |
| 19.          | Malaria rapid test                 | 547          |
| 20.          | Malaria smears                     | 239          |
| 21.          | Stool for parasites (wet mount)    | 321          |
| 22.          | Stool for parasites (iodine mount) | 321          |
| 23.          | KOH microscopy                     | 66           |
| 24.          | Biological controls testing (HIC)  | 315          |
| <b>Total</b> |                                    | <b>47420</b> |

## RADIOLOGY SERVICES

The department offers a comprehensive range of X-ray services, covering the entire body, and caters to outpatient, inpatient, and critically ill ICU patients on both walk-in and portable bases 24/7. Ultrasound and Doppler services are also available around the clock. These include routine abdominal, pelvic, small parts, joint, neurosonogram, and obstetric scans. Doppler services cover carotid, renal, hepatic, and limb Doppler. The department regularly performs a variety of minimally invasive ultrasound-guided procedures, such as fine needle aspirations (FNACs), biopsies, diagnostic and therapeutic pleural and ascitic taps, pleurodesis, pigtail placements for drainage of collections, percutaneous nephrostomy (PCN), transhepatic biliary drainages, PICC line insertions, guided nerve blocks, and venous ablation of varicosities. Additionally, multiple cases of endobiliary stent placements have been conducted using both ultrasound and fluoroscopy guidance. Many cases of vascular interventions have been performed in the Cath Lab (in Cardiology department).

The department is equipped with a state-of-the-art dual-energy 256-slice CT scanner, operational 24/7 to support outpatient, inpatient, and emergency services. This high-tech machine enables swift and high-quality angiography and perfusion studies. Specialized examinations like coronary angiography, cardiac CT, cerebral, pulmonary, renal, bronchial, and peripheral angiography and venography are conducted routinely. Other specialized scans, such as CT enterography, CT urography, and CT virtual bronchoscopy, are also performed regularly. Various interventional procedures, including CT-guided FNAC, biopsy, and pigtail drainage of collections, are routinely carried out. A new CT scanner was inaugurated in the emergency department in February 2024, further enhancing services for emergency patients by reducing waiting times and allowing quicker diagnostics for critical cases.

The department is also equipped with a cutting-edge 3 Tesla MRI machine, capable of delivering high-quality imaging for various body parts. Beyond routine scans, advanced studies such as perfusion, elastography, DTI, fiber tracking, neurography, and cardiac MRI are also performed. Additionally, a new 1.5 Tesla MRI machine is about to be installed in the AYUSH Block, which will significantly reduce waiting times for patients.

| S. No. | Months     | X-RAY | ULTRASOUND | CT  | MRI | INTERVENTION |
|--------|------------|-------|------------|-----|-----|--------------|
| 1.     | April 2023 | 2409  | 580        | 352 | 188 | 21           |
| 2.     | May 2023   | 3084  | 702        | 339 | 208 | 11           |
| 3.     | Jun 2023   | 2974  | 659        | 472 | 206 | 36           |

|     |                |              |              |             |             |            |
|-----|----------------|--------------|--------------|-------------|-------------|------------|
| 4.  | July 2023      | 2979         | 729          | 426         | 235         | 40         |
| 5.  | August 2023    | 3482         | 942          | 522         | 303         | 56         |
| 6.  | September 2023 | 2850         | 833          | 601         | 305         | 44         |
| 7.  | October 2023   | 3119         | 908          | 474         | 367         | 53         |
| 8.  | November 2023  | 3563         | 1143         | 506         | 349         | 30         |
| 9.  | December 2023  | 4636         | 1236         | 862         | 435         | 59         |
| 10. | January 2024   | 4439         | 1251         | 785         | 439         | 53         |
| 11. | February 2024  | 4809         | 1413         | 929         | 334         | 72         |
| 12. | March 2024     | 5242         | 1264         | 934         | 451         | 60         |
|     | <b>Total</b>   | <b>43586</b> | <b>11660</b> | <b>7202</b> | <b>3820</b> | <b>535</b> |

## HIMCARE AND AYUSHMAN HEALTH INSURANCE SCHEMES

AIIMS Bilaspur is providing cashless treatment to all patients who are beneficiaries under the AYUSHMAN and HIMCARE schemes. 8896 patients have benefitted from this cashless treatment in the last 1 year.

| Sr. No. | Details               | HIMCARE | AYUSHMAN | Cumulative Total |
|---------|-----------------------|---------|----------|------------------|
| 01      | No. of patients       | 7547    | 1349     | 8896             |
| 02.     | No. of claims settled | 5007    | 851      | 5828             |

## NURSING SERVICES

**Nursing Superintendent:** - Ms. Kiran Mishra

### About the department:

Nursing department is the organizational structure through which Nursing Officers provides nursing care for clients under the jurisdiction of the institution. Nursing aims to promote health, prevent illness, care for ill and assist in coping with disability and terminal illness. Nursing encompasses autonomous and collaborative care of individuals of all ages, families, groups and communities in all settings. Nursing Services forms an integral part of any health care facility. Nursing task force is considered as the backbone of patient care.

### Activities carried out in year 2023-2024

#### 1. Recruitment drive

- 4<sup>th</sup> & 5<sup>th</sup> batch of Nursing officers: 96 Nursing Officers joined the Institute through NORCET-4 & 59 Nursing Officers joined through NORCET-5 who were posted in clinical and non-clinical areas as well.

#### 2. Setting up of wards main hospital building

- Nursing officers were crucial members of team for set up of IPDs, OT & Trauma and Emergency.
- As on 31/03/2024, total bed strength in IPD + ICU is 562 beds & total bed strength in Emergency is 44 beds and 12 stretchers.

### 3. Staff Development activities

- i. Nursing officers participated in various events organized by the institute which includes:
  - International Infection Prevention Week organised by the Department of Microbiology.
  - World Arthritis Day organized by Department of Internal Medicine and Orthopaedics.
  - World Lupus Day organized by Department of Internal Medicine.
  - World Hypertension Day by Department of Internal Medicine.
  - World Environment Day
  - Independence Day
  - Republic Day on which cultural events were also prepared by Nursing Officers.
  - Blood donation camps.
- ii. Nursing officers also got various positions in Slogans, E- Slogans and Poster making organized on various events.
- iii. Nursing Officers are also giving Health Educations in IPD and OPD settings on regular basis.
- iv. Lectures delivered by area incharges on various topics such as CCS Conduct rules, Officers leader like quality, Job description of Nursing Personnels.

### 4. Nurse's Week celebration

- i. Nurse's week was celebrated from 8<sup>th</sup> May- 12<sup>th</sup> May 2023 on theme: Our Nurses, Our Future in collaboration with College of Nursing, AIIMS Bilaspur in which Dr. Vir Singh Negi, Executive Director, AIIMS, Bilaspur was invited as a Guest of Honour.
- ii. Various events were included in Nursing Week which included Cultural, Academics and Sports as well.
- iii. Under sports, Marathon, Badminton, Spoon race, Volleyball, 3 Leg race, 100m race, 400m race, relay race and cricket match were conducted.
- iv. Health education on multiple topics were delivered by Nursing Officers in OPD and IPD setting.

### 5. Other activities

- i. Nursing Officers also participated in Plantation Drive.
- ii. Nursing Officers also motivated patients and made ABHA cards of patients and their attendants as well.

### Future references:

1. An induction training programme to be scheduled soon for NORCET-4 & NORCET-5 to make them oriented towards institutional policies and enhance their knowledge.
2. Active participation in various CMEs and conduction of CNEs to enhance knowledge and skills of Nursing officers and to keep them updated regarding advancements in the field of Nursing.
3. Focusing on Academics and Research as well.

### Areas of Thrust

- i. Promotion of IEC activities
- ii. Research projects and Publications in the field of patient care.
- iii. Inservice education programmes for the latest trends & technology.

AIIMS Bilaspur Hospital has expanded to super specialities areas such as Emergency, modular OTs, ICU & IPD in main hospital building. E- Block also got started. In future trends, specific patient care models may be applied to attain the best outcomes in patient care, recovery & rehabilitation.

## CENTRE FOR DIGITAL HEALTH

A Centre for digital health has been established in AYUSH block. The e-Sanjeevani telemedicine services in collaboration with National Health Mission (NHM). Himachal Pradesh was inaugurated in the month of May 2021, Initially, the 17 specialities and Super specialities are providing the tele consultations.

Subsequently, only 4 specialities are providing the tele consults. The Patient to Doctor tele consults has been provided till date. Subsequently. The patients across all the districts of Himachal Pradesh are availing this facility. The district wise teleconsultations details are shown as under:

### District Wise Teleconsultations given by AIIMS Bilaspur

| S. No | District       | Tele-Consultations Given |
|-------|----------------|--------------------------|
| 1.    | Hamirpur       | 182                      |
| 2.    | Mandi          | 876                      |
| 3.    | Shimla         | 1303                     |
| 4.    | Bilaspur       | 1789                     |
| 5.    | Kangra         | 427                      |
| 6.    | Kullu          | 190                      |
| 7.    | Solan          | 1679                     |
| 8.    | Una            | 94                       |
| 9.    | Chamba         | 437                      |
| 10.   | Sirmaur        | 1126                     |
| 11.   | Kinnaur        | 8                        |
| 12.   | Lahaul & Spiti | 31                       |
|       | <b>Total</b>   | <b>8142</b>              |

The centre is exploring the possibility with the state Government, to jointly contribute to effective implementation of Ayushman Bharat Digital Mission (ABDM).

## SAFETY MEASURES

### Patient Safety

#### ADR Monitoring Centre

Department of Pharmacology, AIIMS, Bilaspur is an Adverse Drug Reaction Monitoring Centre (AMC) recognized by Indian Pharmacopoeia Commission, Ghaziabad under the aegis of Ministry of Health and Family Welfare since 2021 and is diligently contributing to the National and International Pharmacovigilance Programs.

#### Prescription Audit

Regular prescription audits are conducted by department of pharmacology in AIIMS Bilaspur. The audits provide feedback to healthcare providers thus ensuring safer prescribing practices and continuous quality improvement.

#### Quality Cell

The Quality Cell at AIIMS Bilaspur is dedicated to enhancing patient care by implementing quality assurance practices. Regular reporting of the various patient audit data is being done by the quality cell.

It focuses on patient safety, continuous improvement, and adherence to healthcare standards. Through monitoring and staff training, the cell strives to elevate the overall healthcare experience.

## Workplace Safety

AIIMS Bilaspur ensures workplace safety through CCTV monitoring, well-lit corridors, and special night transport for women, creating a secure environment for all employees.

## Student Safety Measures

### Student welfare Cell

Student welfare cell has been established at AIIMS Bilaspur for ensuring the overall well-being of the students, it also addresses various aspects such as physical, mental and emotional health of more student.

| S. No | Name                     | Designation                    | Department                           | Position                       |
|-------|--------------------------|--------------------------------|--------------------------------------|--------------------------------|
| 1     | Prof (Dr.) Sadhna Sharma | Professor                      | Biochemistry                         | Student Welfare Officer        |
| 2.    | Dr. Meenal M. Thakare    | Additional Professor           | CFM                                  | Deputy Student Welfare Officer |
| 3.    | Dr. Bhupendra Yadav      | Assistant Professor            | Psychiatry                           | Member                         |
| 4.    | Dr. Devender Bairwa      | Assistant Professor            | Clinical Immunology and Rheumatology | Member                         |
| 5.    | Mr. Rohit Kumar Gupta    | Medical Social Service Officer | Anaesthesiology                      | Member                         |

### MIND Cell

Mental Health initiative for Needs and Development of students. This cell will facilitate in coping up with mental health challenges faced by students and ensuring their holistic wellbeing. MIND cell will also provide essential services such as counselling, therapy, crisis intervention and psychiatric consultation support. Dedicated helpline number round the clock for immediate support and assistance to students.

### Mentor- Mentee Program

The mentorship program was started to provide the mentee, opportunity for holistic development, to make them comfortable in new environment and to get familiar with the college life, so that they can better achieve their full potential in all the spheres.

### Anti- ragging Squads

AIIMS Bilaspur adopts zero tolerance towards ragging and harbours a ragging free campus. Strict anti-ragging measures are in vogue which includes, Anti-ragging committee with representatives from senior faculty, MBBS students, parents of MBBS students and external members. Anti-ragging squad consisting of faculties keeps strict vigil round the clock.



# ACADEMIC PROGRAM





## ACADEMIC PROGRAM

### UNDERGRADUATE COURSES

#### Bachelor of Medicine and Bachelor of Surgery (MBBS)

MBBS students in AIIMS Bilaspur were admitted based on merit through National Eligibility cum Entrance Test (NEET) conducted by The National Testing Agency (NTA) and seat allocation was conducted through a centralized system. The fourth academic MBBS session began in September 2023 with an intake of 100 students.



#### Bachelor of Science (Hons) in Nursing

B.Sc (Hons) Nursing, started from the Year 2022 with a sanctioned strength of 40 students. B.Sc (Hons) Paramedical, started from the Year 2022, with a sanctioned strength of 20 students. Second batch of BSc Nursing The BSc Paramedical Courses were started in

- B.Sc. Medical Technology Dialysis Therapy Technology (MDTT)
- B.Sc. Medical Laboratory Technology (MLT)
- B.Sc. (Medical Radiology) and Imaging Technology (MRIT).



### Admissions

| 2023 Admission      | MBBS | BSc Nursing | BSc (MLT) | BSc (Dialysis Tech) | BSc (Radiology & Imaging) | BSc (OT Technician) |
|---------------------|------|-------------|-----------|---------------------|---------------------------|---------------------|
| Sanctioned Strength | 100  | 40          | 10        | 05                  | 05                        | 05                  |
| Admissions          | 100  | 39          | 9         | 04                  | 05                        |                     |

## POST GRADUATE COURSES

### Post Graduate Orientation Program

Post graduate orientation program was conducted for First Batch of post graduates from 4/09/23 to 8/09/23. Postgraduates were apprised regarding research methodology and protocol writing. Second batch of PG orientation was conducted from 15/03/24 to 22/03/24

### Admission

| S.No | Department                        | Starting Session | Sanctioned seats | Second Batch (Jan 2024) |
|------|-----------------------------------|------------------|------------------|-------------------------|
| 1.   | Anatomy                           | Jan 23           | 1                | 0                       |
| 2.   | Anesthesia                        | July 23          | 2                | 2                       |
| 3.   | Biochemistry                      | Jan 23           | 1                | 0                       |
| 4.   | Community & Family Medicine       | July 23          | 2                | 2                       |
| 5.   | Dermatology                       | Jan 24           | 1                | 1                       |
| 6.   | ENT                               | July 23          | 1                | 2                       |
| 7.   | Forensic Medicine                 | Jan 24           | 2                | NA                      |
| 8.   | General Medicine                  | July 23          | 3                | 3                       |
| 9.   | General Surgery                   | July 23          | 2                | 2                       |
| 10.  | Microbiology                      | Jan 24           | 2                | NA                      |
| 11.  | Obstetrics & Gynecology           | July 23          | 3                | 1                       |
| 12.  | Ophthalmology                     | Jan 24           | 1                | 1                       |
| 13.  | Orthopedics                       | July 23          | 2                | 2                       |
| 14.  | Pathology                         | Jan 24           | 2                | 2                       |
| 15.  | Pediatrics                        | July 23          | 1                | 1                       |
| 16.  | Pharmacology                      | Jan 24           | 2                | 1                       |
| 17.  | Physiology                        | Jan 23           | 1                | 0                       |
| 18.  | Radiodiagnosis                    | July 23          | 2                | 2                       |
| 19.  | Radiotherapy                      | Jan 24           | 2                | 2                       |
| 20.  | Transfusion Medicine & Blood Bank | Jan 24           | 1                | 1                       |
| 21.  | Oral & Maxillofacial Surgery      | Jan 24           | 1                | 1                       |
|      | <b>TOTAL</b>                      |                  | <b>35</b>        | <b>25</b>               |

## Lectures and Practical Sessions of MBBS Student

The departments of Anatomy, Physiology, Biochemistry, Pathology, Pharmacology, Microbiology & Forensic Medicine were diligently involved in theory lectures and practical sessions throughout the year.



The academic session of third batch of MBBS was started on September 2023, with commencement of formal teaching sessions. During the second year 2020,2021,2022 Batch also were involved in teaching theory as well as clinical postings in various departments such as Medicine, Surgery, Obstetrics & Gynaecology and Paediatrics.



## Orientation and Foundation Course

The first month of MBBS session was dedicated to Foundation course which included orientation of students to the Campus, basics of Anatomy and physiology, doctor-patient relationship, ethics and communication and team dynamics.

The Orientation and Foundation course was conducted by faculty of various departments under the leadership of Dean (Academics). The Orientation Program began with the introduction to the Institute and overview of MBBS Curriculum by Dean (Academics). Anti-ragging measures for dealing with

ragging in colleges were also told to them. The students were oriented to first professional subjects- Anatomy, Physiology, Biochemistry and Community Medicine. Also, students were briefly introduced to the concepts of biomedical research. To combat the everyday stress in life, they were taught about the stress management at home and at workplace.

The Foundation course started with introduction to the role of Indian Medical Graduate and its social importance. The students were told about the importance and role of Doctor in the society and expectations of the MBBS students from the Nation. They were given the outline of history of medicine in world and in India. The role of physician at various levels of health care delivery was explained. Apart from the allopathic medicine, they were also sensitized to other types of complementary and alternative medicine.

The MBBS students were briefly introduced to various teaching and learning methods as well as assessment methods used in current MBBS Curriculum. They were told about various aspects of medicine i.e. curative or Internal medicine and preventive or Community/Family medicine. They were also briefed about various National Health policies and Health delivery systems running throughout the country.

The students were also told about various relationships in their life and profession like interpersonal relationship and doctor-patient relationship. Also, they were sensitized to stress and its management at home and workplace using various techniques like meditation and Yoga. Yoga sessions were conducted for the students and they actively participated in them.

They were also taught about the time management techniques which would be useful throughout their life. They were also introduced to the concepts of professionalism and ethics and professional and altruistic behaviour. They were taught regarding teamwork and team dynamics and role play was also done for the same.

They were introduced to various competencies like computer based skills, communication in various languages including English as well as local dialect and various cultural and disability competencies. They were taught and demonstrated universal infection precautions, biomedical waste management, hand wash, sanitization and personal hygiene. Lectures were taken on vaccination and role of environment in health and disease. They were also introduced to basic life skills through lectures and demonstration. Attitude, Ethics and Communication (AETCOM) module was also conducted on 'What does it mean expectations of the MBBS students from the Nation. They were given the outline of history of medicine in world and in India. The role of physician at various levels of health care delivery was explained. Apart from the allopathic medicine, they were also sensitized to other types of complementary and alternative medicine.

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**College of Nursing held its 2<sup>nd</sup> Oath taking ceremony for B.Sc. Nursing 1st year students**

## MEDICAL EDUCATION UNIT

A Division of Medical Education was constituted on 08.06.2021 at AIIMS Bilaspur, Himachal Pradesh for overseeing educational activities, application of new techniques and technology for medical education for enrichment of the faculty. Medical Education Unit will ensure continuous quality improvement in Medical Education Plan, implementation and evaluation of curriculum as well as development of faculty conforming with the international standards. Various activities have been done by these units in the preceding year.

The Medical Education Unit comprised of following members:

| S. No | Name                      | Designation          | Department         | Role              |
|-------|---------------------------|----------------------|--------------------|-------------------|
| 1     | Prof (Dr.) Sanjay Vikrant | Dean (Academics)     | Nephrology         | Officer in charge |
| 2     | Dr Punam Verma            | Additional Professor | Physiology         | Faculty In charge |
| 3     | Dr Sanjay K Sharma        | Associate Professor  | Anatomy            | Member            |
| 4     | Dr Puneet K Gupta         | Associate Professor  | Microbiology       | Member            |
| 5     | Dr Ashish Sharma          | Associate Professor  | Neurology          | Member            |
| 6     | Dr Kapil Sharma           | Assistant Professor  | Medicine           | Member            |
| 7     | Dr Gaurav Sharma          | Assistant Professor  | Orthopaedics       | Member            |
| 8     | Dr Yangshen Lhamo         | Assistant Professor  | Pharmacology       | Member            |
| 9     | Dr. Anupama Dhiman        | Assistant Professor  | Community Medicine | Member            |
| 10    | Dr Jasbir Singh           | Assistant Professor  | Paediatrics        | Member            |

All India Institute of Medical Sciences, Bilaspur, Himachal Pradesh aims to train and produce world class teachers and produce globally relevant medical graduates. The Medical Education Unit thus aims to continuously upgrade teaching skills of the healthcare professionals.

Webinars on latest topics on Medical Education were conducted for faculty members, senior residents, tutors of AIIMS Bilaspur, other AIIMS, State Medical Colleges and Nursing colleges.

### Foundation Courses

The foundation course for the MBBS Batch 2023 was designed to introduce students to the key principles and practices essential for their academic journey in medicine. Spanning multiple days, the course covered a broad range of topics including professional ethics, patient care, biomedical waste management, and communication skills. Additionally, the course provided practical sessions to equip students with essential life-saving skills such as basic life support and first aid. This foundation course was critical in helping new MBBS students understand the values, skills, and knowledge they will need as future medical professionals. With a combination of theoretical learning and practical sessions, students were given a comprehensive start to their medical education.

### Second Faculty Workshop on Medical Education

The Medical Education Unit also organised the Second Faculty Workshop on Medical Education Technologies (MET) from 16/10/2023 to 18/10/2023 organised by Medical Education Unit, AIIMS, Bilaspur and trained 25 faculties from various specialities clinical as well as paraclinical. One guest faculties, Dr Gagandeep Kwatra, Additional Professor, Pharmacology, AIIMS Bathinda was invited.

## MENTORSHIP PROGRAM

Mentoring means a process whereby an experienced, empathic person (the mentor), guides another (usually younger) individual (the mentee) in the development and re-examination of their own ideas, learning, and personal and professional development. The mentor achieves this by listening or talking in confidence to the mentee. The mentor encourages the mentee to actualize his/her full potential by sharing knowledge and experience and providing constant support and encouragement.

The purpose is to provide the mentee, opportunity for holistic development, to make them comfortable in new environment and to get familiar with the college life, so that they can better achieve their full potential in all the spheres.

The goal is to introduce an immediate support network for incoming students. Thus, new entrants will get familiar with life at college, academically and culturally, so that they can better achieve their full academic potential. Having mentoring relationships in place stimulates the workplace, making it more effective. There is better communication, networking and sharing of values.

To achieve these objectives, a mentorship program was started at AIIMS, Bilaspur after commencement of first batch of 50 MBBS students and the joining of faculty. Each mentee (student) was allotted a mentor (faculty) via a random selection process. Their contact numbers were shared for better communication process. Each mentor- mentee had to visit each other atleast once in a month physically. The students found it a very useful program as they were able to share their day-to-day problems with their mentors as well as various difficulties faced during times of stress like exam times. The mentors through their wisdom and caring behaviour were able to find the solutions to their problems.

This mentorship program will develop into more fruitful program in future. The variable perspectives and different experiences of every mentor and mentee will add to the success of the program.

## EXAMINATION SECTION

The examination section conducts and coordinates admission to various academic courses. It also conducts all the internal and professional examinations throughout the year in a fair and transparent manner. It also compiles and declares the result after obtaining approval from the competent authority. The committee keeps and maintains all the records pertaining to examinations in the examination section. Keeps the confidential records of each examination under lock and key. The committee also involved in preparation of question banks for MBBS and other courses.

### Examination Committee

**Chairperson:** Dr Rupali Parlewar, Professor & Head, Department of Physiology

**Member Secretary:** Dr Tarun Sharma, Associate Professor, Department of Medicine

### MBBS Sub-Committee

| S.No. | Name                  | Designation         | Department   | Assignment |
|-------|-----------------------|---------------------|--------------|------------|
| 1     | Dr. Naveen Kumar      | Associate Professor | Pediatrics   | Member     |
| 2     | Dr. Manju Daroach     | Assistant Professor | Dermatology  | Member     |
| 3     | Dr. Priti C Bhandari  | Assistant Professor | Physiology   | Member     |
| 4     | Dr. Anupama Dhiman    | Assistant Professor | CFM          | Member     |
| 5     | Dr. Sanjogita Naik    | Assistant Professor | Biochemistry | Member     |
| 6     | Dr. Monali P Hiwarkar | Assistant Professor | Anatomy      | Member     |
| 7     | Miss Shivranjani      | Child Psychologist  | Psychiatry   | Member     |

### PG/Superspeciality Sub-Committee

| S.No. | Name              | Designation         | Department      | Assignment |
|-------|-------------------|---------------------|-----------------|------------|
| 1     | Dr. Nalini A      | Associate Professor | Neonatology     | Member     |
| 2     | Dr. Bhagya Shree  | Assistant Professor | Anatomy         | Member     |
| 3     | Dr. Saumya Chopra | Assistant Professor | General Surgery | Member     |
| 4     | Dr. Raman Sharma  | Assistant Professor | Pediatrics      | Member     |
| 5     | Dr. Navpreet      | Assistant Professor | CFM             | Member     |
| 6     | Miss Himani       | Medical Physicist   | Psychiatry      | Member     |

### B.SC. Nursing (Hons.) Sub-Committee

| S.No. | Name                   | Designation         | Department         | Assignment |
|-------|------------------------|---------------------|--------------------|------------|
| 1     | Dr. Lakshmi K Sankhyan | Assistant Professor | CTVS               | Member     |
| 2     | Dr. Monika Sharma      | Associate Professor | College of Nursing | Member     |
| 3     | Dr. Anshul Sharma      | Assistant Professor | Nuclear Medicine   | Member     |
| 4     | Dr. Sumandeep Kaur     | Assistant Professor | College of Nursing | Member     |
| 5     | Mr. Arvind Kumar       | Medical Physicist   | Radiation Oncology | Member     |

### B.Sc. Paramedical/Others Sub-Committee

| S.No. | Name             | Designation         | Department   | Assignment |
|-------|------------------|---------------------|--------------|------------|
| 1     | Dr. Avula Naveen | Associate Professor | Pharmacology | Member     |
| 2     | Dr. Devender     | Assistant Professor | Orthopedics  | Member     |

|   |                      |                       |                |        |
|---|----------------------|-----------------------|----------------|--------|
| 3 | Dr. Varun Bansal     | Assistant Professor   | Radiodiagnosis | Member |
| 4 | Dr. Onjal K Taywade  | Assistant Professor   | Biochemistry   | Member |
| 5 | Miss Archana Kashyap | Clinical Psychologist | Psychiatry     | Member |

Conducted

MBBS Final Professional Part I Examination (Batch 2020)

MBBS First Professional Examination (Batch 2022)

BSc Nursing Annual Examination (Batch 2022)

BSc Paramedical Courses (Batch 2022)

Key functions and responsibilities

1. The committee schedules the dates of pre professional and Final professional examination for all the Professional Undergraduate courses.
2. The examination section is responsible for formulating a panel of subject experts from other colleges and communicate regarding the availability of examiners during the examination dates. The committee also sends invitations to these examiners to come as external examiners along with setting of paper.
3. The examination section often collaborates with faculty members to ensure that appropriate and well-structured question papers are prepared for each examination. This includes written, practical, and clinical exams.
4. They handle the process of student registration for exams. This involves collecting information about eligible candidates, verifying their eligibility, and enrolling them for the upcoming exams.
5. The committee arranged the examination venues, including ensuring that they are suitable for conducting exams. This involves setting up necessary equipment, materials, and invigilators.
6. The examination section also appointed invigilator to oversee the conduct of exams and to ensure a secure and fair examination environment. They implement measures to prevent cheating and academic misconduct.
7. The examination section also is responsible for distribution of question papers and other necessary materials to exam centres and collect answer scripts and materials after the exams.
8. After the exams, the examination section is responsible for collecting and processing the answer scripts, tabulating the results, and generating individual scorecards or transcripts.
9. The examination section keeps records of exam results, student performance, and other relevant data. These records are important for future reference, quality assurance, and accreditation.
10. The examination section may contribute to the development of examination policies and guidelines in collaboration with the college's academic and administrative leadership.

## HOSTEL SECTION

### Hostel Advisory Committee

The Hostel advisory committee was constituted for smooth functioning and long term planning of matters related to hostel including supervision of all hostel staff. The committee comprising of following members:

| S.No. | Name               | Designation          | Role                                     |
|-------|--------------------|----------------------|------------------------------------------|
| 1     | Dr Deepti Chopra   | Professor            | Chief Warden                             |
| 2     | Dr Sudesh Kumar    | Additional Professor | Senior Faculty In charge, UG Boys        |
| 3     | Dr Manupriya       | Associate Professor  | Senior Faculty In charge, UG Girls       |
| 4     | Dr Monika Sharma   | Associate Professor  | Senior Faculty In charge, Nursing Hostel |
| 5     | Dr Neha Chauhan    | Assistant Professor  | Junior Faculty In charge, UG Girls       |
| 6     | Dr Devender Bairwa | Assistant Professor  | Junior Faculty In charge, UG Boys        |
| 7     | Mrs Indubala       | Assistant Professor  | Junior Faculty In charge, Nursing Hostel |
| 8     | Mrs Sila Lotey     | Hostel Warden        | UG Girl & Nurses Warden                  |
| 9     | Mrs Shagufta Ali   | Junior Warden        | Nurses Warden                            |
| 10    | Ms Komal Chandel   | Junior Warden        | UG Girls Warden                          |
| 11    | Mr Ramanand Sharma | Junior Warden        | UG Boys Warden                           |
| 12    | Ms Puneeta         | Caretaker            | PG Girl Hostel                           |
| 13    | Mr Rohit Kumar     | Caretaker            | PG Boy B Hostel                          |
| 14    | Mr Vishal          | Caretaker            | PG Boy A Hostel                          |
| 15    | Mr Prashant        | Caretaker            | PG Married Hostel                        |

The Hostel Committee plays a crucial role in managing and improving the hostel environment, ensuring that the policies and procedures align with the needs and well-being of the students. The Hostel committee helps in developing and updating hostel rules and regulations to ensure a safe and respectful living environment as well as monitoring compliance with the hostel policies. The committee oversees accommodation management and safety and security of the students. It helps in conflict resolutions amongst the residents and prioritizes maintenance and repair requests to ensure the hostel are well maintained and clean upholding the health and hygiene standards. The members participate in the administrative duties by maintaining accurate records of the room allocation, incidents and committee meeting and provides regular reports the higher authorities regarding hostel operations and any significant issues. The hostel wardens are well-trained and respond to and manage emergency situations efficiently, including health crises, accidents etc.

The hostel section is dedicated to cultivating a vibrant and inclusive environment by facilitating the celebration of various festivals and auspicious days throughout the year, including Independence Day celebration, festivals like Janmashtami, Ganesh Chaturthi, Diwali, Lohri and Holi. These events are integral to maintaining cultural traditions and enhancing the communal experience for students.

The hostel section plays a vital role in bridging the gap between the student representative body and the administration, ensuring effective communication and fostering a collaborative environment.

**Vision:** To create a dynamic and inclusive living environment that fosters academic excellence, personal growth, and a strong sense of community among its residents.

**Mission:** To foster a sense of community, ensuring effective management of hostel resources, and maintaining open and constructive communication between students and the administration.

## **Future Plans**

1. Enhanced Infrastructure and Facilities.
2. Improved Safety and Security
3. Academic Support Initiatives
4. Community Building and Engagement
5. Health and Wellness Programs
6. Student Engagement and Inclusion



## ANNUAL REPORT COMMITTEE



*(From L to R: Mr Umesh, Dr Varun, Dr Yangshen, Dr Vibhuti, Dr Yatiraj, Dr Sushruti, Dr Nikita, Dr Sumandeep, Dr Tarunpreet & Dr Sushant)*

| S. No. | Name                | Designation                | Department                  | Role             |
|--------|---------------------|----------------------------|-----------------------------|------------------|
| 1.     | Dr Yatiraj Singi    | Associate Professor        | Forensic Medicine           | Chairperson      |
| 2.     | Dr Sushruti Kaushal | Assistant Professor        | OBG                         | Member Secretary |
| 3.     | Dr Yangshen Lhamo   | Assistant Professor        | Pharmacology                | Member           |
| 4.     | Dr Nikita Sharma    | Assistant Professor        | Community & Family Medicine | Member           |
| 5.     | Dr Sushant Das      | Assistant Professor        | Anatomy                     | Member           |
| 6.     | Dr Varun Bansal     | Assistant Professor        | Radiodiagnosis              | Member           |
| 7.     | Dr Sumandeep Kaur   | Assistant Professor        | College of Nursing          | Member           |
| 8.     | Dr Tarunpreet Saini | Assistant Professor        | Pathology                   | Member           |
| 9.     | Dr Vibhuti Mittal   | Assistant Professor        | Ophthalmology               | Member           |
| 10.    | Mr Umesh            | Library Attendant Grade II | Library                     | Member           |

(Graphic Designs: Mr Ankitesh Chandel)



# RESEARCH





## RESEARCH SECTION

Research is the key to excellence in academic medicine. AIIMS Bilaspur inculcates the attitude of inquiry, acquisition of knowledge, and conducting research in faculty and students. Medical research involves studying various factors in human health and finding solutions for challenges in healthcare. It helps to develop new treatments or medical procedures and improve the application of those already available. The institute's faculty is actively involved in conducting research and translating its application for the benefit of the community. Most of them have published their research work in various reputed journals. Many faculty members have received grants to carry out the research projects.

### Details of approved projects and publications

| Projects/ Publications | Ongoing | Completed |
|------------------------|---------|-----------|
| Funded projects        | 20      | 0         |
| Departmental projects  | 46      | 06        |
| Collaborative projects | 5       | 01        |
| Academic Publications  | --      | 142       |
| Book Chapters          | --      | 22        |

### Funded projects

Many faculty members have received Extra-Mural Grants from prestigious agencies to conduct research. In the past year, about 20 projects have been funded by these agencies.

### Institute Scientific Advisory Committee

The Institute Scientific Advisory Committee (IScAC) was set up on 07.09.2023 to help prepare scientifically sound proposals for extramural and intramural funding. Standard Operating Procedures (SOP) for the IScAC were finalized and accepted in October 2023. Since its inception, the IScAC has received over 50 projects from the faculty and students.

### Central Research Facility (CRF)

The Central Research Facility (CRF) has been established at AIIMS Bilaspur to provide centralized and cost-efficient access to a wide range of cutting-edge instruments and resources to its students and teaching staff. These instruments and services will be relevant for clinical, pre- and para-clinical and basic science researchers. The instruments are being procured in a phased manner to make the facility functional. The Central Research Facility (CRF) establishment Committee is looking after the establishment.

### Regional Virus Research and Diagnostic Laboratory (VRDL)

Regional VRDL at AIIMS Bilaspur is an indispensable component of the public health infrastructure. It will be equipped with a Biosafety level 3 laboratory, sequencing, advanced diagnostic, and research facilities to cater to the changing epidemiology of infectious diseases especially known and unknown viral illnesses. About nine research staff have been recruited under Regional VRDL and several serological services like HBV, HCV, HIV, Dengue NS1 & IgM, scrub typhus, HAV, etc. have been rolled out for patient care.

## INSTITUTIONAL ETHICS COMMITTEE

The Institutional Ethics Committee of AIIMS Bilaspur was formed with the constitution of two committees-

- Institutional Ethics Committee - Biomedical and Health Research
- Institutional Ethics Committee - Clinical trials

### IEC-BHR

The IEC-BHR committee conducted four meetings from April 2023 to March 2024. Over 53 new research projects were submitted, and many were resubmitted after deliberation. About 37 projects were approved by the committee.

The committee was reconstituted this year with the joining of some new members. The members of the Institutional Ethics Committee (Biomedical and Health Research) are:

| Name of the Members    | Post held                          |
|------------------------|------------------------------------|
| Dr V M Katoch          | Chairperson                        |
| Dr Sanjay Vikrant      | Vice-chairperson                   |
| Mr. Rattan Lal Sharma  | Member (Legal)                     |
| Mr. Dharam Singh Kutal | Alternate Member (Legal)           |
| Mrs Brij Bala Sankhyan | Member (Social Activist)           |
| Shri Jagdish Thakur    | Member (Educated Community person) |
| Dr Sumita Sharma       | Member (Basic Medical Scientist)   |
| Dr Richa Dewan         | Member (Clinician)                 |
| Prof Santosh Minhas    | Member (Clinician)                 |
| Dr Ashok K Dubey       | Member Secretary                   |

### IEC – Clinical Trials

IEC-CT was registered with the Central Drugs Standard Control Organisation (CDSCO) in April 2023. The Institutional Ethics Committee (Clinical Trials) oversees clinical trials submitted for ethical review to the committee to ensure the protection of participants and the ethical conduct of research. The IEC-CT committee conducted four meetings from April 2023 to March 2024 and reviewed two clinical trial protocols to ensure that the research design is scientifically sound and that ethical guidelines are followed balancing the trial's risk-benefit ratio for the participants. In addition, the standard operating procedure of IEC-CT is under amendment to add new guidelines issued by ICMR and CDSCO. The committee is also preparing a MoU between the Chairperson of IEC-CT and the Head of the Institute. The members of the Institutional Ethics Committee (Clinical Trials) are:

| Name of the Members        | Post held                           |
|----------------------------|-------------------------------------|
| Lt. Gen (Dr) VP Chaturvedi | Chairperson                         |
| Prof. Sanjay Vikrant       | Member                              |
| Shri Rajesh Kumar Verma    | Member (Legal)                      |
| Shri Chaman Thakur         | Alternate Member (Legal)            |
| Mrs. Brij Bala Sankhyan    | Member (Social Scientist)           |
| Shri Vinod Kumar           | Alternate Member (Social Scientist) |
| Shri Jagdish Thakur        | Member (Layperson)                  |

|                    |                                            |
|--------------------|--------------------------------------------|
| Dr. Bikash Medhi   | Member (Basic Medical Scientist)           |
| Dr. Prashant Sood  | Alternate member (Basic Medical Scientist) |
| Prof RK Kaushal    | Member (Clinical Scientist)                |
| Dr Harpreet Kaur   | Member (Clinical Scientist)                |
| Dr Yangshen Lhamo  | Member                                     |
| Dr Meenakshi Meenu | Member-secretary                           |

## Guest Lecture by international dignitaries

Dr. Srinivas V. Kaveri, Director Research INSERM, Paris, France and Director, Bureau CNRS, New Delhi, a renowned expert in immunology and antibody research interacted with the faculty and students at AIIMS, Bilaspur on 7.11.2023. He delivered a captivating lecture on noble functions of antibodies for the faculty. This was followed by another lecture on international funding opportunities for collaborative research with France and other European countries for the faculty members. These funding opportunities are a part of a global initiative to advance scientific knowledge and foster international collaboration in the field of immunology and antibody research. He provided an overview of the vast research capabilities of CNRS, one of the world's leading research organizations.



## Workshop on Grant Writing and Research Methodology

Department of Community & Family Medicine, and Research Section, AIIMS Bilaspur (H.P.) organized the workshop from 3<sup>rd</sup> to 4<sup>th</sup> November 2023. The workshop was organized for capacity building of faculty in writing a proposal for a research grant and to promote a culture of quality research in the institution. Dr R M Pandey, Dr A.S. Paintal Distinguished Scientist Chair of ICMR, Former Professor & Head, Department of Biostatistics, AIIMS New Delhi, and Dr Ashoo Grover, Scientist G ICMR New Delhi, conducted the sessions. A total of 21 faculty members from different departments including pre-clinical, para-clinical, and clinical, participated in the workshop.



## INNOVATION IN HEALTHCARE

### **Innovation, Incubation and Entrepreneurship Cell (IIEC)**

The Innovation, Incubation and Entrepreneurship Cell (IIEC) has been established at AIIMS Bilaspur to promote innovation and entrepreneurship in the institution through multitudinous modes leading to an innovation promotion ecosystem. The cell envisions networking individuals, concepts, expertise, and resources to encourage, inspire, and nurture the innovative ideas of faculty and students and transform them into working models, products, and start-ups. The centre will provide a supportive entrepreneurial environment that accelerates the successful development of start-up companies through an array of adequate resources and services. The Government of Himachal Pradesh had supported the incubation centre for Healthtech innovations under Startup India Scheme.



सर्वे सन्तु निरामया



## DEPARTMENTAL ANNUAL REPORT





## DEPARTMENT OF ANESTHESIOLOGY & CRITICAL CARE

### Faculty

| S. No. | Name                         | Designation                 | Date of Joining |
|--------|------------------------------|-----------------------------|-----------------|
| 1.     | Dr. Vijayalakshmi Sivapurapu | Additional Professor & Head | 29.08.2023      |
| 2.     | Dr. Sunil Thakur             | Associate Professor         | 01.12.2023      |
| 3.     | Dr. Pooja Gurnal             | Assistant Professor         | 23.11.2020      |
| 4.     | Dr. Ayesha Goyal             | Assistant Professor         | 14.12.2023      |

### About the Department

The Department of Anesthesiology is a critical and dynamic part of medical care, dedicated to ensuring the safety and comfort of patients undergoing surgical, diagnostic, and therapeutic procedures. It plays a pivotal role in modern healthcare, encompassing various subspecialties and interdisciplinary collaboration.

#### Vision:

- To be a leader in anesthesia care, recognized for excellence in clinical practice, education, and research
- To provide comprehensive perioperative care, pain management, and critical care services.
- Training of medical students, residents, and fellows to become proficient, compassionate, and ethical anesthesiologists
- To conduct innovative and impactful research to advance the field of anesthesiology and improve patient outcomes.
- To encourage interdisciplinary research collaborations to foster advancements in medical science
- To engage in community outreach programs to educate the public about anesthesia and perioperative care
- To foster a culture of continuous learning and professional growth for faculty and staff.
- To promote leadership and advocacy in the field of anesthesiology at national and international levels.

#### Mission:

To provide exceptional anesthesia care, pain management, and critical care services while

advancing the field through innovative research and comprehensive education

#### Patient Care Services:

**1) Operation Theatre:** The department has increased its number of functional Operation Theatres from 2 to 3 along with one emergency OT running for 24 hours. The department is well equipped with various high-end equipment & experience to deal with various high-risk cases. We are providing anesthesia services to variety of surgical specialties & super specialties like neurosurgery, pediatric surgery, urology, oncosurgery etc.

**2) Pre Anesthesia Clinic:** The regular presence of senior resident, and junior resident in the PAC clinic with constant guidance from faculty has strengthened our patient care delivery.

**3) Perioperative Medicine:** The department is involved in the comprehensive care of patients before, during, and after surgery. Anesthesiologists assess and optimize patients' medical conditions prior to surgery, to ensure safe outcomes.

**4) Acute Pain Services:** Department is committed & specializes in managing acute pain using a variety of interventions including medication management, central neuraxial & USG guided peripheral nerve blocks.

**5) Non Operative Room Anesthesia (NORA) Services:** Once a week department provides services for various intervention & diagnostic radiology procedures.

**6) Critical care Unit:** Since January 2024 Department of Anesthesiology has started 10-bed

CCU for providing services to critically ill patients. Anesthesiologist's expertise in airway management, resuscitation, and advanced monitoring is crucial for better perioperative outcomes, especially in high-risk cases.

**7) Academic Courses:** The department is running a PG course in MD Anesthesiology with an intake of 4 students per year.

## **Future Plans:**

### **A) Clinical Care:**

- 1) To expand our services for patient care: To increase the number of operation theatres for super specialty & other surgical departments.
- 2) To start Renal transplant services.
- 3) To start Cardiothoracic vascular surgery Operation Theatre
- 4) To expand our scope of services for the critical care unit
- 5) To strengthen our acute pain services & to start a separate Pain clinic for chronic pain management and Pain OT also.
- 6) To strengthen our PAC clinic services & to start PAC clinic in OPD designated area.

### **B) Education & training:**

1) To start super specialty/ subspecialty courses in Critical Care, Oncoanesthesia, Paediatric Anesthesia

2) To increase the number of PG students intake from 4 to 8 per year.

3) To start B.Sc. OT technician course.

4) To set up a skill lab & use of simulation for teaching & training of MBBS & PG students.

5) To start a departmental library & museum.

### **C) Research:**

The department is committed to advancing the field through research in areas such as anesthetic techniques, pain mechanisms, and patient safety. To encourage interdisciplinary research collaborations to foster advancements in medical science

### **D) Community Outreach program:**

The department will engage more in community outreach programs to educate the public about anesthesia and perioperative care. We are committed to our goal of training basic life support to every community member. To prepare educational videos on the aspects of PAC, Anesthesia & run them in the PAC/ patient waiting area.

## **Lectures Delivered/Papers or Posters Presented at CMEs /National & International Conferences**

| S. No. | Name of the faculty          | Title of Lecture/ Paper/ Poster                                                              | CME/ Conference                                                                                         | Date                                          | Organizer & Venue                |
|--------|------------------------------|----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|-----------------------------------------------|----------------------------------|
| 1.     | Dr. Vijayalakshmi Sivapurapu | As workshop Faculty- Regional Blocks in Trauma- Master Demo on volunteer (Chest wall blocks) | 1 <sup>st</sup> Annual International Conference of Society of Trauma Anesthesia & Critical Care (STACC) | 03/11/2023                                    | PGIMER Chandigarh                |
| 2.     | Dr. Vijayalakshmi Sivapurapu | Lecture: My patient has developed PNI- How to proceed?                                       | 70 <sup>th</sup> Annual National Conference of ISA-ISACON 2023                                          | 24/11/2023                                    | ISA National Gurugram            |
| 3.     | Dr. Sunil Thakur             | Lecture:                                                                                     | HP-ISACON 2024                                                                                          | 30 <sup>th</sup> -31 <sup>st</sup> March 2024 | Dr. RPGMC Kangra at Tanda (H.P.) |

|    |                     |                                                                                                                                                              |                                                           |                                                     |                                                       |
|----|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------|-------------------------------------------------------|
|    |                     | EASy-ALS protocol-<br>Role of POCUS in<br>CPR                                                                                                                |                                                           |                                                     |                                                       |
| 4. | Dr. Pooja<br>Gurnal | Lecture:<br>Managing OSA in<br>paediatric patient                                                                                                            | HP-ISACON-<br>2023                                        | 29-30 April<br>2023                                 | MMU- Solan                                            |
| 5. | Dr. Pooja<br>Gurnal | Lecture:<br>Resuming oral intake<br>after Caeserean- late<br>is good but early is<br>better?                                                                 | HP-ISACON<br>2024                                         | 30 <sup>th</sup> -31 <sup>st</sup><br>March<br>2024 | Dr. RPGMC<br>Kangra at Tanda<br>(H.P.)                |
| 6. | Dr. Ayesha<br>Goyal | Poster:<br>Simulation Versus<br>Point of Care<br>Teaching of Basic<br>Transthoracic<br>Echocardiography- A<br>prospective<br>Randomized<br>Superiority Study | 18 <sup>th</sup> World<br>Congress of<br>Anesthesiologist | 3 <sup>rd</sup> -7 <sup>th</sup><br>March<br>2024   | World Congress<br>of<br>Anesthesiologist<br>Singapore |

## DEPARTMENT OF ANATOMY

### Faculty

| S. No. | Name                    | Designation         | Date of Joining |
|--------|-------------------------|---------------------|-----------------|
| 1.     | Dr. Nidhi Puri          | Professor & Head    | 16.06.2022      |
| 2.     | Dr. Sanjay Kumar Sharma | Associate Professor | 23.11.2020      |
| 3.     | Dr. Bhagya Shree        | Assistant Professor | 11.11.2020      |
| 4.     | Dr. Sachin Soni         | Assistant Professor | 23.11.2020      |
| 5.     | Dr. Sushant Swaroop Das | Assistant Professor | 24.06.2022      |
| 6.     | Dr. Monali Hiwarkar     | Assistant Professor | 14.06.2022      |

### About the Department

Anatomy is foundation of edifice of clinical learning. The journey into fascinating field of medicine begins by trying to understand the structure of human body. The subject of Anatomy deals with the study of human body from cellular to macroscopic level. It is one of the bed rock departments of AIIMS Bilaspur. The department of Anatomy is in the second basement floor of Academic Block.

Major activities of the department are centered around teaching and research. The undergraduate course taught by our distinguished faculty, provide students with a solid foundation in the medical sciences. Postgraduation in Anatomy has been also sanctioned. PG teaching module consists of seminars, microteaching, journal clubs, PG classes, assessments, discussions and demonstration. This year, we have also started teaching anatomy to other allied medical branches too like BSc Nursing and BSc Paramedical courses.

The Department has started Histology lab, Dissection Hall, Research lab, Microanatomy lab and Museum in the new academic block. These labs of the department conduct both basic and applied researches using experimental as well as clinical materials.

Department has successfully organized Hands-on training workshop on Chat-GPT: A transformative tool for Research writing and Academics on 16<sup>th</sup> March 2024 at AIIMS, Bilaspur, which was attended by many eminent speakers and delegates.

The department has also started the Voluntary Body Donation Programme and facility of Embalming. There are currently 23 registered body donors with the department. The department also organized Cadaveric oath ceremony on 6<sup>th</sup> October 2023 to inculcate ethics, responsibilities in MBBS students towards cadaver as first teacher.

In future, we are planning to establish a cytogenetics lab, fetal autopsy for patient care and a cadaveric skill lab for developing and enhancing surgical skills among students and surgeons.

**Patient Care Services:** The department is providing Embalming Services on regular basis. The department has carried out 5 regular and 2 social embalming.

**Academic Courses:** MBBS, B.Sc Nursing (1<sup>st</sup> & 2<sup>nd</sup> Year), B. Sc Paramedical which include Medical Lab Technology, Medical Radiology and Technology, and Dialysis Technology.

### CMEs/Workshop/Symposia/National & International Conferences Organised

1. Organized Hands-on training workshop on Chat-GPT: A transformative tool for Research writing and Academics on 16<sup>th</sup> March 2024 at AIIMS, Bilaspur.
2. Organized Cadaveric oath ceremony of 1<sup>st</sup> year MBBS students on 6<sup>th</sup> October 2023.

- Organized an interaction of famous Japanese cardiologist Dr. Tomoko S Kato from International University of health and Welfare, Japan with faculty and MBBS students on 26<sup>th</sup> October 2023.

### Lectures Delivered/Papers or Posters Presented at CMEs /National & International Conferences

| S. No. | Name of the faculty     | Title of Lecture/ Paper/ Poster                                                                                                               | CME/ Conference                                              | Date                 | Organizer & Venue                                          |
|--------|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------------|------------------------------------------------------------|
| 1.     | Dr. Nidhi Puri          | 3-dimensional anatomy of bronchopulmonary segments VATS.                                                                                      | Speaker at International Heart Congress 2023                 | 24 & 25 May 2023     | Online conference                                          |
| 2.     | Dr. Sushant Swaroop Das | Paper- A novel method of estimation of total ventricular volume and volume fraction of brain in CT scan printed films- A stereological study. | North Chapter of Anatomists Society                          | 30 Jan 2024          | Department of Anatomy, Government Medical College, Patiala |
| 3.     | Dr. Monali Hiwarkar     | Poster on -Engineered Exosomes for Targeted Nano Drug Delivery                                                                                | International Conference on Nanomaterials and Nanotechnology | 11-13 September 2023 | VNIT, Nagpur                                               |

### Research

| S. No. | Title of the Project                                                                                                                                                                | Name (Role)               | Extramural/ Intramural/ Self funded | Duration (Yrs) | Status (Ongoing/ Completed) | Total funds sanctioned (Rs.) |
|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------------------|----------------|-----------------------------|------------------------------|
| 1.     | Correlation of dimension of hands and feet with stature in indigenous population of Tribal Districts of Himachal Pradesh. (Technical Sanction number-2021-13605/F1 Date-17/12/2021) | Co-PI - Dr. Sanjay Sharma | Extramural                          | 1Yr            | Completed                   | 4,72,794                     |

### Publications

- Shree B, Soni S, Sharma SK, Handge K, Kumar A, Das SS, Puri N.** Analytical study of mandible: Prerequisites for sex determination. J Pharm Bioallied Sci. 2023 Jul;15(Suppl 2): S1215-S1217. doi: 10.4103/jpbs.jpbs\_155\_23.
- Shree B, Singla RK, Soni S, Kumar A, Sharma SK, Das SS, Puri N.** Posterior leaflet of mitral valve – is it tri-scalloped? A morphological and morphometric study in north Indian cadaveric hearts. Adv Biomed Res. 2023; 12: 229 DOI: 10.4103/abr.abr\_330\_22.

3. Dogra K, **Puri N**, Somya, Puri D. Association of second to fourth digit ratio (2D:4D) with risk prediction of coronary artery disease among females of North-west India. J Cardiovasc Ds Res. 2023; 14: 69-78.
4. Pipil N, Gupta PP, **Soni S**, Chopra D, Lhamo Y, Singh N, **Shree B**. Hypoglycemic effect of Nelumbo nucifera seed extract on GLUT-4 mRNA and GLUT-4 protein in Streptozotocin-induced diabetic rats. J Pharm Bioall Sci 2023;15: S1059-61.
5. Sheetal, Chhabra HS, Kumar A, **Shree B**, Singh R. Advanced Directives, DNAR and the Plethora of Misunderstanding Created by Various Guidelines/Policy Statements. J Punjab Acad Forensic Med Toxicol 2023;23(1):173-7. ISSN: 0972-5687 DOI:10.5958/0974-083X.2023.00027.4
6. **Das SS**, Choudhary C, Mishra M. Sexual Dimorphism of the Nutrient Foramen of the Fibula and Its Importance in Vascularised Bone Grafting: A Descriptive Cross-Sectional Study. Indian Journal of Orthopaedics. 2023 Aug;57(8):1276-82.
7. Saluja S, Tigga SR, **Das SS**, Thakur A. Determination of sexual dimorphism of the human sacrum based on receiver operating characteristic curve analysis of morphometric parameters. Cureus. 2023 May;15(5).

## Chapter(s) in Book

| S. No. | Author(s)               | Chapter                                          | Name of the Editor  | Title of the Book           | Publication Details (Edition, Year, Publisher) |
|--------|-------------------------|--------------------------------------------------|---------------------|-----------------------------|------------------------------------------------|
| 1.     | Dr. Nidhi Puri          | Lymphoid Tissue                                  | Dr. Yogesh Sontakke | Textbook of Human Histology | 2nd edition, 2023, CBS Publisher.              |
| 2.     | Dr. Sushant Swaroop Das | Digestive System III: Small and Large Intestines | Dr. Yogesh Sontakke | Textbook of Human Histology | 2nd edition, 2023, CBS Publisher.              |

## Awards, Honors and Significant Achievements

### Dr. Nidhi Puri

1. Invited as speaker at International Heart Congress 2023 on the topic: 3-dimensional anatomy of bronchopulmonary segments for VATS held on 24<sup>th</sup> and 25<sup>th</sup> May 2023.
2. As Judge for 1<sup>st</sup> National Conference of Society of Medical Anatomists at Kaling Institute of Medical Sciences Bhubaneswar on 20<sup>th</sup>&21<sup>st</sup> January 2024.
3. As Judge 5<sup>th</sup> CME & Conference of North Chapter of Anatomists Society on 30<sup>th</sup> January 2024.

### Dr. Sanjay Kumar Sharma

1. Life member of AIIMS Association for Anatomy
2. Life member of North Chapter of Anatomists Society.

### Dr. Bhagya Shree

1. National advisory board member of Inderbir Singh-Human Embryology
2. Assistant editor in Journal of Advanced medical and Dental Science research.
3. Editorial board member of International Journal of Research in Health and Allied Sciences.
4. Life member of AIIMS Association for Anatomy.

### Dr. Sachin Soni

1. Life member and Treasurer of AIIMS Association for Anatomy
2. Life member of North Chapter of Anatomists Society

### Dr. Sushant Swaroop Das

1. Editorial Board member of Langman's Medical Embryology (2nd south asian edition).
2. Executive member of AIIMS Association for Anatomy.
3. Executive member of North Chapter of Anatomists Society.
4. Reviewer of Pubmed indexed Journal- Cureus.
5. Reviewer of Scopus Indexed Journal- National Journal of Clinical Anatomy.

### Community Service

1. Body donation awareness campaign on 20<sup>th</sup> September 2023 at Nauni Gram Panchayat, Bilaspur.
2. Newspaper paper article on body donation awareness by Dr. Sushant Swaroop Das on 17.02.24.
3. Organized various school educational visits to Anatomy Museum to sensitize school children about medical education.



## DEPARTMENT OF BIOCHEMISTRY

### Faculty

| S. No. | Name                | Designation         | Date of Joining                 |
|--------|---------------------|---------------------|---------------------------------|
| 1.     | Dr. Sadhna Sharma   | Professor           | 16.11.2023                      |
| 2.     | Dr. Sumita Sharma   | Associate Professor | 16.11.2020                      |
| 3.     | Dr. Deepti Malik    | Assistant Professor | 11.11.2020                      |
| 4.     | Dr. Manish Kumar    | Assistant Professor | 23.01.2021<br>(Upto 29.11.2023) |
| 5.     | Dr. Onjal K Taywade | Assistant Professor | 20.11.2020                      |
| 6.     | Dr. Anurag Sankhyan | Assistant Professor | 24.06.2021                      |
| 7.     | Dr. Sanjukta Naik   | Assistant Professor | 17.01.2024                      |

### About the Department

The Department of Biochemistry at AIIMS Bilaspur has been established to offer quality education and research opportunities for undergraduate, postgraduate, and PhD students, as well as to provide diagnostic laboratory services to support patient care.

**Vision:** The department envisions to be a premier center of excellence in education, research, and clinical diagnostics.

**Mission:** Our mission is to establish an exemplary department that excels in providing high-quality education for both undergraduate and postgraduate students. We aim to develop a state-of-the-art hospital laboratory as per national and international standards, ensuring the delivery of accurate and reliable test results. By nurturing a collaborative research environment, department strives to make substantial contributions to the advancement of medical science thus improving patient outcomes.

**Patient Care Services:** The department is providing diagnostic services through Hindlabs and the in-house Clinical Biochemistry Lab at the Diagnostics Block C of the hospital. The Biochemistry section of the Hindlabs services is being managed by the department and the faculty has been engaged in supervision of the day-to-day functioning and authentication of the reports of the Hindlabs. The faculty have reviewed around 6 Lakhs investigations from April 2023 to March 2024. The quality of the laboratory is

being monitored through internal quality control program daily and participating in External Quality Assurance Schemes monthly. The department through the Clinical Diagnostic Laboratory (Block C) has started a range of diagnostic tests in a phased manner. The in-house tests for Hb- HPLC, RF, ASO, urinary protein, microalbumin, fluid analysis and ELISA-based testing for anti-CCP and anti-tTG IgA antibodies are being conducted. The department has carried out around 10,000 investigations from April 2023 to March 2024 at the Diagnostics Block. The department has started 'Deletion study for Duchenne/Becker Muscular dystrophy' in September 2023.

**Academic Courses:** The faculty members are actively engaged in delivering lectures and conducting practical sessions for undergraduate students of MBBS, Nursing, and Paramedical Sciences, which include Medical Lab Technology, Medical Radiology and Technology, and Dialysis Technology. Additionally, the MD course for the Department of Biochemistry had received approval, and the department anticipates enrolling a student for the same soon. To enhance teaching and facilitate better understanding among students, a variety of teaching-learning methods are employed alongside traditional didactic lectures, such as tutorials, case studies, seminars and early clinical

exposure. Furthermore, the performance of students is evaluated through regular class tests.

## Future Plans:

**Expansion of Diagnostic Services:** In the coming year, the department plans to expand inhouse diagnostic services at Clinical Biochemistry Laboratory, Diagnostics Block C. The department has standardized mutation detection for thalassaemia and will be starting the diagnostic services for this shortly.

**Newborn Screening Setup:** The department is planning to initiate neonatal screening services and the procurement of instrument for the same is in progress.

**Ph.D. Program:** The Department of Biochemistry plans to launch the Ph.D. program in the coming year.

**Research activities-** The faculty members plan to execute various Extra as well as intramural research projects in the coming year.

## CMEs/Workshop/Symposia/National & International Conferences Organized

1. The department organized 'North Zone Conference of Association of Clinical Biochemists of India' from 26<sup>th</sup>- 28<sup>th</sup> April 2023 at AIIMS, Bilaspur.
2. The department organized Workshop on 'Phlebotomy' for Nursing Officers and Lab Technicians on 26<sup>th</sup> April, 2023 at AIIMS, Bilaspur.

## Lectures Delivered/ Papers or Posters Presented at CMEs/ National & International Conferences

| S. No. | Name of the faculty | Title of Lecture/ Paper/ Poster                                                                               | CME/ Conference                                                       | Date                          | Organizer & Venue                             |
|--------|---------------------|---------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|-------------------------------|-----------------------------------------------|
| 1.     | Dr Sadhna Sharma    | Delivered a talk as guest speaker on "Implications of Nanotechnology in the treatment of infectious diseases" | Society for Advancement of Academics, Sports and Cultural Activities  | 8 <sup>th</sup> Feb 2024      | Department of Biochemistry, PAU Ludhiana      |
| 2.     | Dr Deepti Malik     | Presented a paper entitled "Mitochondrial respiration is restricted by miR-2909 within human melanocytes"     | Pharmacogenomic 2023: Basics to Advanced.                             | 14 <sup>th</sup> October 2023 | Department of Pharmacology, PGIMER Chandigarh |
| 3.     | Dr Deepti Malik     | Presented a paper entitled Oncogenic nature of miR-2909 in Pediatric T-cell Acute Lymphoblastic Leukemia      | North Zone ACBI Conference                                            | 2 <sup>nd</sup> Feb 2024      | Department of Biochemistry, AIIMS Jodhpur     |
| 4.     | Dr Deepti Malik     | Participated as Speaker Cell Culture: Drug Dosage Standardization                                             | 7th Advanced Training Program in Experimental Behavioral Neuroscience | 17 <sup>th</sup> Feb 2024     | Department of Pharmacology, PGIMER Chandigarh |

|    |                  |                                                                                                                                       |                               |                                                   |                                                                            |
|----|------------------|---------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|---------------------------------------------------|----------------------------------------------------------------------------|
| 5. | Dr. Manish Kumar | Presented a poster titled In-vivo shRNA screening identifies potential therapeutic target in CREBBP/EP300 mutant head and neck cancer | 49 <sup>th</sup> ACBICON 2023 | 14 <sup>th</sup> -16 <sup>th</sup> September 2023 | Organized by Believers Church Medical College Hospital, Thiruvalla, Kerala |
|----|------------------|---------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|---------------------------------------------------|----------------------------------------------------------------------------|

## Research

| S. No. | Title of the Project                                                                                                                                                                                                              | Name (Role)             | Extramural/ Intramural/ Self-funded | Duration (Yrs) | Status (Ongoing/ Completed) | Total funds sanctioned (Rs.) |
|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|-------------------------------------|----------------|-----------------------------|------------------------------|
| 1.     | Assessment of association of lifestyle-related disease biomarkers with autonomic and cognitive functions in different age group natives of Spiti Valley of Himachal Pradesh: A comprehensive observational cross-sectional study. | CO-I: Dr. Sumita Sharma | Extramural (ICMR)                   | 2Yrs           | Ongoing                     | 25,44,126/-                  |
| 2.     | To illustrate how miR-RNomics governs TGF $\beta$ signalling cascade in Human Prostate Cancer                                                                                                                                     | PI: Dr. Deepti Malik    | Extramural (ICMR)                   | 3Yrs           | Ongoing                     | 21,66,432/-                  |
| 3.     | Clinicometabolic Profile of PCOS in the sub-Himalayan region of North India A Prospective study<br>HK/PCOS/CSR/2023                                                                                                               | Co-I: Dr. Deepti Malik  | Extramural (CSR)                    | 2Yrs           | Ongoing                     | 4,99,550/-                   |
| 4.     | Comprehensive Genetic Analysis of Parkinson Disease in Indian Population Multicentric Project                                                                                                                                     | Co-I: Dr. Deepti Malik  | Extramural (Med Genome Pvt Labs)    | 3Yrs           | Ongoing                     | 2,60,000                     |
| 5.     | Understanding the role of Ubiquitously Transcribed Tetratricopeptide Repeat Containing, Y-Linked (UTY) in Epithelial-                                                                                                             | PI: Dr. Manish Kumar    | Extramural (DST-SERB)               | 2Yrs           | Ongoing                     | 31,54,970/-                  |

|    |                                                                                                                       |                      |                       |      |         |                 |
|----|-----------------------------------------------------------------------------------------------------------------------|----------------------|-----------------------|------|---------|-----------------|
|    | mesenchymal transition of oral cancer cells                                                                           |                      |                       |      |         |                 |
| 6. | To study the role of KDM5D (Lysine Demethylase 5D) gene expression in the migration and invasion of oral cancer cells | PI: Dr. Manish Kumar | Extramural (DST-SERB) | 3Yrs | Ongoing | Rs. 36,66,168/- |

## Publications

### Dr. Sadhna Sharma

- Aggarwal A, Singla N, Konar M, Kaur M, Sharma K, Jain K, Modi M, **Sharma S**. Role of microRNAs as post-transcription regulators of matrix metalloproteinases and their association in tuberculous meningitis. *Tuberculosis*. 2024; 146:102501.
- Kaur B, Kaur M, Ahlawat P, **Sharma S**. In vitro and in vivo evaluation of dual Clofazimine and Verapamil loaded PLGA nanoparticles. *Indian J Clin Biochem*. 2023; 38:466–474. doi: 10.1007/s12291-022-01062-8.
- Khanna P, Kaur M, Varma N, **Sharma S**, Sehgal R, Singh T, Srivastava R, Kushwaha S, Jain R. Impact of community-based nutrition intervention in the prevention and control of anaemia among reproductive-aged women of India. *Matern Child Health J*. 2023 Jul;27(7):1247-1253. doi: 10.1007/s10995-023-03656-x. Epub 2023 Mar 29.
- Ravi Teja KV, Malhotra B, Vogel M, Marwaha RK, Aggarwal A, Pal R, Das L, Sachdeva N, Devi N, Bansal D, Rastogi A, **Sharma S**, Gajinder D, Bhadada SK, Ghosh J, Monaghan PJ, Korbonits M, Dutta P. Normative data for insulin-like growth factor-1 (IGF-1) in healthy children and adolescents from India. *J Clin Endocrinol Metab*. 2024 May 15: dgae340 doi: 10.1210/clinem/dgae340. Epub ahead of print. PMID: 38748681.

### Dr. Deepti Malik

- Chaudhary R, Bansal S, Goel A, Gupta S, **Malik D**, Bansal N. Unravelling the Crosstalk between Estrogen deficiency and Gut-biota Dysbiosis in the development of Diabetes Mellitus. *Curr Diabetes Rev*. 2024 Jan 24. doi: 10.2174/0115733998275953231129094057.
- Dhir N, Jain A, Sharma AR, Sharma S, Mahendru D, Patial A, **Malik D**, Prakash A, Attri SV, Bhattacharyya S, Radotra BD. Rat BM-MSCs secretome alone and in combination with stiripentol and ISRIB, ameliorated microglial activation and apoptosis in experimental stroke. *Behavioural Brain Research*. 2023 Jul 9; 449:114471.

### Dr. Manish Kumar

- Pifer PM, Yang L, Kumar M, Xie T, Frederick M, Hefner A, et al. FAK drives resistance to therapy in HPV-negative head and neck cancer in a p53-dependent manner. *Clin Cancer Res* 2024; 30:187–97.

## Chapter(s) in Book

| S. No. | Author(s)                              | Chapter             | Name of the Editor     | Title of the Book               | Publication Details (Edition, Year, Publisher)              |
|--------|----------------------------------------|---------------------|------------------------|---------------------------------|-------------------------------------------------------------|
|        | Sharma K, <b>Sharma S</b> , Kanwar JR. | MicroRNA Signatures | Mukherjee S, Kanwar JR | Hypoxia in Cancer: Significance | Singapore: Springer Nature Singapore; 2023. Available from: |

|    |                                                                                            |                                                 |  |                                                               |                                                                                                       |
|----|--------------------------------------------------------------------------------------------|-------------------------------------------------|--|---------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
|    |                                                                                            | of Tumor Hypoxia.                               |  | and Impact on Cancer Therapy.                                 | <a href="https://doi.org/10.1007/978-981-99-0313-9_7">https://doi.org/10.1007/978-981-99-0313-9_7</a> |
| 2. | <b>Malik Deepti</b> , Kaur Gurjeet, Rajput Manisha, Medhi Bikash (pp.187-197) January 2024 | Role of non-coding RNA as biomarkers for cancer |  | Biomarkers in Cancer Detection and Monitoring of Therapeutics | Science Direct, 2024 DOI:10.1016/B978-0-323-95116-6.00013-X ISBN No. 9780323951166                    |

### Awards, Honors, and Significant Achievements

#### Dr Sadhna Sharma

1. Was presented award of honour by Society for Advancement of Academics, Sports and cultural Activities held by College of Basic Sciences and Humanities, PAU, Ludhiana on February 8, 2024.
2. Has been nominated as member to the monitoring committee for National Facility for Biological and Genomic Resources (MC-NFBGR) of CSIR- Institute of Genomics and Integrative Biology.

#### Dr. Sumita Sharma

1. Won First Prize in 'Asia Pacific Federation for Clinical Biochemistry and Laboratory Medicine-Case Contest 2023'.
2. Got felicitated at the Annual Conference of Association of Medical Biochemists of India held from 13th – 16th December 2023 in Mumbai for contribution towards the academic programme, organized by the association's academic cell.

#### Dr. Deepti Malik

1. Has been awarded Appreciation Award in 7th Advanced Training Program in Experimental Behavioural Neuroscience, Organized by Department of Pharmacology, PGIMER Chandigarh 15<sup>th</sup> February- 17<sup>th</sup> February, 2024.

#### Dr. Manish Kumar

1. Won First Prize in 'Asia Pacific Federation for Clinical Biochemistry and Laboratory Medicine-Case Contest 2023'.

#### Dr. Onjal K. Taywade

1. Won First Prize in 'Asia Pacific Federation for Clinical Biochemistry and Laboratory Medicine-Case Contest 2023'.

#### Dr. Anurag Sankhyan

1. Won First Prize in 'Asia Pacific Federation for Clinical Biochemistry and Laboratory Medicine-Case Contest 2023'.

### Community Service

1. The department organized awareness activity 'Role of healthy diet and exercise in prevention of anaemia and nutritional deficiency disorders among students' on 27<sup>th</sup> September 2023 at Jawahar Navodaya Vidyalaya, Bilaspur.

## DEPARTMENT OF BURNS AND PLASTIC SURGERY

### Faculty

| S. No. | Name              | Designation         | Date of Joining |
|--------|-------------------|---------------------|-----------------|
| 1.     | Dr Navneet Sharma | Assistant Professor | 23.11.2020      |

### About the Department

The department of burns and plastic surgery is providing OPD services 3 days a week. There are 15 beds in IPD including 2 HDU beds. Various OT procedures are being performed under general, local and regional anaesthesia. The department of burns and plastic surgery has done a total of 512 surgeries out of which 145 are major surgeries and 367 minor surgeries. These include skin grafting, flap surgeries for various wound defects, correction of congenital anomalies, various hand surgeries, diabetic foot surgeries, AV fistula creation, vascular repairs, nerve repair, etc. In addition, 2221 dressings/minor procedures have been done in the procedure room of OPD. The department is also assisting other departments in cancer reconstruction in the form of pedicled/free flaps. The department is engaged in creating AV Fistulas in association with the nephrology department and doing various procedures in the management of diabetic foot management along with the endocrinology department. The department is also involved in

teaching undergraduate students in vertically integrated classes and general surgery classes. The department also conducted an outreach activity- 'Safe Diwali celebration' in various schools of Bilaspur to raise awareness regarding safe Diwali practices, firecracker hazards, and first aid in case of accidental burns.

**Vision:** To establish a dedicated burns center.

**Mission:** To establish a comprehensive plastic surgery department that will cater to all fields of plastic surgery from head to toe.

**Patient Care Services:** Cleft surgeries, correction of congenital anomalies, hand surgeries, diabetic foot surgeries, acute burn care and rehabilitation, brachial plexuses surgeries, trauma reconstruction.

**Academic Courses:** M.Ch. course curriculum approved.

**Future Plans:**

- 1) To start cleft surgeries and collaboration with Smile Train.
- 2) To establish a burns unit.

### Lectures Delivered/Papers or Posters Presented at CMEs /National & International Conferences

| S. No. | Name of the faculty | Title of Lecture/ Paper/ Poster | CME/ Conference          | Date            | Organizer & Venue |
|--------|---------------------|---------------------------------|--------------------------|-----------------|-------------------|
| 1.     | Dr Navneet Sharma   | Distally based sural flaps      | NZAPSICON PGI Chandigarh | 6 February 2023 | PGI Chandigarh    |

### Community Service

1. Community outreach activity in various schools of Bilaspur regarding Safe Diwali celebrations.

## DEPARTMENT OF CARDIOLOGY

### Faculty

| S. No. | Name                   | Designation         | Date of Joining |
|--------|------------------------|---------------------|-----------------|
| 1.     | Dr Navdeep Singh Sidhu | Assistant Professor | 04.10.2022      |

### About The Department

The department of Cardiology started functioning from Oct 2022 after the joining of Dr Navdeep Singh Sidhu as Assistant Professor. Presently the department provides OPD services (three days/week), echocardiography services (3 days/week). The department has also started in patient

Services (IPD), Cardiac care unit admitting ~150-160 till now. The Cardiac catheterization laboratory (Cath lab) was started from 09/02/2024 and conducts 60-65 procedures/month. The department is conducting various Procedures like angiography, coronary angioplasty/stenting, Temporary and Permanent Pacemakers Implantation, Intra-carotid stenting, peripheral vascular stenting, pericardiocentesis, Fractional flow reserve (FFR), Cardiac Resynchronization therapy (CRT), Implantable cardioverter defibrillator (ICD) etc. for the needy patients.

The department has given the Cardiac catheterization laboratory (Cath lab) services to approximate 120-130 patients till now. The patient load in the department has been increasing steadily and currently the department provides OPD services to about 700-800

patients/month and echocardiography services to about 200-220 patients/month. Besides this the department provides cardiology consultations to patients admitted in other departments and pre-operative fitness to patients with cardiac symptoms or disease who are planned for Non-Cardiac Surgeries. The department also provides emergency services in collaboration with the medicine department. The department is involved in the UG teaching program of the institute with MBBS students posted for their clinical posting in the cardiology department.

### Future Plan:

- The department aims to start its Electrophysiology study (EPS), Radiofrequency ablation (RFA)
- In the coming months the facility for treadmill testing (TMT), Holter Monitoring, Stress echocardiography, Transesophageal echocardiography (TEE), and other non-invasive investigations is also likely to be functional.
- Plan to start a DM Cardiology course in the Department. (Curriculum already approved).
- ECG teaching and echo briefing for UGs and JRs.

### CMEs/Workshop/Symposia/National & International Conference Organized

Department of Cardiology, in collaboration with the department of medicine, organized E-Slogan and E-Poster competitions on occasion of World Heart Day (29 Sep 2023) to spread awareness about heart diseases. Dr Navdeep Singh Sidhu also delivered a health-talk to the patients and their attendants in the OPD on this occasion.

### Research

Research proposal as a participating center in Nation-wide LAI-LCARE survey submitted

### Publications

1. Mahla H, Kumar L, Sidhu NS, Chaturvedi N, Keshav M, Sharma SM et al. RV Dysfunction and Pulmonary Hypertension as a Long-term Sequelae of COVID-19 illness: A Study Among Patients of South East Asian Region. J Popul Ther Clin Pharmacol 2023; 30(01): 750-756.
2. Jaryal A, Sidhu NS, Vikrant S. Symptomatic Bradycardia Post Rituximab Infusion. Indian J Nephrol. 2024 Mar-Apr;34(2):207. doi: 10.4103/ijn.ijn\_167\_23.
3. Bali HK, Sidhu NS. Left Atrial Failure: The Role of SGLT2is, ARNI, Bisoprolol, and MRAs. In: Chopra HK, Nanda NC, Narula J, Wander GS, Manjunath CN, Chandra P, et al, editors. Advances & Revolutions in Heart Failure (ARHF)- A Textbook of Cardiology. New Delhi: Jaypee Brothers Medical Publishers (P) Ltd; 2024. p. 418-23.

## Awards, Honors and Significant Achievements

### Dr Navdeep Singh Sidhu:

1. Was conferred honorary fellowship of Asian Pacific Society of Interventional Cardiology (FAPSIC) in Sept 2023.
2. Was conferred an honorary fellowship of Indian College of Cardiology (FICC) in Oct 2023.
3. Successfully completed Certified Cardiovascular Knowledge Examination (CCKE) conducted by American College of Cardiology (ACC) in Dec 2023.
4. Participation as an Invited National Faculty in CSI-NIC Conference July 2023
5. Participation as an Invited National Faculty in INDIA-LIVE Conference Feb 2024
6. Participation as a delegate in various conferences and webinars: American College of Cardiology annual conference (Online, April 2024), Euro-PCR (Online, May 2023)
7. Successfully completed the online courses under the National Programme for Civil Services Capacity Building (NPCSCB) - "Mission Karmayogi"

## Community Service

- Dr Navdeep Singh Sidhu gave an educational interview to 'Amar Ujala' newspaper about heart diseases and their prevention (Published 19 Jan 2024).
- Dr Navdeep Singh Sidhu gave an educational interview to 'Punjab Kesari' newspaper about hypertension and heart problems, on the occasion of World Hypertension Day (Published 17 May 2024).

## DEPARTMENT OF CARDIOTHORACIC SURGERY

### Faculty

| S. No. | Name                       | Designation         | Date of Joining |
|--------|----------------------------|---------------------|-----------------|
| 1.     | Dr Vikas Kumar             | Associate Professor | 04.10.2022      |
| 2.     | Dr Lakshmi Kumari Sankhyan | Assistant Professor | 09.11.2020      |

### About the Department

The department has been providing OPD services to patients with cardiothoracic and vascular ailments. The equipment and instruments are being procured for making the operation theatre and inpatient services functional at the earliest. The recruitment of perfusionists is under process. The departmental plan is to start the elective surgeries and emergency services for adult cardiothoracic and vascular diseases once the

instruments and equipment are procured. Nursing officers were sent for training in CTVS ICU and CTVS OT at PGIMER, Chandigarh for a duration of 3 months. Once the perfusionists and OT technicians are recruited, they will be sent for training. The department has been involved in integrated teaching program for undergraduate covering relevant topics in anatomy and surgery.

### Publications

1. Chowdhury UK, Anderson RH, Pandey NN, Mishra S, **Sankhyan LK**, George N, Khan MA, and Goja S (2023). The so-called “one-and-a-half” ventricular repair: where are we after 40 years? Cardiology in the Young, page 1 of 9. doi: 10.1017/S1047951123001646

### Chapter(s) in Book

| S. No | Author(s)                                    | Title of the book                                       | Publication details (Edition, Year, Publisher)                                                                                                         |
|-------|----------------------------------------------|---------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.    | Ujjwal K. Chowdhury, Lakshmi Kumari Sankhyan | Surgical Treatment of Chronic Constrictive Pericarditis | 1 <sup>st</sup> edition, 2023, Springer Singapore<br><a href="https://doi.org/10.1007/978-981-99-5808-5">https://doi.org/10.1007/978-981-99-5808-5</a> |

## DEPARTMENT OF COMMUNITY & FAMILY MEDICINE

### Faculty

| S. No. | Name                        | Designation          | Date of Joining |
|--------|-----------------------------|----------------------|-----------------|
| 1.     | Dr. Anupam Parashar         | Professor & Head     | 14.06.2022      |
| 2.     | Dr. Meenal Madhukar Thakare | Additional Professor | 16.11.2020      |
| 3.     | Dr. Navpreet                | Assistant Professor  | 05.12.2020      |
| 4.     | Dr. Anupama Dhiman          | Assistant Professor  | 05.12.2020      |
| 5.     | Dr. Nikita Sharma           | Assistant Professor  | 13.06.2022      |

### About the Department

The Department of Community and Family Medicine is one of the departments to be functional during the inception of the All India Institute of Medical Sciences, Bilaspur, Himachal Pradesh. Under the guidance of Prof (Dr) Vir Singh Negi, Executive Director, the department envisions responding to the evolving national public health needs in keeping with global standards of teaching, research, and service by creating a professional workforce to translate knowledge to action and thereby improve the health of the communities. The department presently has five faculty members, two senior residents, three postgraduate students, two non-academic junior residents, two nursing officers, one lab technician, two lab attendants, one lower division clerk, and one sanitary attendant.

Through teaching and training to undergraduate students, the department aims to provide excellence in medical education, research, training, and production of community-oriented, patient-centered, compassionate, high-quality medical professionals. For community engagement activities, students are given first-hand exposure to public health institutions like Sub Health Centre, Health & Wellness Centre, Primary Health Centre, Civil Hospital, and health related institutes of public health importance, e.g., Milk Plant, Water treatment plant, Sewage treatment plant, Old age home, Child care institution, Rehabilitation Centre for specially-abled in district Bilaspur. As a part of Family Adoption Programme, families are being

identified and allotted to MBBS students in Block Markand of district Bilaspur (H.P.).

The Department of Community & Family Medicine has also started M.D. Community Medicine at AIIMS Bilaspur from July 2023 with an intake of three students per year. Three postgraduate students are pursuing M.D. Community Medicine at present.

Centre for Rural Health/Civil Hospital Markand and Urban Health Training Centre/ Health & Wellness Centre Raura under the department are being utilized to provide teaching and training to undergraduate and postgraduate students.

The department has started providing Electives Training to MBBS students. This year Electives training was provided on 'Fundamentals of Research Methodology' and 'Community Outreach for National Health Program (National TB Elimination Program)'

Immunization Clinic under the department is providing Routine immunization of Under-five children in OPD Block of AIIMS Bilaspur. In addition to routine immunization, optional vaccines for adult vaccination are also being done. Vaccine preventable diseases surveillance (AFP, Fever with Rash, Diphtheria, Pertussis, Neonatal Tetanus, AEFI) is being done by the department at AIIMS Bilaspur.

The information, education, and communication activities are being carried out in the community through observation of health days, e.g., World Breastfeeding Week, World Health Day, World Population Day, World TB Day, World AIDS Day etc., to sensitize the people about important

health-related issues. The department participated actively at 21 Gram panchayats during ‘Viksit Bharat Sankalp Yatra’, November – December 2023, and ‘Ayushman Bhav’ in district Bilaspur. The department collaborates with the district, state, and national health authorities for the best functioning of national health programs like the National Tuberculosis Elimination Program, and Vaccine Preventable Disease Surveillance.

## Immediate future vision:

1. Establishment of an Epidemiological unit, Statistical unit, Medico-social work section, and Health education section in the department to facilitate research.
2. Recruitment of faculty members, senior residents, public health nurses, medical

social workers, and health educators to expand teaching and training activities in the community under Family adoption program, and to expand community services.

3. Screening for non-communicable diseases, communicable diseases, and nutritional deficiency diseases in the community with the help of portable/handheld/point of care equipment and rapid diagnostic kits.
4. Establishing patient care services and community services at Centre for Rural Health and Urban Health Training Centre.
5. Expansion of lab services in the department as a step toward state-of-the-art reference Public health laboratory.

## CMEs/Workshop/Symposia/National & International Conferences Organised

1. Protocol Writing Workshop for Postgraduate students, AIIMS Bilaspur, on 08.09.2023.
2. Workshop on Grant Writing & Research Methodology, AIIMS Bilaspur, Nov 3-4, 2023.
3. National Organising Committee (Scientific Committee) for 68<sup>th</sup> Annual National Conference of Indian Public Health Association (IPHACON2024), Manali (H.P.), Mar 15-17, 2024.
4. Organising Committee Member for 2<sup>nd</sup> Faculty Workshop on Medical Education Technologies from 16<sup>th</sup> to 18<sup>th</sup> 2023 at AIIMS Bilaspur.
5. National level workshop organized as convener titled “Gender Issues- An Elephant in the Room” during the IAPSM National Young Leaders’ Conclave 03.11.2023.
6. National-level workshop titled “Street Theatre” during the Annual National Conference of Indian Association of Preventive and Social Medicine in Mangalore, Karnataka on 07.02.2024.
7. State-level workshop on “Mainstreaming of Millets: Need of Hour” conducted as convener on 26.09.2023 in AIIMS, Bilaspur.
8. “National Consultation to Reimagine Immunization and Family Adoption Programme in Medical Colleges” organized on the ECHO platform with the Indian Association of Preventive and Social Medicine

## Lectures Delivered/Papers or Posters Presented at CMEs /National & International Conferences

| S. No. | Name of the faculty | Title of Lecture/ Paper/ Poster                                              | CME/ Conference                                                | Date                                          | Organizer & Venue                                             |
|--------|---------------------|------------------------------------------------------------------------------|----------------------------------------------------------------|-----------------------------------------------|---------------------------------------------------------------|
| 1.     | Dr. Anupam Parashar | 1. Human Papilloma Virus Vaccination Program: Global and Indian Perspectives | Annual National Conference of Indian Public Health Association | 7 <sup>th</sup> to 9 <sup>th</sup> April 2023 | Indian Public Health Association West Bengal Chapter, Kolkata |

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|     |                      |                                                                                                                       |                                                                                            |                      |                                                                  |
|-----|----------------------|-----------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|----------------------|------------------------------------------------------------------|
| 2.  | Dr. Anupam Parashar  | Online UG/PG Teaching Platforms                                                                                       | 4th IAPSM Young Leaders' National Conclave 2023                                            | 5th November 2023    | Dayanand Medical College Ludhiana                                |
| 3.  | Dr. Anupam Parashar  | Community Engagement through FAP- missing piece to achieve the UHC                                                    | HP Chapter of Indian Association of Preventive and Social medicine                         | November 18-19, 2023 | RKGMC, Hamirpur (HP)                                             |
| 4.  | Dr. Anupam Parashar  | Burden of Cervical Cancer in India                                                                                    | 68 <sup>th</sup> Annual National Conference of Indian Public Health Association            | 15-17 March 2024     | IGMC Shimla at Manali, (HP)                                      |
| 5.  | Dr. Anupam Parashar  | Overview of Maternal death Review                                                                                     | Departments of OBG and CFM AIIMS Bilaspur                                                  | 11 August, 2023      | AIIMS Bilaspur                                                   |
| 6.  | Dr. Anupam Parashar  | Programmatic Precision: Balancing Efficiency and Patient-Centered Care in NCD Management                              | Regional summit on NCDs in collaboration with ECHO India (Moderator)                       | 4, Sept, 2023        | AIIMS Bilaspur                                                   |
| 7.  | Dr. Anupam Parashar  | Evidence based nutrition in healthcare                                                                                | CME (panelist)                                                                             | 23 August, 2023      | Physiology Department, AIIMS Bilaspur                            |
| 8.  | Dr. Meenal M Thakare | Air Pollution and Health in India- Actions for moving forward on Science, Policy, Programme and Community Engagement. | National Consultation By Collaborative for Air Pollution and Health Effects Research-India | 17.11.2023           | CAPHER India, AIIMS, New Delhi in collaboration with IIT, Delhi. |
| 9.  | Dr. Meenal M Thakare | IAPSM Official Updates                                                                                                | E Connect, YouTube channel                                                                 | 08.12.2023           | Indian Association of Preventive and Social Medicine             |
| 10. | Dr. Meenal M Thakare | A cross-sectional study on menstrual hygiene practices in adolescent school-going girls of Bilaspur (HP).             | 4 <sup>th</sup> Annual National Conference of Epidemiology Foundation of India             | 01.10.2023           | Epidemiology Foundation of India, Goa Medical College, Goa.      |
| 11. | Dr. Meenal M Thakare | Medical care and research in Tribal Health: Challenges and opportunities                                              | Round Table Conference on Tribal Health                                                    | 07.10.2023           | Government Medical College (GMC) Srinagar                        |

|     |                    |                                                                                                                  |                                                                                                     |                                                    |                                     |
|-----|--------------------|------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|----------------------------------------------------|-------------------------------------|
| 12. | Dr. Anupama Dhiman | Small Group Teaching Session                                                                                     | 2 <sup>nd</sup> Faculty Workshop on Basic Medical Education Technologies                            | 16 <sup>th</sup> to 18 <sup>th</sup> Oct 2023      | MEU, AIIMS Bilaspur                 |
| 13. | Dr. Nikita Sharma  | COVID-19 vaccination status and willingness for booster dose among staff and students of tertiary care institute | 51 <sup>st</sup> Annual National Conference of Indian Association of Preventive and Social Medicine | 8 <sup>th</sup> to 10 <sup>th</sup> February, 2024 | Kasturba Medical College, Mangalore |

## Research

| S. No. | Title of the Project                                                                                                                                                                         | Name (Role)                                                              | Extramural/ Intramural/ Self funded | Duration (Yrs) | Status (Ongoing / Completed) | Total funds sanctioned (Rs.)                         |
|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|-------------------------------------|----------------|------------------------------|------------------------------------------------------|
| 1.     | Pesticide exposure and chronic kidney disease of undetermined etiology (CKDu) among people living on agriculture in the State of Himachal Pradesh"                                           | PI: Dr. Anupam Parashar<br>Co-I: Dr. Anupama Dhiman                      | Extramural                          | 2Yrs           | Ongoing                      | 5,60,000/-                                           |
| 2.     | Assessment of work performance of ASHA in population-based screening of Non-Communicable Diseases (NCDs)- A multi-site study                                                                 | PI: Dr. Meenal M Thakare<br>(For Himachal Pradesh in Multicentric Study) | Extramural (Collaborative)          | 2Yrs           | Completed                    | 15,38,000/-<br>(No funds received at AIIMS Bilaspur) |
| 3.     | Assessment of Association of Lifestyle-related disease biomarkers with automatic and cognitive functions in different age group natives of Spiti valley of Himachal Pradesh: a comprehensive | Co-I: Dr. Meenal M Thakare                                               | Extramural                          | 2Yrs           | Ongoing                      | 25,00,000/-                                          |

|    |                                                                                                                                                                        |                                        |                                     |           |           |                                                   |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|-------------------------------------|-----------|-----------|---------------------------------------------------|
|    | observational cross-sectional study.                                                                                                                                   |                                        |                                     |           |           |                                                   |
| 4. | Analysis and Compilation of Nationwide Best Practices in Community Medicine                                                                                            | Dr. Meenal M Thakare (Chairperson)     | Extramural (Task assigned by IAPSM) | 1Yr       | Completed | 20,000/-<br>(No funds received at AIIMS Bilaspur) |
| 5. | Impact assessment of IEC intervention on knowledge, attitude and practice of community pharmacists / chemists regarding skin dermatophyte infection in Northern India. | Co-I: Dr. Navpreet, Dr. Anupama Dhiman | Extramural                          | 2Yrs      | Ongoing   | 3,17,000/-                                        |
| 6. | Study of neurophysiological and biochemical parameters in hypothyroid patients of hilly regions of Himachal Pradesh.                                                   | Co-I: Dr. Navpreet                     | Extramural                          | 3Yrs      | Ongoing   | 19,64,880/-                                       |
| 7. | Pulse oximetry screening to detect critical congenital heart disease in neonates of Bilaspur, Himachal Pradesh - A cross-sectional study.                              | Co-I: Dr. Navpreet                     | Extramural                          | 16 Months | Ongoing   | 5,37,300/-                                        |
| 8. | To know the Prevalence and risk factors of Postpartum psychiatric illness in a Bilaspur District of Himachal Pradesh: A community-                                     | Co-I: Dr. Anupama Dhiman               | Extramural                          | 09 Months | Completed | 5,19,120/-                                        |

|  |                             |  |  |  |  |  |
|--|-----------------------------|--|--|--|--|--|
|  | based cross-sectional study |  |  |  |  |  |
|--|-----------------------------|--|--|--|--|--|

## Publications

1. Parashar A, Priyanka, Sarkar M, Gupta AK. Burden of Chronic Obstructive Pulmonary Disease and its Determinants among Patients Reporting to a Primary Health Facility in North India. Indian J Chest Dis Allied Sci 2023;65(3):128-133.
2. Kaushal K, Parashar A, Dhadwal DS, Jaswal VMS, Jaret P, Mazta SR. Awareness and Knowledge of Diabetes among Adult Population of Shimla Using CURES-9 Questionnaire as a Part of MDRF IDRS Risk Score Validation. Education in the Health Professions 2023; 6(1): 27-33. DOI: 10.4103/EHP.EHP\_24\_22
3. Karol S, Thakare MM. Strengthening immunisation services in India through digital transformation from Co-WIN to U-WIN: A review. Prev Med Res Rev 2024; 1:25-8.
4. Thakare M, Karol S. NMC's Family Adoption Programme: A Boon 2023;1:31-33.
5. Goel NK, Singh GP, Thakare MM, Walia DK, Sharma D. Epidemiological survey to identify depressive symptoms in school-going rural adolescents of Chandigarh, India. J Mental Health Hum Behav 2023;28:59-64.
6. Goel K, Singh G, Arora Y, Goel P, Aggarwal AK, Sen A, Kumar K, Bhogal RPS, Thakur JS, Singh A, Sharma N. Psychological distress and related factors regarding COVID-19 among the ancillary hospital staff: A cross-sectional study. J Fam Med Prim Care 2023;12:694.
7. Verma M, Rana K, Bhatt G, Sharma N, Lal P. Trends and determinants of tobacco use initiation in India: analysis of two rounds of the Global Adult Tobacco Survey. BMJ Open 2023;13:e074389.
8. Mittal N, Goel P, Goel K, Sharma R, Nath B, Singh S, Thangaraju P, Mittal R, Kahkasha K, Mitra P, Sahu R, Priyadarshini RP, Sharma N, Pala S, Rohilla SK, Kaushal J, Padhi BK, Barboza JJ. Awareness Regarding Antimicrobial Resistance and Antibiotic Prescribing Behavior among Physicians: Results from a Nationwide Cross-Sectional Survey in India. Antibiotics 2023;12:1496.

## Chapter(s) in Book

| S. No. | Author(s)                                 | Chapter                       | Name of the Editor                     | Title of the Book                       | Publication Details (Edition, Year, Publisher)                                            |
|--------|-------------------------------------------|-------------------------------|----------------------------------------|-----------------------------------------|-------------------------------------------------------------------------------------------|
| 1.     | Anmol Gupta, Anupam Parashar, D S Dhadwal | Concept of Health and Disease | A M Kadri                              | IAPSM's textbook of Community Medicine  | Edition 3, Year 2024 Jaypee Publishers                                                    |
| 2.     | IAPSM Best Practices Committee            | Associate Editor              | Dr. Meenal M Thakare, Associate Editor | IAPSM Best Practices Compendium 2023-24 | Edition 1, year 2023-24, Publisher- Indian Association of Preventive and Social Medicine. |

## Awards, Honors and Significant Achievements

### Dr Anupam Parashar

1. Dough Altman Scholarship 2023 by Centre for Statistics in Medicine, Oxford University United Kingdom

2. Dr N K Vaidya Orator for the year 2023 - Himachal Chapter of Indian Association of Preventive and Social Medicine
3. Course on Research Methods in Health Promotion (NPTEL online Certification)- Topped the course
4. Supervisor for Summer Internship at AIIMS Bilaspur of an MPH student from Rollins School of Public Health Emory University USA
5. Governing Council Member of National body of Indian Association of Preventive and Social Medicine (2023-24)

## **Dr Meenal M Thakare**

1. Best Paper award for oral research paper presentation “A cross-sectional study on menstrual hygiene practices in adolescent school-going girls of Bilaspur, Himachal Pradesh.” during the 4th Annual National Conference of Epidemiology Foundation of India held in Goa Medical College, Goa on 01.10.2023.
2. First Prize in “Speech Competition on Hindi Diwas” in AIIMS, Bilaspur.
3. National Certificate of Appreciation award from the Indian Association of Preventive and Social Medicine Head office for the lead and contribution in “Analysis and Compilation of Nationwide Best Practices in Teaching and Field by Community Medicine Experts”.
4. First Prize in e Slogan Competition during the International Infection Prevention Week, AIIMS, Bilaspur. 21.10.2023.
5. National Certificate of Appreciation for active contribution in the field of epidemiology by the Epidemiology Foundation of India in October 2023.
6. Selected as faculty for 1-year Executive Post Graduate Diploma in Primary Healthcare Management, PGIMER, Chandigarh.
7. Managing editor, scientific Journal “Preventive Medicine: Research & Reviews” Published by Wolters Kluwer – Medknow.

## **Dr Navpreet:**

1. Completed successfully ‘eCourse in Systematic Review & Meta Analysis’ (eLearning) (Oct 2023 – Jan 2024), Indian Institute of Public Health, Gandhinagar, Public Health Foundation of India.
2. Co-guide for PG thesis (MD Community Medicine) session July 2023-2026
3. Actively participated during initiation of PG (Community Medicine) teaching and training at Centre for Rural Health, Markand, and Urban Health Training Centre, Roura.
4. Actively participated during internship by an intern from University of Emory, Atlanta, United States at AIIMS Bilaspur.
5. Member of District Verification Team for assessing ‘TB Mukht Panchayat’ claim in District Bilaspur.

## **Dr Anupama Dhiman:**

1. Completed successfully Online course authorized by Johns Hopkins University and offered through Coursera on:
  - a. Essential Epidemiologic Tools for Public Health Practice.
  - b. Data and Health Indicators in Public Health Practice
2. Actively participated during initiation of PG (Community Medicine) teaching and training at Centre for Rural Health, Markand, and Urban Health Training Centre, Roura.

## **Dr Nikita Sharma:**

1. Awarded Best Poster in the 51<sup>st</sup> Annual National Indian Association of Preventive and Social Medicine Conference (8-10 February 2024) held at Kasturba Medical College, Mangalore.
2. Completed the online Faculty Development Programme on ‘One Health’ by NPTEL.

## Community Service

### Dr Anupam Parashar

1. Awareness talk to the community on World Population Day 2023, dated 11.07.2023, at Anganwadi Centre, Nai Sarli, block Markand
2. Health awareness to the community during World Breastfeeding Week 2023 on 07.08.2023 at Gram Panchayat, Nauni, block Markand.
3. Health awareness among anganwadi workers and ASHAs during National Nutrition Week 2023 on 02.09.2023 at Civil Hospital, Markand.
4. Sensitization of sanitation staff of AIIMS Bilaspur regarding vector-borne diseases on 30.06.2023 at AIIMS Bilaspur.
5. Health awareness to the community on World TB Day 2024 dated 22.03.2024 at Gram Panchayat, Rajpura
6. Organized health camps under Viksit Bharat Sampark Yatra and various activities under the observation of days of public health importance for community awareness and participation/ involvement of undergraduate MBBS, BSc allied sciences students, and postgraduate students (MD Community Medicine) in community outreach activities.
7. Elective training of MBBS students in Community Outreach for the National Health Program (National TB Elimination Program)

### Dr Meenal M Thakare

1. Coordinator for Medical Camp with Ranjeet Bakshi Jankalyan Foundation on 30.11.2023 in Nurpur, Himachal Pradesh.
2. Sensitization session on “Menstrual Hygiene” for students of DAV school on 30.05.2023.
3. Coordinator for Medical Camp by Chetana Sansthan on 26-27 May 2023.
4. Programme coordinator, World Schizophrenia Day 24.05.2023 in collaboration with Composite Regional Center, Sundarnagar.
5. Health Check-up Camp for lactating mothers during the World Breastfeeding Week 2023, Roura Sector, Bilaspur.
6. Observation of various activities on World Obesity Day 2024 in AIIMS, Bilaspur and DAV school.
7. Seva Pakhwada activities 2024 under the AB-PMJAY in various Anganwadi centers in Bilaspur.

### Dr Navpreet

1. Created awareness among sanitation staff of AIIMS Bilaspur about ways to prevent vector-borne diseases by nukkad natak presented by MBBS students on 30.06.2023 at AIIMS Bilaspur.
2. Actively participated in providing health awareness to community on World Population Day 2023 dated 11.07.2023 at anganwadi centre, Nai sarli, block Markand.
3. Actively participated in providing health awareness to community during World Breastfeeding Week 2023 on 07.08.2023 at Gram Panchayat, Nauni, block Markand.
4. Actively participated in providing health awareness among anganwadi workers and ASHAs during National Nutrition Week 2023 on 02.09.2023 at Civil Hospital, Markand.
5. Conducted health checkup camp on International Day for Older Persons under Ayushman Bhav campaign on 30.09.2023 at Apna Ghar, Old Age Home, Deoli, block Markand.
6. Created awareness among students and staff on World Mental Health Day 2023 dated 10.10.2023 at DIET, Jukhala, block Markand.
7. Active participation in organizing rally, quiz competition and Nukkar Natak involving MBBS students on World AIDS Day dated 01.12.2023 at Govt. Sr. Sec. School, Kothipura, Bilaspur.

8. Actively participated in providing health awareness to community on World TB Day 2024 dated 22.03.2024 at Gram Panchayat, Rajpura,
9. Active participation during 'Viksit Bharat Sankalp Yatra' at various gram panchayats in district Bilaspur (November – December 2023) where screening for hypertension and diabetes was done, followed by prescription and counselling on prevention and control of non-communicable disease (NCDs). Health-related complaints from people of different ages were also addressed.. The people were also made aware of benefits under Ayushman Bharat - Pradhan Mantri Jan Aarogya Yojna.
10. Sensitization of students from various schools who visited AIIMS Bilaspur as a part of STEM (Science, Technology, Engineering, and Mathematics).
11. During field visits by MBBS students under family adoption program, provided health education and counseling regarding preventive and promotive health to the family members residing in villages Rajpura, Kothipura, Nai sarali, Mandi Bharai, Block Markand, Bilaspur.
12. Provided health education and counseling regarding preventive and promotive health during visit to Child are Institution, Institute for specially abled person and Old age home in Block Ghumarwin and Markand, Bilaspur.

## **Dr Anupama Dhiman**

1. Created awareness among sanitation staff of AIIMS Bilaspur about ways to prevent vector-borne diseases by nukkad natak presented by MBBS students.
2. Actively participated in providing health awareness to community on World Population Day 2023 and conducted debate among MBBS students.
3. Actively participated in providing health awareness to community during World Breastfeeding Week 2023.
4. Actively participated in providing health awareness among Anganwadi workers and ASHAs during National Nutrition Week 2023.
5. Conducted health checkup camp On International Day for Older Persons under Ayushmann Bhav campaign.
6. Active participation in organizing rally, quiz competition and Nukkar Natak involving MBBS students on World AIDS Day.
7. Created awareness among school students and in community on Cervical cancer.
8. Coordinated with State authorities in conduction of Pulse Polio National Immunization Round in March 2024.
9. During Nalwar fair in March 2024, non-communicable disease screening for hypertension and diabetes was done, followed by counselling on prevention and control of NCDs. The anthropometry, haemoglobin estimation, and bone density scan were also done.
10. Actively participated in providing health awareness to community on World TB Day 2023
11. During Viksit Bharat Sankalp Yatra at various gram panchayats in district Bilaspur (November – December 2023), non-communicable disease screening for hypertension and diabetes was done, followed by prescription and counselling on prevention and control of NCDs. The medicines were arranged by NGO at the venue. Health-related complaints from people of different ages were also addressed. Those who were diagnosed for the first time with NCDs at the camp were motivated to visit AIIMS Bilaspur for further management. The people were also made aware of benefits under Ayushman Bharat - Pradhan Mantri Jan Aarogya Yojna.
12. Sensitization of students from various schools who visited AIIMS Bilaspur as a part of STEM.
13. Provide health education and counselling regarding preventive and promotive health to the family members in the community during field visits by MBBS students.

14. Provide health education and counselling regarding preventive and promotive health during visit to Child are Institution, Institute for especially abled person and Old age home in district Bilaspur.

**Dr Nikita Sharma:**

1. Delivered lecture to Anganwadi workers on safe breastfeeding practices on the occasion of World Breastfeeding week (1-7 August, 2023) at Anganwadi centre, Mandi Manwa.
2. Delivered lecture to Anganwadi workers on the importance of nutritious diet on the occasion of National Nutrition Week (1-7 September, 2023) at RHTC, Markand.
3. Organized and conducted various health camps in the district Bilaspur under the Viksit Bharat Sankalp Yatra during November 2023 – January 2024.
4. Conducted a Health quiz for MBBS students on the occasion of World AIDS Day 2023.
5. Participated in the Walkathon organized on World Obesity Day in March 2024.
6. Conducted a Health quiz for MBBS students on the occasion of World TB Day 2024.
7. Organized and participated in the celebration of various Public Health Days with active engagement of the community.



## DEPARTMENT OF CLINICAL IMMUNOLOGY & RHEUMATOLOGY

### Faculty

| S. No. | Name                   | Designation         | Date of Joining |
|--------|------------------------|---------------------|-----------------|
| 1      | Dr. Vir Singh Negi     | Professor & Head    | 15.05.2021      |
| 2      | Dr. Yogesh Preet Singh | Assistant Professor | 28.03.2024      |
| 3      | Dr. Devender Bairwa    | Assistant Professor | 17.06.2022      |
| 4      | Dr. Ravi Kumar Sharma  | Assistant Professor | 13.03.2024      |

### About the Department

The department of Clinical Immunology and Rheumatology got officially approved on 8<sup>th</sup> November 2023, but it was incepted way earlier when Prof. V S Negi joined the institute as the executive director on 15<sup>th</sup> May 2021. Later-on, Dr. Devender Bairwa joined the medicine department and started providing rheumatology services. At the inception of medicine in-patient services, ten beds were given to rheumatology. A separate dedicated rheumatology OPD service was started in January 2023. On 8<sup>th</sup> November 2023 the separate department got approved with first faculty joining on 23<sup>rd</sup> December. The department also got distinct lab services in the form of Endocrinology and Clinical Immunology & Rheumatology Lab (ECR) services since 13<sup>th</sup> March 2024.

**Vision:** To Provide comprehensive care to the patients suffering from autoimmune inflammatory and rheumatic diseases (AIIRD)

**Mission:** To establish reference site for the standard of care for the diagnosis, research and management of patients suffering from the autoimmune inflammatory and rheumatic diseases (AIIRD)

**Patient Care Services:** A separate 15 bedded ward provides in-patient care. Biological drugs, cytotoxic and immunosuppressive therapy, intraarticular injections. Lip, skin, nerve and muscle biopsy are the exclusive services available. The ECR lab is providing in house ANA testing along with ENA blot, HLA B 27, RF, ACPA soon to be started. The department has established the disease prevalence cohorts

with more than 2000 patients already enrolled. OPD services are available on Monday, Wednesday, and Friday with an average follow-up of 60-80 patients. Inter-departmental consultations are provided for the undiagnosed and probable autoimmune disease cases.

**Academic Courses:** The department is involved in teaching programs of MBBS undergraduates, paramedics undergraduates, medicine postgraduate students. Moreover, the post-doctoral DM course in Clinical Immunology & Rheumatology got approved on 23<sup>rd</sup> October 2023 and the first session shall be commencing from 1<sup>st</sup> of July 2024.

### Future-Plans:

- Clinical services to be expanded in terms of providing day care services for the biological infusions and cytotoxic drug administration.
- A student exchange program for the DM academic student to enhance the learning to be initiated between AIIMS Bilaspur and other institutes of national importance.
- Arthritis screening camps to be organized for the districts of Bilaspur, Hamirpur, Kullu, Mandi, Ropar, and Una.
- Establishing state level rheumatology society.
- To conduct – community lectures, CMEs, media articles and TV interviews for raising patient awareness.
- To establish biobank for autoimmune diseases, national and international collaboration for multicentric studies.

- To start PhD program in immunology, PhD exchange programs, M.Sc. intern projects
- Development of cell therapies, site for drug trials and preclinical studies.
- To start immunological tests like – ELISA, PCR, nephelometry, Flow cytometry, hypersensitivity assays, gene sequencing, cell-based assay and proteomics.

## Lectures Delivered/Papers or Posters Presented at CMEs /National & International Conferences

| S. No. | Name of the faculty | Title of Lecture/ Paper/ Poster                              | CME/ Conference                                                              | Date                     | Organizer & Venue                                |
|--------|---------------------|--------------------------------------------------------------|------------------------------------------------------------------------------|--------------------------|--------------------------------------------------|
| 1      | Dr Devender Bairwa  | Hyperuricemia: When and when not to treat                    | Himalaya Rheumatology Conclave at Dharmshala (State Level Rheumatology Meet) | 01.07.2023               | IMA Dharamshala at Dharamshala, Himachal Pradesh |
| 2      | Dr Devender Bairwa  | Crystal Arthropathies: Clinical clues and treatment planning | Rheumatology Update 2023                                                     | 04.11.2023               | AIMS Mohali Punjab                               |
| 3      | Dr Devender Bairwa  | Chairperson: csDMARDs in management of JIA                   | National Conference for Pediatric Rheumatology 2023                          | 05.11.2023               | Kangra, Himachal Pradesh                         |
| 4      | Dr Devender Bairwa  | Judge for the poster session                                 | IRACON 2023                                                                  | 23.11.2023 to 26.11.2024 | Hyderabad, Telangana, India                      |
| 5      | Dr Devender Bairwa  | Resource person for the APLA workshop                        | World Rheumatology Forum Masterclass                                         | 16.03.2024 to 17.03.2024 | Chennai, Tamil Nadu, India                       |

## Publications

- Philip SS, Janardana R, Shenoy P, Kavadiachanda C, **Bairwa D**, Sircar G, Ghosh P, Wakhlu A, Selvam S, Khanna D, Shobha V. Exploratory clinical subgroup clustering in systemic sclerosis: Results from the Indian Progressive Systemic Sclerosis Registry. J Scleroderma Relat Disord. 2024 Feb;9(1):29-37. doi: 10.1177/23971983231215470. Epub 2023 Dec 14. PMID: 38333526; PMCID: PMC10848923.
- Gopal A, Kavadiachanda C, Gayathri MS, Gorijavolu M, **Bairwa D**, Mariaselvam CM, Srinivas BH, Thabab MM, Negi VS. Kidney histopathology in predicting flares following drug withdrawal in proliferative lupus nephritis in clinical remission. Rheumatol Int. 2023 Nov 21. doi: 10.1007/s00296-023-05497-x. Epub ahead of print. PMID: 37987842.
- Gorijavolu M, **Bairwa D**, Ganapathy S, Dunga S, Gopal A, Ananthakrishnan R, Thabab MM, Negi VS, Kavadiachanda CG. Semi-quantitative thigh magnetic resonance imaging scores in assessing disease activity and determining long-term clinical outcome in idiopathic inflammatory myopathies: a causal mediation analysis. Rheumatology (Oxford). 2023 Apr 20:kead174.doi: 10.1093/rheumatology/kead174. Epub ahead of print. PMID: 37079733

4. Gopal A, Kavadichanda C, **Bairwa D**, Shah S, Mehra S, Srinivas BH, Mariaselvam CM, Thabab MM, Negi VS. Performance of Clinical and Biochemical Parameters in Identifying Renal Histopathology and Predictors of One-Year Renal Outcome in Lupus Nephritis-A Single Centre Study from India. *Diagnostics (Basel)*. 2022 Dec 14;12(12):3163.doi: 10.3390/diagnostics12123163.PMID: 36553169; PMCID: PMC9777017.
5. Role of FNAC in tophaceous Gout: Sushma Bharti, Renu Singh, **Devender Bairwa**, Manupriya Sharma (Case Report Accepted)

## Awards, Honors and Significant Achievements

### Dr Devender Bairwa

1. Lifetime Membership- The Emergency Medicine Association (LM-3550): 27.04.2023
2. Lifetime Membership- The Telemedicine Society of India (LM-1019): 27.07.2023
3. Lifetime Membership- National Academy of Medical Sciences (FAMS): 12.10.2023

## Community Service

### Dr Devender Bairwa

1. World lupus awareness day: An introductory session for the Lupus patients was organized (10.05.2023) at LT-5 AIIMS Bilaspur Himachal Pradesh.
2. World Hypertension Day: screening of Police personnels (17.05.2023) at Police lines Bilaspur Himachal Pradesh.
3. TV Interview: Half an hour interview on Arthritis common queries and myths (17.07.2023) at DD NEWS HIMACHAL (aired on).
4. Root Care Foundation interview on arthritis: A live session on arthritis on Facebook (12.08.2023) at Facebook.
5. Organ donation awareness community outreach program: Nukkad Natak on organ donation (28.09.2023) at OPD Block, AIIMS Bilaspur.
6. World Heart Day: Nukkad Natak on heart disease (29.09.2023) at OPD Block, AIIMS Bilaspur.
7. World arthritis awareness day: Arthritis awareness show organized by undergraduates (12.10.2023) at OPD Block, AIIMS Bilaspur.
8. Newspaper article on arthritis: arthritis myths and misbelief (14.01.2024) at Auditorium AIIMS Bilaspur.
9. World kidney day: Nukkad Natak on kidney disease by undergraduates (15.03.2024) at Amar Ujala Newspaper.

## DEPARTMENT OF DENTISTRY

### Faculty

| S. No. | Name                   | Designation         | Date of Joining |
|--------|------------------------|---------------------|-----------------|
| 1.     | Dr. Dinesh Kumar Verma | Professor and Head  | 16.11.2020      |
| 2.     | Dr. Neelam Yadav       | Assistant Professor | 20.03.2024      |

### About the Department

Department of Dentistry, AIIMS Bilaspur presently has a dedicated team of specialists in the field of Oral & Maxillofacial surgery and Orthodontics & Dentofacial orthopedic with residents dedicated for conservative and endodontics dentistry. Department of Dentistry aims at providing integrated and specialized dental care in the specialties of oral & maxillofacial surgery, Orthodontics & Dentofacial orthopedics and conservative & endodontics dentistry with state of art expertise & technologies. Department of Dentistry also provide dental treatment to specially abled and syndromic patients. The faculty is actively involved in the academic programme for MBBS students including both theory lectures and clinical exposure. Department of Dentistry has Dental Hygienist and Laboratory Technicians which help in the smooth running of the department and prosthetic work. Department has started radiologic diagnostic services with RVG, and is in the process of acquiring Cone Beam Computed Tomography machine which is a state of art diagnostic tool. Department of Dentistry is also actively involved in outreach programmes for the benefit of patients and general population. The faculty of department regularly contributes to various committee of the institute. This year, a 3 year Post Graduate program has been started in Oral and Maxillofacial Surgery. 24 x 7 emergency services are being provided for dental and maxillofacial trauma patients. Department is actively involved in tobacco cessation counselling and guidance. Department provide a wide range of dental and maxillofacial procedures like RCT, restoration, scaling, maxillofacial trauma treatment, maxillofacial

pathologies, orthognathic surgery, Temporomandibular joint disorder treatment, oral premalignant lesion treatment, oral cancer treatment, maxillofacial space infection treatment, orthodontic treatment, obturator appliance to cleft lip and palate patients.

**Vision:** The vision of the Department of Dentistry is to be one of the renowned centers of excellence for its oral health care management, teaching, innovation and research in India.

**Mission:** The Department of Dentistry operates with the following objectives to excel in the oral health care delivery

- Providing all necessary diagnostic services with state-of-the-art equipment.
- Providing efficient oral health care management for all patients.
- Promoting the oral health of infants, children, adolescents, and persons with special needs, through education.
- Promoting effective preventive measures to ensure a lifetime of oral health.
- Collaborating with other medical disciplines and organizations to develop policies and to increase access to oral health care for all people.
- Practicing evidence-based Dentistry in all specialties to deliver oral health care reliably.

**Patient Care Services:** OPD services available 6 days in a week from 9am to 1pm and 2pm to 5pm with 10 beds available in IPD block for dentistry department. Emergency services are available 24 x 7 for Dental and maxillofacial trauma patients.

**Academic Courses: MDS (PG) Training course:** 1<sup>st</sup> batch of post graduate started from Jan

session 2024 in oral and maxillofacial surgery specialties.

maxillofacial health care along with quality research and innovation.

**Future Plans:** To expand the horizon of the specialty and impart quality dental and

## Lectures Delivered/Papers or Posters Presented at CMEs /National & International Conferences

| S. No. | Name of the faculty    | Title of Lecture/ Paper/ Poster | CME/ Conference                                    | Date     | Organizer & Venue |
|--------|------------------------|---------------------------------|----------------------------------------------------|----------|-------------------|
| 1.     | Dr. Dinesh Kumar Verma | -                               | 47 <sup>th</sup> AOMSI annual national conference, | Nov 2023 | AOMSI             |

## Research

| S. No. | Title of the Project                                                                                                                                                                                                                                                        | Name (Role)            | Extramural/ Intramural/ Self funded | Duration (Yrs)    | Status (Ongoing/ Completed) | Total funds sanctioned (Rs.) |
|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-------------------------------------|-------------------|-----------------------------|------------------------------|
| 1.     | Assessment of oral health status and treatment needs amongst the tribals residing in north Indian state of Himachal Pradesh<br>No.2021-14167<br>No. 5/4/2-11/OH/2022-NCD-II<br>Dated 25/12/2022                                                                             | Dr. Dinesh Kumar Verma | ICMR                                | Dec 2022-Dec 2023 | Completed                   | 12,69,363/-                  |
| 2.     | Knowledge attitude and practices of Anganwadi workers and mothers regarding oral health status in 1-6 years children attending the Anganwadi centers near AIIMS Bilaspur, Himachal Pradesh: A pilot study<br>No-2021-14876<br>No.5/4/2-7/OH/2022-NCD-II<br>Dated 25/12/2022 | Dr. Dinesh Kumar Verma | ICMR                                | Dec 2022-Dec 2023 | Completed                   | 1,86,645/-                   |
| 3.     | To study the effectiveness of antibiotic impregnated POP                                                                                                                                                                                                                    | Dr. Sandeep Shah (PG)  | Thesis                              | July 2024         | To be start                 | Nil                          |

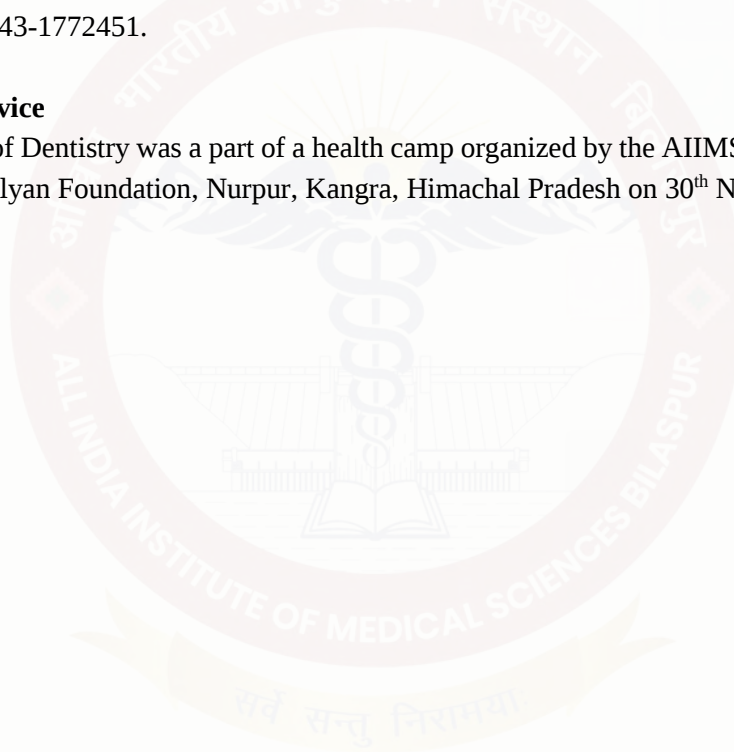
|                                                                                                                                 |                                |  |  |  |  |
|---------------------------------------------------------------------------------------------------------------------------------|--------------------------------|--|--|--|--|
| beads in preventing infections following surgical removal of impacted mandibular third molar- A Prospective observational study | Dr. Dinesh Kumar Verma (Guide) |  |  |  |  |
|---------------------------------------------------------------------------------------------------------------------------------|--------------------------------|--|--|--|--|

## Publications

1. Kumar, J., **Verma, D.K.**, Rai, A.J. *et al.* Comparison of Ondansetron and Palonosetron on Postoperative Nausea and Vomiting in Patients Undergoing Maxillofacial Surgery: A Prospective Randomized Double-Blind Clinical Trial. *J. Maxillofac. Oral Surg.* (2023). <https://doi.org/10.1007/s12663-023-02030-2>.
2. Kumar J, Lal B, Rai AJ, **Verma DK** et al. Customized Elastics Fabricated from Foley's Catheter for Traction in Maxillofacial Trauma. *Ann Natl Acad Med Sci* 2023; 59(03): 164-165 DOI: 10.1055/s-0043-1772451.

## Community Service

1. Department of Dentistry was a part of a health camp organized by the AIIMS BILASPUR at Ranjit Bakshi Jankalyan Foundation, Nurpur, Kangra, Himachal Pradesh on 30<sup>th</sup> Nov 2023.



## DEPARTMENT OF DERMATOLOGY

### Faculty

| S. No. | Name             | Designation         | Date of Joining |
|--------|------------------|---------------------|-----------------|
| 1.     | Dr Manju Daroach | Assistant Professor | 11.11.2020      |

### About the Department

Department of Dermatology is running with state-of-the-art facilities to provide quality patient care, teaching and medical research. Department has a dedicated team of specialists in field of Dermatology., Venereology and Leprosy, comprising of one assistant professor and three senior residents and three junior residents.

**Vision:** Department vision is to be a leader in dermatological care, research, and education, dedicated to advancing skin health through innovative treatments, cutting-edge research, and comprehensive education. We strive to provide compassionate, patient-centered care while fostering an environment of continuous learning and improvement to address the evolving needs of our community and beyond

**Mission:** Our mission is to improve skin health and overall well-being for our patients, educate the next generation of dermatologists, and contribute to the broader medical community.

**Patient Care Services:** Department is currently providing services of patient care through OPD consultations, in patient care and teleconsultations through e-sanjeevani portal. Various dermatology diagnostic procedures are being performed in the department including dermoscopy of skin, hair, nails with expert faculty in the field, patch test, skin biopsy, and histopathology slide review in collaboration from pathology faculty. A dermatology side lab has also been established to provide microbiological

investigations of skin, hair and nail including KOH mount, gram stain, acid fast bacilli, lepra stain, Giemsa stain, and wet mount to aid various diagnosis. Minor OT services are provided on a daily basis which includes electrocautery, electrofulguration, chemical cautery, chemical peels, excisional biopsies, ear lobe repair, lipoma excision, and other procedural dermatosurgeries. Department provides services of advanced dermatology care including PRP/GFC therapy, phototherapy, PRF dressings, Nail surgery and vitiligo surgery. Various clinics are running including pigmentary clinic, psoriasis clinic, eczema clinic, dermatosurgery clinic, and connective tissue disorders clinic.

**Academic Courses:** Department is dedicatedly involved in teaching of undergraduates taking lectures, seminars and clinical postings. Department is actively participating in integrated teaching activities for undergraduate training programme. Basic dermatosurgical procedures and lab procedures are also a part of UG curriculum. Department has also started post graduate courses with active academic sessions including seminars, journal club, case conference and grand rounds. Department is also involved in teaching Nursing students of college of Nursing.

**Future Plans:** Department is planning to start hair transplant services and state of art LASER services in near future.

### CMEs/Workshop/Symposia/National & International Conferences Organised

1. CME on Urticaria: A multidisciplinary approach on world urticaria day – 1<sup>st</sup> October 2023

## Lectures Delivered/Papers or Posters Presented at CMEs /National & International Conferences

| S. No. | Name of the faculty | Title of Lecture/ Paper/ Poster                                                                           | CME/ Conference                                                                                                             | Date                                             | Organizer & Venue                                                                        |
|--------|---------------------|-----------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|------------------------------------------------------------------------------------------|
| 1      | Dr Manju Daroach    | Recent Advances in Alopecia areata management                                                             | CME with Experts on Trichology and Hair Transplantation                                                                     | 23 <sup>rd</sup> July 2023                       | IADVLE-EC and SIG Trichology and HT with IADVLPunjab Chandigarh, HP, Novotel, Chandigarh |
| 2      | Dr Manju Daroach    | Latest update in management of Alopecia areata                                                            | CME with Experts on Excellence in Trichology                                                                                | 22 September 2023                                | IADVLSIG with IADVLPunjab SB, Hotel Sayaji, Rajkot, Gujrat                               |
| 3      | Dr Manju Daroach    | Urticaria: Dermatologist's perspective                                                                    | CME on world Urticaria Day. Urticaria: A multidisciplinary Approach                                                         | 1 <sup>st</sup> October 2023                     | Department of Dermatology, AIIMS Bilaspur                                                |
| 4      | Dr Manju Daroach    | Trichoscopy in clinical Trichology                                                                        | Cuticon Jammu                                                                                                               | 19 <sup>th</sup> December 2023                   | IADVLSIG with IADVLPunjab The grand Dream Resorts, Jammu                                 |
| 5      | Dr Manju Daroach    | Dermoscopy in Tattoo Sarcoidosis: Puzzling diagnostic observations                                        | Dermacon 2024 52 <sup>nd</sup> National conference of Indian Association of Dermatologists, Venereologists and Leprologists | 22 <sup>nd</sup> -25 <sup>th</sup> February 2024 | Dermacon 2024, HITEX Hyderabad                                                           |
| 6      | Dr Manju Daroach    | TH17 cell and T regulatory cell cytokine milieu in alopecia areata, A pre post treatment comparison study | Dermacon 2024 52 <sup>nd</sup> National conference of Indian Association of Dermatologists, Venereologists and Leprologists | 22 <sup>nd</sup> -25 <sup>th</sup> February 2024 | Dermacon 2024, HITEX Hyderabad                                                           |

## Research

| S. No. | Title of the Project | Name (Role) | Extramural/ Intramural/ Self funded | Duration (Yrs) | Status (Ongoing/ Completed) | Total funds sanctioned (Rs.) |
|--------|----------------------|-------------|-------------------------------------|----------------|-----------------------------|------------------------------|
|--------|----------------------|-------------|-------------------------------------|----------------|-----------------------------|------------------------------|

|    |                                                                                                                                |                         |             |      |         |             |
|----|--------------------------------------------------------------------------------------------------------------------------------|-------------------------|-------------|------|---------|-------------|
| 1. | A Clinical, Dermoscopic and Immunohistochemical study of Extrafacial Melasma in skin of color                                  | PI: Dr Manju Daroach    | Extramural  | 2Yrs | Ongoing | 98,000/-    |
| 2. | Impact Assessment of IEC intervention on KAP of community Pharmacists regarding skin dermatophyte infection in northern India  | PI: Dr Manju Daroach    | Extramural  | 2Yrs | Ongoing | 3,17,000 /- |
| 3. | Assessing the dermoscopic characteristics of non infectious granulomatous disorders and correlate with histopathology findings | Co-PI: Dr Manju Daroach | Self-funded | 2Yrs | Ongoing | -           |
| 4. | Nail fold dermoscopy in collagen vascular disorders in skin of color – A prospective cross sectional study                     | Co-PI: Dr Manju Daroach | Self-funded | 1Yr  | Ongoing | -           |
| 5. | A Kap model survey to assess the awareness regarding skin diseases in patients attending dermatology OPD                       | PI: Dr Manju Daroach    | Non funded  | 1Yr  | Ongoing | -           |

## Publication

1. Chauhan Payal, **Daroach M.** Enigma of an umbilical nodule. Indian Dermatol Online Journal 2023;14:576-7
2. Chauhan P, **Daroach M.** Dermoscopy of atrophoderma vermiculatum; Differentiation from its clinical look alike. Indian dermatology online journal 2023;14:748-9.
3. Dhiman A, Chauhan P, **Daroach M.** Cydnidae bug pigmentation mimicking dermatitis artefacta. IJDVL 2024 ; 90:136.
4. Avita D, **Manju D.** Lichen nitidus with koebnerization. Cosmoderma, June 2023;3:101.
5. Payal C, Dilip M, **Manju D,** Avita D, Enzo A, Kavana S. A rare case of localized cutaneous cryptococcus: dermoscopic evaluation at baseline and posttreatment in a patient of skin of color. International Journal of Dermatology, Jan 2024 Feb;3(2):e51-e54
6. Dhiman A, **Daroach M,** Chauhan P. Dermatopathology. Clin Exp Dermatol. 2024 Jan 18; 11ae 025.
7. Chauhan P, Dhiman A, **Daroach M.** Dermoscopy of nevoid hyperkeratosis of the nipple and/or areola in Fitzpatrick skin type IV. J Cutan Aesthetic Surg :10.4103/JCAS.JCAS\_175\_22.

8. **Manju Daroach**, Muthu Sendhil Kumaran. Uncommon presentation: Pubic lice infesting beard in a patient with neurodegenerative disorder. *Cosmoderma*: 2024;4;27
9. Payal Chauhan, Varun Bansal, **Manju Daroach**. Florid cutaneous neurofibromas in neurofibromatosis type 1: A classic presentation: *Cosmoderma*: 2024;4;31
10. Avita Dhiman, Payal Chauhan, **Manju Daroach**. Mysterious pigmented palmar spots in a young female. *Pigment international*;11(1):64-65
11. **Manju Daroach**, Payal Chauhan, Avita Dhiman. Dermoscopy of Solitary Cutaneous Focal Mucinosis. *Indian Dermatology Online Journal* 2024;15(2) :368-70
12. Dhiman A, Chauhan P, **Daroach M**. A rare follicular variant of pityriasis versicolor. *Cosmoderma* 2024;4;41.
13. Dhiman A, Chauhan P, **Daroach M**. Linear hyperpigmentation in a boy with vitiligo. *Pigment International* 2024.

## Awards, Honors and Significant Achievements

### Dr Manju Daroach

1. IADVL Scholarship to Attend Dermacon 2024 at HITEX Hyderabad
2. Executive member of Dermatopathology Society of India
3. Executive member of PDS (Pigmentary Disorders Society) Academy
4. Member of IADVL ( Indian Association of Dermatologists , Venereologists and Leprologists)-SIG( Special Interest Group) Trichology and Hair Transplant 2023-2025
5. Member of IADVL ( Indian Association of Dermatologists , Venereologists and Leprologists)-SIG(Special Interest Group) Dermoscopy 2024-2025
6. Assistant Editor – *Pigment International Journal*

## Community Service

### Dr Manju Daroach

1. Skin Heath camp at JNV Kothipura on National Community Dermatology Day. 26<sup>th</sup> August 2023
2. Patient awareness programme on World Psoriasis Day on 29<sup>th</sup> September 2023
3. Patient awareness programme on World Urticaria Day on 1<sup>st</sup> October 2023
4. Patient awareness programme on Anti Leprosy Day on 30<sup>th</sup> January 2024

## DEPARTMENT OF ENDOCRINOLOGY & METABOLISM

### Faculty

| S. No. | Name                   | Designation         | Date of Joining |
|--------|------------------------|---------------------|-----------------|
| 1.     | Dr. Preyander S Thakur | Associate Professor | 23.11.2020      |

### About the Department

The Department of Endocrinology & Metabolism currently is providing OPD services 3 days a week and IPD services. Various minor OT procedures/ daycare procedures/endocrine stimulation tests are also being performed. The

department is also involved in teaching undergraduate & postgraduate students.

DM Endocrinology programme has also been started in the department from January 2024.

### Lectures Delivered/Papers or Posters Presented at CMEs /National & International Conferences

| S. No. | Name of the faculty    | Title of Lecture/ Paper/ Poster | CME/ Conference                                      | Date       | Organizer & Venue |
|--------|------------------------|---------------------------------|------------------------------------------------------|------------|-------------------|
| 1.     | Dr. Preyander S Thakur | Hidden Hunger & Endocrinology   | South Asian Federation of Endocrinological Societies | 15.12.2023 | SAFES, Hyderabad  |

### Research

| S. No. | Title of the Project                                                                                                                 | Name (Role)                    | Extramural/ Intramural/ Self funded | Duration (Yrs) | Status (Ongoing/ Completed) | Total funds sanctioned (Rs.) |
|--------|--------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|-------------------------------------|----------------|-----------------------------|------------------------------|
| 1.     | A cross sectional study of neurophysiological and biochemical parameters in hypothyroid patients of hilly region of Himachal Pradesh | Co -PI: Dr. Preyander S Thakur | Extramural (ICMR)                   | 2023-2026      | Ongoing                     | 23,04,180/-                  |
| 2.     | Clinico-metabolic profile of PCOS in the Sub-Himalayan region of North India – A prospective study                                   | Co-PI: Dr. Preyander S Thakur  | Extramural (SBI [CSR])              | 2Yrs           | Ongoing                     | Approx 5 lakhs               |

## DEPARTMENT OF ENT (OTORHINOLARYNGOLOGY)

### Faculty

| S. No. | Name              | Designation                 | Date of Joining |
|--------|-------------------|-----------------------------|-----------------|
| 1.     | Dr. Sudesh Kumar  | Additional Professor & Head | 11.07.2023      |
| 2.     | Dr. Sumeet Angral | Associate Professor         | 23.03.2024      |
| 3.     | Dr. Neha Chauhan  | Assistant Professor         | 27.04.2021      |

### About the Department

The Department of ENT (Ear, Nose, and Throat) at AIIMS Bilaspur plays a pivotal role in providing specialized medical care and treatment for disorders related to the ear, nose, throat, head, and neck. The department is equipped with state-of-the-art facilities and staffed by highly qualified ENT surgeons, nurses, and support staff who work together to deliver comprehensive and compassionate care to patients. At AIIMS Bilaspur, the ENT department not only focuses on treating diseases but also emphasizes preventive care, rehabilitation, and advancing medical knowledge through innovative research initiatives.

**Vision:** To provide high quality ENT care that is patient-centered, evidence-based, and accessible to all sections of society.

**Mission:** The mission of the Department of ENT, AIIMS Bilaspur is to provide exemplary care in the diagnosis, treatment, and management of ear, nose, and throat disorders as well as Head Neck Cancer through a patient-centered approach. We strive to be a leader in healthcare delivery, contributing to the well-being of our community and beyond.

**Patient Care Services:** The department is catering to an increasing number of patients with ear, nose, throat complaints as well as Head Neck cancer patients on an out-patient basis. Minor OT Services in OPD complex have been initiated. Minor surgical procedures like nasal and laryngeal endoscopies, biopsy, incision & drainage under local anesthesia are being carried out for patients on a day-care basis. The Department has started major Operation theatre services and has taken a lead in performing all

major ENT Cases including Head and Neck surgeries like thyroidectomy, parotidectomy and oral and laryngeal cancers. The department has been performing major Head & Neck cancer operations with reconstruction on a regular basis and has successfully managed 275 patients of Head and Neck Cancer in the year 2023-2024, in collaboration with the department of Plastic Surgery, Radiotherapy, & Medical Oncology. The Department has performed 88 Major and 65 minor surgeries in the year 2023-2024. The department has been rendering emergency services to patients of ENT trauma as well other ENT emergencies such foreign body of upper aerodigestive tracts, stridor, epistaxis. The Department has achieved a major milestone by initiating Cochlear Implantation Program for congenital sensorineural hearing loss in children by performing its first Cochlear Implantation on 24.05.2023, has performed this procedure successfully on six children so far.

**Academics Services:** The Department has started MBBS teaching in the form of lectures, clinics, and tutorials. The department has also applied for permission for special clinics in the form of Otology and Vertigo clinic and ENT-Radiology clinics. Post-graduate courses have been started in the department since July 2023. Academic activities in the form of seminars, case presentations and journal clubs have been initiated in the department as a part of PG training.

**Community Participation:** The department is actively participating in various community-based activities.

1. 2-days Multidisciplinary health check-up camp on 26.05.2023 & 27.05.2023 at Villages Marotan & Dhar Tatoh under District Disability Rehabilitation Centre Scheme.
  2. Multi-specialty medical camp at Lahaul Sapiti – 18.07.2024 – 20.07.2024.
- Future Plan:** The Department of ENT, AIIMS, Bilaspur is focused on advancement in patient care services and research.
1. Upgrading patient care facilities to ensure comfort and enhance the overall patient experience.
  2. Adoption of latest technology like coblation assisted surgery, laser-based surgeries for patient benefit.
  3. Initiation of Specialized clinics such as Otolaryngology clinic, Vertigo and Tinnitus Clinic, Head- Neck Cancer Clinic/Tumor Clinic.
  4. Hosting workshops, conferences, and seminars to promote knowledge exchange and professional development.
  5. Collaborating with other research institutions and universities both within India and globally to advance ENT research and clinical practice

### Publications

1. S Kumar, N Gupta, P Thakur, N Gupta, A Bodh. High Altitude Head and Neck Paragangliomas: A First Sub-Himalayan Experience. OTO Open (HNS) 2024, Vol.8(1):e112, DOI: 10.1002/oto2.112
2. N Gupta, P Sareen, S Kumar, M Negi. Assessment of awareness and knowledge regarding nuclear medicine and appropriate use of Nuclear medicine modalities, among medical students and faculty members in two academic medical institutes in North India: A Cross sectional Study, DOI: 10.22038/AOJNMB.2023.71375.1497

### Community Participation

1. Multi-specialty medical camp at Lahaul Sapiti – 18.07.2024 – 20.07.2024 – The coordinator for the camp.

## DEPARTMENT OF FORENSIC MEDICINE & TOXICOLOGY

### Faculty

| S. No. | Name             | Designation         | Date of Joining |
|--------|------------------|---------------------|-----------------|
| 1      | Dr Yatiraj Singi | Associate Professor | 23.11.2020      |
| 2      | Dr Dipen Dabhi   | Assistant Professor | 25.11.2020      |

### About the Department

The Dept of Forensic Medicine at AIIMS Bilaspur is established with motto to provide academic, clinical & research activities par excellence. The faculties of the department were actively involved in various capacities for establishing an AIIMS, comparable to its parent institute AIIMS New Delhi.

**Administrative activities:** The faculty members were entrusted with various administrative responsibilities like IT Cell, Faculty In-charge Security, Anti-Ragging Committee, Disciplinary committee, Annual Report Committee, UG Board of Studies etc.

**Academic:** The faculty members were involved in the Foundation course of the first batch of MBBS and regular classes for students of MBBS Phase II. The faculty also framed the

Postgraduate curriculum for the subject of Forensic Medicine.

**Research:** The faculty members were awarded an Extramural grant by ICMR and are pursuing interdepartmental research in collaboration with Dept of Radiology.

**Medico-legal work:** The faculty were actively providing expert opinion or performing autopsies in cases where expertise of Forensic Expert was sought by the District Police, Dist. Bilaspur.

**Future Vision:** The department is currently pursuing construction of state-of-the-art mortuary complex at the AIIMS Bilaspur with approval of Standing Finance Committee awaited. Meanwhile department is actively pursuing to start temporary mortuary in interest of the academics and public service.

### CMEs/Workshop/Symposia/National & International Conferences Organised

1. International Summer CME Programme 2023, 13<sup>th</sup> May to 17<sup>th</sup> June 2023, GLAFIMS INDIA and Forum Lex Association, ITALY

### Lectures Delivered/Papers or Posters presented at CMEs/ National & International Conference

| S. No. | Name of Faculty  | Title                                                                       | CME/Conference                                                                      | Date                  | Organised by                              |
|--------|------------------|-----------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------|-------------------------------------------|
| 1.     | Dr Yatiraj Singi | Medico-legal aspects of Body Donation                                       | SGTeAnatCon 2023, A National e-conference "Significance of Applied Anatomy in CBME" | April 5-6, 2023       | Dept of Anatomy, SGT University, Gurugram |
| 2.     | Dr Yatiraj Singi | IT Cell@INI: Experience as Faculty Incharge IT Cell in the last three years | AIIMS Forensic Guild Conclave 2023                                                  | September 21-23, 2023 | AIIMS Mangalagiri                         |

## Research

| S. No. | Title of Project                                                                                                                                    | Name (Role)                                                | Extramural/ Intramural/ Self funded | Duration (Years) | Status (Ongoing/ Completed) | Total funds sanctioned (Rs.) |
|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|-------------------------------------|------------------|-----------------------------|------------------------------|
| 1.     | Correlation of dimension of hands and feet with Stature in Indigenous population of Tribal Districts of Himachal Pradesh.                           | <b>PI:</b> Dr Yatiraj Singi<br><b>Co-I:</b> Dr Dipen Dabhi | Extramural (ICMR)                   | 1Yr              | Completed                   | 5,45,000/-                   |
| 2.     | Correlation of craniofacial measurements with stature in indigenous population of tribal dist. of Himachal Pradesh                                  | <b>PI:</b> Dr Dipen Dabhi<br><b>Co-I:</b> Dr Yatiraj Singi | Self-funded                         | 1Yr              | Completed                   | NA                           |
| 3.     | Gender determination by analysing clinical chest x ray using 9th and 10th thoracic vertebra by metric method of analysis in North Indian population | <b>PI:</b> Dr Dipen Dabhi<br><b>Co-I:</b> Dr Yatiraj Singi | Self-funded                         | 2Yr              | Ongoing                     | --                           |

## Publications

1. RK Saini; M Sharma; Y Sing; D Sharma; N Saini; GR Mann; S Bashir; Demographics Of Suicidal, Homicidal And Motor Vehicular Accidental Deaths In Rural Haryana, North India–Effect Of Covid-19 Lockdown, European Chemical Bulletin, 2023, Special 5, 3373-8 DOI: 10.48047/ecb/2023.12.si5a.0224
2. SM Kumar, HK Shreekrishna, Y Singi, Clinico-epidemiological profile and outcome of snakebite patients presented to a teaching institute–A descriptive retrospective review, Journal of Family Medicine and Primary Care, 2024 13(1), 151-6 DOI: DOI: 10.4103/jfmprc.jfmprc\_743\_23

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## DEPARTMENT OF GENERAL MEDICINE

### Faculty

| S. No. | Name                | Designation         | Date of Joining |
|--------|---------------------|---------------------|-----------------|
| 1.     | Dr. Ajay Jaryal     | Associate Professor | 23.11.2020      |
| 2.     | Dr. Tarun Sharma    | Associate Professor | 15.06.2022      |
| 3.     | Dr. Bhupender Kumar | Assistant Professor | 25.11.2020      |
| 4.     | Dr. Kapil Sharma    | Assistant Professor | 16.11.2020      |
| 5.     | Dr. Subhash Chander | Assistant Professor | 14.06.2022      |
| 6.     | Dr. Shivani Chandel | Assistant Professor | 04.07.2023      |

### About the Department

The department of Internal Medicine also colloquially called as general medicine or just by name of Medicine is one of the foremost broad specialties. The domain and expertise of the department spans from primary care, emergency, in-hospital to intensive care. The department runs a 60 bedded indoor ward including 4 bedded HDU, 4 bedded medicine CCU and a separate 8 bedded medicine main ICU. For day-to-day functioning the department's faculty works in three separate units. Each unit is responsible for its own clinical teaching and care of indoor and OPD patients. The department daily runs its OPD with special clinics in geriatrics and non-communicable diseases/Diabetes. It also runs round the clock medical emergency services and interdepartmental consults. On an average it caters to 250 outpatients in OPD, 12-15 new indoor admissions and 25-30 emergency patients visits daily. The department provides free ECG services in the outpatient clinics with around 50 ECGs done daily. It also runs spirometry in outpatient clinics and performs procedures like various paracentesis, central line insertion, lumbar puncture, inter-coastal tube insertion and bronchoscopies. The department is equipped with 2D echo, multipara monitors and state of art ventilators. The department of Internal medicine is actively involved in MBBS teaching both in didactics and clinicals. It also imparts three years MD degree in Medicine with three position available every 6 months.

### Vision:

To augment health care and medical education in realms of non-communicable diseases, infectious illnesses, telehealth and to conduct the research for the benefit of communities.

### Mission:

To provide state of art, scientific and evidence-based patient, medical education and research in an ethical and compassionate environment.

### Patient care services:

Department of internal medicine acts as a sheath anchor for care of the patients with various medical illnesses. The department provides outpatient, inpatient, emergency and state of art intensive care to all the needy patients coming to AIIMS Bilaspur. The department runs a 60 bedded indoor ward including 4 bedded HDU, 4 bedded medicine CCU and a separate 8 bedded medicine main ICU.

### Academic courses:

The department is actively involved in MBBS teaching from 2<sup>nd</sup> professional MBBS onwards. It also imparts three years MD degree in Medicine.

### Future plans:

Building upon the foundation laid by the hard work of founding faculty members, the department intend to further augment patient care services in realm of non-communicable, infectious diseases and telehealth.

## Research

| S. No | Title of the Project                                                                  | Name (Role)                                  | Extramural/ Intramural/ Self funded | Duration (Yrs) | Status (Ongoing/ Completed) | Total funds sanctioned (Rs.) |
|-------|---------------------------------------------------------------------------------------|----------------------------------------------|-------------------------------------|----------------|-----------------------------|------------------------------|
| 1.    | Establishment of hospital based STI surveillance network in India                     | Co-I: Dr Ajay Jaryal, Dr Bhupender Kumar     | Extramural                          | 3Yrs           | Ongoing                     |                              |
| 2.    | Digital nose for healthcare: Diagnosing Diabetes and Heart disease                    | Co-I: Dr Bhupender Kumar                     | Extramural                          | 2Yrs           | Ongoing                     |                              |
| 3.    | Incidence of metabolic syndrome in newly diagnosed type 2 diabetes mellitus patients. | Co-I: Dr Bhupender Kumar, Dr Subhash Chander | Non funded                          | 1Yrs           | Ongoing                     | NA                           |

## Publications

### Papers

1. Jaryal A, Sidhu NS, Vikrant S. Symptomatic Bradycardia Post Rituximab infusion. Indian J Nephrol. 2024; 34(2): 207-207.
2. Jaryal A, Vikrant S, Kumar B, Sharma K, Chander S, Chandel S. An Unusual Presentation of Vitamin B-12 Deficiency: Acute Diarrhoea and A Dialysis Requiring Acute Kidney Injury. Tropical Gastroenterology. 2024; 45(1): 48-51.
3. Sharma K, Jaryal A, Sharma S, Rana L. Disseminated Intravascular Coagulation during a Course of Miliary Tuberculosis with Acute Respiratory Distress Syndrome. Journal of Global Infectious Diseases ():10.4103/jgid.jgid\_202\_23, May 24, 2024. | DOI: 10.4103/jgid.jgid\_202\_23
4. Kapur, R.; Kumar, Y.; Sharma, S.; Rastogi, V.; Sharma, S.; Kanwar, V.; Sharma, T.; Bhavsar, A.; Dutt, V. DiabeticSense: A Non-Invasive, Multi-Sensor, IoT-Based Pre-Diagnostic System for Diabetes Detection Using Breath. *J. Clin. Med.* **2023**, *12*, 6439.
5. Sharma T, Kelkar D, Kamm S. What's New in Emergencies Trauma and Shock: Cerebral Vein Thrombosis in Pregnancy and Postpartum Period: An Enigma in Emergency. *J Emerg Trauma Shock*. 2024 Jan-Mar;17(1):1-2.
6. Sharma T, Grant A. What's New in Emergencies, Trauma, and Shock - Point-of-care Algorithms for Ultrasound in Emergency Departments: Need of the Hour. *J Emerg Trauma Shock*. 2023 Jul-Sep;16(3):77-78.
7. Bharti S, Bairwa R, Bairwa D, Sharma, T. Cytological diagnosis of gouty tophi over the elbow as an initial manifestation in an asymptomatic patient. *J Bone Joint Dis* 2024;39:53-6
8. GlucoBreath: Non invasive glucometer to detect diabetes using breath. Ritu Kapur, Yashwant Kumar, Swati Sharma, Shivani, Eishkaran Singh, Dhruv Rohilla, Bhupinder Kumar, Vikrant Kanwar, Arnav Bhavsar, and Varun Dutt. *IEEE JOURNAL OF BIOMEDICAL AND HEALTH INFORMATICS* November 2023; 1-14.

9. Sharma K, Sharma S. NCD pandemic: Role of digital health technologies. J Community Health Manag 2024;11(1):1-2.
10. Sharma S, Sharma K, Taywade OK et al. Exploring a Case of Unconjugated Hyperbilirubinaemia Resulting from the Rare Coexistence of Inherited Disorders- A Case Report. Ind J Clin Biochem (2024). <https://doi.org/10.1007/s12291-024-01227-7>

## Chapter(s) in Book

| S. No | Authors          | Chapter                                     | Name of the Editor         | Title of the Book                                            | Publication details (Edition, year, publisher)                                                                               |
|-------|------------------|---------------------------------------------|----------------------------|--------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| 1     | Dr Ajay Jaryal   | Diabetes and Kidney                         | Dr Dhiraj Kapoor           | Diabetes in practice                                         | 1st edition 2023<br>Paras Medical Publisher                                                                                  |
| 2     | Dr Tarun Sharma  | Nutrition weight loss and physical activity | Dr Dhiraj Kapoor           | Diabetes in practice                                         | 1st edition 2023<br>Paras Medical Publisher                                                                                  |
| 3     | Dr. Kapil Sharma | MicroRNA Signatures of Tumor hypoxia        | Kanwar, J.R. Mukherjee, S. | Hypoxia in Cancer: Significance and Impact on Cancer Therapy | Springer, Singapore<br><a href="https://doi.org/10.1007/978-981-99-0313-9_7">https://doi.org/10.1007/978-981-99-0313-9_7</a> |

## Awards, Honors and significant achievements

### Dr. Tarun Sharma

1. Received Shiksha Samrudhi (INDUSEM) award 2023 at DY Patil Pune in National Emergency Medicin Conference

### Dr. Bhupender Kumar

1. ALS Provider course completed at Bengaluru certified by European Resuscitation Council BE-2845 Nile-Belgium

## Community Service

1. Commemoration of World Lupus Day, World Arthritis Day and World Hypertension Day.
2. Participated in Camp held at Police lines Bilaspur on World Hypertension Day.
3. Community outreach activity for patients on world Rheumatoid arthritis day,
4. Lecture on Yoga Day 21<sup>st</sup> June 2024 on sedentary Lifestyle in collaboration with Department of Physiology AIIMS Bilaspur HP.
5. Community Health Camps: 22.02.24 (Chetna Sanstha Panjgain), 30.12.23 (Vikshit Bharat Sankalp Yatra, Kothipura ), 19.01.24 ( Chetna Sanstha Camp Hotel M4 U Ghumarwin )

## DEPARTMENT OF GENERAL SURGERY

### Faculty

| S. No. | Name                 | Designation         | Date of Joining |
|--------|----------------------|---------------------|-----------------|
| 1.     | Dr Mohim Thakur      | Associate Professor | 16.03.2021      |
| 2.     | Dr Ajay Kumar Dhiman | Assistant professor | 04.07.2022      |
| 3.     | Dr Saumya Chopra     | Assistant professor | 30.06.2023      |
| 4.     | Dr Vipul Shrivastava | Assistant professor | 21.12.2023      |

### About the Department

The Department of General Surgery at AIIMS Bilaspur, Himachal Pradesh, is committed to delivering high-quality surgical care, advancing medical education, and fostering innovative research. Since its inception, the department has grown exponentially, becoming a cornerstone of excellence within AIIMS Bilaspur. Our dedicated team of surgeons, nurses, and support staff works tirelessly to ensure the best outcomes for our patients, and our academic programs are designed to train the next generation of surgical leaders.

#### Vision

The Department envisions to be a leading center of excellence in General surgery, recognized our clinical expertise, innovative research, and exceptional educational programs. We strive to improve patient outcomes through cutting-edge surgical techniques, multidisciplinary collaboration, and a patient-centered approach to care.

#### Mission

- i. **Patient Care:** To provide comprehensive, compassionate, and state-of-the-art surgical care to all patients.
- ii. **Education:** To offer top-tier surgical education and training programs for medical students and residents.
- iii. **Research:** To conduct pioneering research that advances the field of general surgery and translates into improved patient care.

#### Patient Care Services

In the past year, the Department of General Surgery has made significant strides in enhancing patient care services. We have successfully

performed over 500 major surgeries, encompassing a wide range of procedures such as laparoscopic surgeries in colorectal, upper GI, hepatobiliary, oncologic resections, trauma surgeries, and complex hernia repairs. Our outpatient services have expanded, with over 10,000 consultations provided.

#### Key highlights include:

- **Minimally Invasive Surgery:** We have increased the number of minimally invasive (laparoscopic) procedures, reducing patient recovery times and hospital stays.
- **Surgical ICU:** The department independently runs 4 bedded SICU providing quality critical care to surgical patients.
- **Research:** Department has completed a multicentre international study initiated by University of Birmingham UK (NIHR)

#### Academic Courses

The department continues to be at the forefront of surgical education. Our academic programs are designed to equip students with the knowledge, skills, and experience necessary to excel in the field of general surgery.

- i. **Undergraduate Program:** Our rigorous curriculum for MBBS students includes comprehensive surgical training, bedside teaching, and simulation-based learning.
- ii. **Residency Program:** The MS (General Surgery) program attracts candidates from all around the nation and offers extensive hands-on training, research opportunities, and mentorship.

iii. **Research and Publications:** Faculty and residents are actively involved in clinical and translational research.

## Future Plans

Looking ahead, the Department of General Surgery has several ambitious plans aimed at further enhancing our capabilities and impact:

### • Expansion of Services:

- **Robotic surgery:** We plan to expand our surgical services to include advanced robotic surgery and establish specialized units for bariatric surgery and colorectal surgery.
- **Endoscopy:** Department is planning to start Endoscopy services in the Institute.

- **Research Initiatives:** We aim to strengthen our research infrastructure increasing collaboration with national and international research institutions.

- **Educational Enhancements:** Development of new fellowship programs in subspecialties minimally invasive surgery to provide advanced training opportunities.

- **Community Outreach:** Launching community outreach programs to provide surgical care and education in rural and underserved areas of Himachal Pradesh.

**Infrastructure Development:** Upgrading our facilities with state-of-the-art surgical equipment and establishing a modern simulation center for advanced surgical training.

## Lectures Delivered/Papers or Posters Presented at CMEs /National & International Conferences

| S. No. | Name of the Faculty  | Title of Lecture/ Paper/ Poster | CME/ Conference | Date                         | Organizer & Venue |
|--------|----------------------|---------------------------------|-----------------|------------------------------|-------------------|
| 1.     | Dr Mohim Thakur      | Invited as Chairperson          | ENDOLAP 2023    | 16-18 <sup>th</sup> Feb 2023 | MAMC New Delhi    |
| 2.     | Dr Ajay Kumar Dhiman | ATLS faculty as teacher         | ATLS 2023       | 14-16 <sup>TH</sup> Oct 2023 | AIIMS Rishikesh   |

## Research

| S. No | Title of the Project                                                                                          | Name (Role)                      | Extramural/ Intramural/ Self funded | Duration (Yrs) | Status (Ongoing/ Completed) | Total funds sanctioned (Rs.) |
|-------|---------------------------------------------------------------------------------------------------------------|----------------------------------|-------------------------------------|----------------|-----------------------------|------------------------------|
| 1.    | Global evaluation of cholecystectomy knowledge and outcome. An international prospective cohort study (GECKO) | Lead Researcher: Dr Mohim Thakur | Self funded                         | 1Yr            | Completed                   | Nil                          |
| 2.    | Nature of miR-2909 dependent regulation of PVT-1 gene locus in Human Prostate Cancer                          | Co-I: Dr Mohim Thakur            | Extramural                          | 2Yrs           | Ongoing                     |                              |
| 3.    | Ethnopharmacological Survey of medicinal herbs used by traditional tribal healers in Lahaul and Spiti         | Co-I: Dr Mohim Thakur            | Nil                                 | 2Yrs           | Ongoing                     | Nil                          |

|    |                                                                                                                                                                                   |                              |     |      |         |     |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-----|------|---------|-----|
|    | – A cold desert region in northwestern Himalayan belt of India                                                                                                                    |                              |     |      |         |     |
| 4. | A prospective Observational study to compare the results of mesh Fixation vs non fixation in patients of laparoscopic inguinal hernia surgery.                                    | Dr Mohim Thakur (Guide)      | Nil | 2Yrs | Ongoing | Nil |
| 5. | Effect of preoperative local infiltration of Gentamicin at Surgical Site on the incidence of SSI, in patients undergoing emergency laparotomy:- A prospective Observational Study | Dr Ajay Kumar Dhiman (Guide) | Nil | 2Yrs | Ongoing | Nil |

## Publications

1. Yadav SK, **Thakur M, Dhiman A** et al Giant Gall stone with GB perforation and Hepatic abscess in an Asian patient. Cureus 15(6):39895
2. Bhagat S, Lhamo Y, Singh S, **Thakur M.** Beta Adrenergic receptor blockers (BARB): Boon or bane Elucidating their paradoxical effects. IJSR 12(10)
3. Meena, Ram Niwas; Jain, Roshit; Khanna, Rahul; Srivastava, **Vipul Kumar.** Case Report of a Pleomorphic Adenoma of Ear Lobule. Indian Journal of Otology, 30(2), 139-41

## Community Service

- 1) **Trauma Training** - The Department lead by Dr Mohim Thakur, Dr Ajay Dhiman and Dr Saumya Chopra organized Training cum awareness workshop in CHC -Markand Bilaspur H.P on the eve of World Trauma Day where medical officers and staff nurses were trained in the initial management of Trauma patient.
- 2) **Radio Talk** – Dr Saumya Chopra participated in a Radio Talk show in AIR Hamirpur H.P. on Gastrointestinal cancers on the eve of *World Cancer Day* in Feb 2024

## DEPARTMENT OF HOSPITAL ADMINISTRATION

### Faculty

| S. No. | Name               | Designation         | Date of Joining |
|--------|--------------------|---------------------|-----------------|
| 1.     | Dr. Vikrant Kanwar | Assistant Professor | 23.11.2020      |

### About the Department

**Vision:** We “SAVE” (System, administer, values and economy) with CARE (Compassion, affection, respect and empathy)

**Mission:** Creating a System which Administer through Values and Economy, to ensure Compassionate, Affectionate, Respectful and Empathetic Care”

### Objectives:

- To organise and coordinate day to day administrative activities in the institute hospital to impart and deliver effective healthcare services.
- To implement the technology driven health systems to smoothen the processes.
- To train/capacity building of the healthcare work force for effective delivery of services.
- To ensure legal and promote ethical practices in the institutions.
- To coordinate and facilitate in the quality assurance programmes in tertiary care hospitals and act as nodal centre for these activities for other hospitals of the state.
- To conduct operational research in various areas of health and healthcare administration for effective management decision making.
- To advocate and advice regarding current trends in hospital planning and management.

### Lectures Delivered/Papers or Posters Presented at CMEs /National & International Conferences

| S. No. | Name of the faculty | Title of Lecture/ Paper/ Poster             | CME/ Conference  | Date         | Organizer & Venue             |
|--------|---------------------|---------------------------------------------|------------------|--------------|-------------------------------|
| 1.     | Dr. Vikrant Kanwar  | Chaired session- use of AI&ML in healthcare | Telemedicon 2023 | Nov 3-5,2023 | Telemedicine Society of India |

### Publications:

- Ritu Kapur, Yashwant Kumar, Swati Sharma, Shivani, Eishkaran Singh, Dhruv Rohilla, Bhupinder Kumar, **Vikrant Kanwar**, Arnav Bhavsar, and Varun Dutt; Gluco breath: An IOT, ML and Breath based Non invasive glucometer, IEEE Access 12, 3392015
- Ritu Kapur, Yashwant Kumar, Swati Sharma, Vedant Rastogi, Shivani Sharma, **Vikrant Kanwar**, Tarun Sharma, Arnav Bhavsar, and Varun Dutt; DiabeticSense: A Non-Invasive, Multi-Sensor, IoT-Based Pre-Diagnostic System for Diabetes Detection Using Breath, J. Clin. Med., 12
- Dr. Vikrant Kanwar** et al, Challenges in Implementing Digital Health Services In Rural India, JISfTeH, Vol 11 (2023)
- Dr. Vikrant Kanwar** et al, Development of Nursing Standards Operating Procedures (SOP's) for Ward Management Practices: An Initiative towards Quality Assurance, Vol. 6, 95738
- Vikrant Kanwar**, Puneet Khanduja, Nisha Salaria, Sushila Kumari. Tele dermatology: an alternative service delivery channel for outpatient care during COVID-19 pandemic in a tertiary government healthcare facility in rural area. Int J Health Sci Res. 2023; 13(11):317-321. DOI: 10.52403/ijhsr.20231138

## DEPARTMENT OF MEDICAL ONCOLOGY

### Faculty

| S. No. | Name              | Designation         | Date of Joining |
|--------|-------------------|---------------------|-----------------|
| 1.     | Dr Pravesh Dhiman | Associate Professor | 28.06.2022      |

### About the Department

The department started providing OPD services for patients requiring Medical Oncology and specialized hematology care from Ayush block from July 2022. The indoor facility became functional in September 2022. The department has makeshift functional day care Unit along with Indoor wards. The department trained nursing professionals and Junior Residents in chemotherapy administration techniques. From April 2023 to March 2024, the department had an estimated 3500 OPD visitors, administered more than 1000 chemotherapies, including targeted drugs and monoclonal antibodies. The number of who underwent PICC line insertions was four, the department has performed 20 Bone marrow aspiration and biopsies for diagnosis and management of various hematological disorders. Five patients had chemoport insertion, pleurex catheters were inserted in five patients with malignant ascites the nursing staff and junior

residents were taught the access and handling of central venous catheters. Five patients with malignant ascites were managed with pleurex catheter insertion. The department has started intrathecal administration of chemotherapeutic drugs for CNS prophylaxis and management of leptomeningeal disease. The department is also involved in administering Monoclonal antibodies, Immune check point inhibitors and other targeted therapies. Multidisciplinary tumour board were started wef 7<sup>th</sup> March 2023.

The department has proposed to develop state of the art BMT unit at AIIMS Bilaspur which will be the first in the state to provide these services. The infrastructure will further help to provide cutting edge therapies such as CAR T cell therapies.

The department is collaborating with other institutes for various trials and other research activities.

### Lectures Delivered/Papers or Posters Presented at CMEs /National Conferences

| S. No. | Name of the faculty | Title of Lecture/ Paper/ Poster                                                                                                                                                           | CME/ Conference                 | Date                        | Organizer & Venue                           |
|--------|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-----------------------------|---------------------------------------------|
| 1.     | Dr Pravesh Dhiman   | The Next Generation of Predictive Biomarkers and Targeted Therapies in Gastrointestinal Malignancies                                                                                      | North Zone ACBI Conference 2023 | 27 <sup>th</sup> April 2023 | Department of Biochemistry, AIIMS Bilaspur. |
| 2.     | Dr Pravesh Dhiman   | Real-world evidence on the effectiveness of Pembrolizumab in patients with Recurrent/Metastatic/ Unresectable Head and Neck Squamous Cell Carcinoma - A Systematic Review & Meta-analysis | 3rd Indian Cancer Congress 2023 | 2nd-5th November 2023       | Jio Convention Center, BKC, Mumbai,         |
| 3.     | Dr Pravesh Dhiman   | Panelist                                                                                                                                                                                  | PGI ASCO-WCS2023                |                             | PGIMER, Chandigarh                          |

|    |                   |                                   |               |                                               |            |
|----|-------------------|-----------------------------------|---------------|-----------------------------------------------|------------|
| 4. | Dr Pravesh Dhiman | Panelist                          | ISNO CON-2024 | 7 <sup>th</sup> April, 2024                   | Chandigarh |
| 5. | Dr Pravesh Dhiman | Landmark trials in Ovarian Cancer | HPCGUM        | 28 <sup>th</sup> -29 <sup>th</sup> March 2024 | Shimla     |

## Publications

1. Sandal R, **Dhiman P**, Murgai P. Syndrome de Sweet associé à une affection maligne. CMAJ. 2023 Jul 31;195(29):E998. French. doi: 10.1503/cmaj.220827-f
2. Sharma, J., Fotedar, V., Gupta, M., Vats, S., **Dhiman, P.**, Upadhyay, M., & Negi, N. (2023). Addition of temozolomide as radiosensitizer in brain metastasis: experience from a resource limited centre in sub-Himalayan region . *International Journal of Research in Medical Sciences*, 11(9), 3287–3292. <https://doi.org/10.18203/2320-6012.ijrms20232781>

## Chapter in Book

| S. No. | Author(s)                                                                                                    | Chapter                                                                                                   | Name of the Editor | Title of the Book                 | Publication Details (Edition, Year, Publisher)                                                                                   |
|--------|--------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|--------------------|-----------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| 1.     | Rajeev Sandal, Ashish Chauhan, Aditya Jandial, Kundan Mishra, Pulkit Rastogi, Pravesh Dhiman & Asheesh Kumar | Enteropathy-Associated T-Cell Lymphoma: Epidemiology, Natural History, and Management in the Current Era. | Nima Rezaei        | Interdisciplinary Cancer Research | 31 January 2023<br>Springer, Cham<br><a href="https://doi.org/10.1007/16833_2022_114">https://doi.org/10.1007/16833_2022_114</a> |

## Community Service

### Dr Pravesh Dhiman

1. Organised Community Awareness for Organ Donation on 26<sup>th</sup> Sept 2023 at AIIMS Bilaspur Campus
2. Organised Community Awareness for Cancer Screening on 29<sup>th</sup> Sept 2023 at AIIMS Bilaspur Campus
3. Organised World Cancer Day on 4<sup>th</sup> Feb 2023 at AIIMS Bilaspur Campus

## DEPARTMENT OF MICROBIOLOGY

### Faculty

| S. No. | Name                   | Designation                 | Date of Joining |
|--------|------------------------|-----------------------------|-----------------|
| 1.     | Dr. Prashant Sood      | Additional Professor & Head | 22.03.2021      |
| 2.     | Dr. Puneet Kumar Gupta | Associate Professor         | 08.12.2020      |
| 3.     | Dr. Megha Sharma       | Assistant Professor         | 09.11.2020      |
| 4.     | Dr. Swati Gupta        | Assistant Professor         | 20.11.2020      |

### About the Department

During 2023-24 the Department of Microbiology launched blood culture and antimicrobial sensitivity testing services based on the semi-automated BacT/ALERT 3D and VITEK 2 microbial detection, identification and antimicrobial susceptibility testing systems. The Department also commenced GeneXpert (CBNAAT) services under the NTEP program at its Direct Microscopy Centre, which had already been providing Ziehl-Neelsen microscopy and referral service of specimens for other tubercular diagnostics to the state NTEP centers at Bilaspur and Dharampur, Himachal Pradesh. In parallel, the Department has been providing basic microbiology testing services of virology (HAV, HBV, HCV, HEV, HIV-1 & 2, Dengue), bacterial serology (VDRL, Scrub typhus, Widal, Typhidot), parasitology (stool microscopy, malaria peripheral smear, malaria serology), and mycology (KOH microscopy) through the HIND laboratories established at AIIMS, Bilaspur. The Department is further about to launch viral and bacterial serology services, and various other bacterial and fungal culture and sensitivity services.

The Department has completed the drafting and revision of postgraduate and undergraduate curricula for MD (Microbiology), MBBS, BSc MLT, and BSc Nursing degree courses. The Department has also been successfully undertaking and completing the training and

examinations of MBBS students, including MBBS supplementary batch 2020, MBBS regular batch 2021, and MBBS regular batch 2022. Teaching, training and examinations in microbiology of various batches of BSc MLT and BSc paramedical courses have also been undergoing. In addition, the Department has been conducted training sessions for the Institute faculty, nursing officers, students and staff on hospital infection control practices and biomedical waste management. The Microbiology faculty has also been invited as external examiners and subject experts and have provided theses services to various national and state level teaching institutes in Himachal Pradesh and across north India.

The Department of Microbiology has been driving forward major research grants including the DHR-ICMR grant for the establishment of Regional-VRDL at AIIMS, Bilaspur. Blueprints and architectural plans for the construction of a state-of-the-art BSL-3 facility have been drafted and approved by the authorities. The launch of BSL-2 services under the R-VRDL are also anticipated in the coming months. In addition, studies funded under FAIMER and DST are under way. Besides research grants, the Department's young faculty has been proactive in organizing and attending several important academic and research events and has been awarded several noteworthy honors.

### CMEs/Workshop/Symposia/National & International Conferences Organised

1. International Infection Prevention Week celebration on 21 October 2023 by Department of Microbiology and Internal Medicine (Lectures, slogan competition)

## 2. Regional summit on non-communicable diseases on 4<sup>th</sup> September 2023

### Lectures Delivered/Papers or Posters Presented at CMEs /National & International Conferences

| S. No. | Name of the faculty | Title of Lecture/ Paper/ Poster                                                                                           | CME/ Conference | Date           | Organizer & Venue                                                              |
|--------|---------------------|---------------------------------------------------------------------------------------------------------------------------|-----------------|----------------|--------------------------------------------------------------------------------|
| 1      | Dr Megha Sharma     | The challenge of diagnosing drug-resistant Osteoarticular tuberculosis: Truenat MTB Plus vs GeneXpert Ultra.              | Microcon 2023   | 23-26 Nov 2023 | IAMM Conference (Indian Association of Medical Microbiologists), KGMU, Lucknow |
| 2      | Dr Megha Sharma     | Establishing a microbiological diagnosis of Acanthamoeba Keratitis beyond risk factors: there is more than meets the eye. | Tropacon 2023   | 27-29 Oct 2023 | IATP (Indian Association of Tropical Parasitology), AIIMS Jodhpur.             |

### Research

| S. No. | Title of the Project                                                                                                                 | Name (Role)                                                                         | Extramural/ Intramural/ Self funded | Duration (Yrs) | Status (Ongoing/ Completed) | Total funds sanctioned (Rs.)     |
|--------|--------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------|----------------|-----------------------------|----------------------------------|
| 1      | Regional VRDL                                                                                                                        | Co-PI: Dr. Prashant Sood, Dr. Puneet Kumar Gupta, Dr. Megha Sharma, Dr. Swati Gupta | Extramural (DHR-ICMR)               | NA             | Ongoing                     | 15 Crores (1 <sup>st</sup> year) |
| 2.     | Implementation of digital pharmacology flashcards for spaced retrieval practice among medical undergraduate students                 | Co-PI: Dr. Prashant Sood                                                            | Non-funded                          | 2Yrs           | Ongoing                     | --                               |
| 3.     | Unraveling the true burden of Human Brucellosis: evaluating bcsp31 Quantitative Polymerase Chain Reaction (qPCR) for differentiating | PI: Dr. Megha Sharma                                                                | Extramural (DST-SERB)               | 2Yrs           | Ongoing                     | 15,31,200/-                      |

|                                            |  |  |  |  |  |
|--------------------------------------------|--|--|--|--|--|
| Brucellosis from<br>Brucella colonization. |  |  |  |  |  |
|--------------------------------------------|--|--|--|--|--|

### Publications

- Sharma K, Sharma M, Shree R, Sehgal V, Sharma A, Sharma N, et al. *Mycobacterium abscessus* Complex-Associated Chronic Meningitis: Time to Think Beyond Tuberculosis. *Neurol India* 2023;71:946–52. <https://doi.org/10.4103/0028-3886.388095>.
- Sarkar S, Ratho RK, Singh M, Singh MP, Singh A, Sharma M. Role of Viral Load and Host Cytokines in Determining the Disease Severity of Respiratory Syncytial Virus-Associated Acute Lower Respiratory Tract Infections in Children. *Jpn J Infect Dis* 2023;76:233–9. <https://doi.org/10.7883/yoken.JJID.2022.673>.
- Dutta Majumder P, Mochizuki M, González-López JJ, Gonzales J, Sharma M, Sharma K, et al. Laboratory Investigations in Infectious Uveitis. *Ocul Immunol Inflamm* 2023;31:1405–15. <https://doi.org/10.1080/09273948.2022.2164728>.
- Sharma K, Sharma M, Sharma A, Dhillon MS. Diagnosing osteoarticular tuberculosis and detecting rifampicin resistance: A comparative analysis of Truenat MTB Plus vs GeneXpert Ultra. *Tuberculosis* 2024;145:102483. <https://doi.org/10.1016/j.tube.2024.102483>.
- Sipahi OR, Akyol D, Ormen B, Cicek-Senturk G, Mermer S, Onal U, et al. Empirical cefepime+vancomycin versus ceftazidime+vancomycin versus meropenem+vancomycin in the treatment of healthcare-associated meningitis: results of the multicenter ephesus study. *BMC Infect Dis* 2023;23:1–9. <https://doi.org/10.1186/s12879-023-08596-z>.
- Sharma K, Sharma M, Gupta N, Modi T, Joshi H, Shree R, et al. Determining the diagnostic potential of Truenat MTB Plus for Tubercular lymphadenitis and detection of drug resistance and a comparison with GeneXpert Ultra. *Tuberculosis* 2023;142:102379. <https://doi.org/10.1016/j.tube.2023.102379>.
- Manhas P, Sharma M, Mewara A, Sachdeva UM, Sehgal R, Malhotra P. Dynamics of *Plasmodium berghei* NK-65 parasitaemia and CD3+ CD4+ CD25+ Fox-p3+ T-regulatory cells in experimentally induced malaria during early, mid, and late-pregnancy in BALB/c mice. *Indian Journal of Microbiology* 2023;63(3):380-385.

### Awards, Honors and Significant Achievements

#### Dr Megha Sharma

- Awarded 1<sup>st</sup> Prize in Oral presentation at Microcon 2023.
- Publication was awarded the Prof A.N Chakrabarthi Award for best published paper in Mycobacteriology at Microcon 2023.
- Prize for poem at Hindi Diwas celebration at AIIMS Bilaspur in September 2023.

### Community Service

#### Dr Megha Sharma

- Organized World Kidney Day awareness program at AIIMS OPD

## DEPARTMENT OF NEONATOLOGY

### Faculty

| S. No. | Name        | Designation         | Date of Joining                 |
|--------|-------------|---------------------|---------------------------------|
| 1.     | Dr Nalini A | Assistant Professor | 08.02.2021<br>(Upto 18.10.2023) |
|        |             | Associate Professor | 19.10.2023                      |

### About the Department

The Department of Neonatology runs various services like NICU services, Postnatal ward care of neonates, emergency neonatal care services and outpatient services. Outpatient services provided are follow up of well newborn, high-risk infant and antenatal counselling. Inpatient services had started with routine newborn care and emergency newborn care and neonatal screening, level 2 and level 3 care of the newborn including ventilation, surfactant, Phototherapy, Exchange transfusion, Total Parenteral Nutrition, preterm care, Kangaroo mother care and very low birth weight care. Faculty was Teaching and training Undergraduate medical students, SR(Academic and Non academic), JR(Academic and Non academic) and Nursing officer of Neonatology and Obstetrics and Gynecology on Essential and Emergency Newborn care. Faculty was also involved in Policy and Protocol Preparation, NICU design, Clinical and Teaching Materials, Procurement of equipment, consumables, drugs for the department and manpower requirements. Department had received 1 ICMR Extramural research grant. Other research activities like Guide for DM Neonatology resident and as co-guide for Postgraduate academic junior residents of Obstetrics and Gynecology department and Pediatrics Department. Community activities like awareness program for mothers in community on home-based care of newborn and awareness program for mothers attending immunization clinic on exclusive and early initiation of breastfeeding were conducted. Faculty member is also a member of various committees.

**Vision:** To provide evidence-based, quality patient care including comprehensive community care, enhance NICU services of the highest standard with advanced technology and innovative teaching

**Mission:** To provide evidence based, quality patient care including comprehensive community care, enhance NICU services of the highest standard with advanced technology, Innovative Teaching of undergraduate, post graduate students and Super specialty Course of DM Neonatology and get national and international collaborative grants for research projects, patent and publications in reputed indexed journals. Uplift the institute to the highest level in activities of evidence-based patient care, research and teaching

**Patient care services:** Provision of Level 3 NICU services of highest standards including ventilation, CPAP, Total parenteral nutrition, growth and development monitoring, Kangaroo mother care services, Phototherapy, Exchange transfusions and comprehensive screening of well newborn. We provide high risk infant follow up clinic and well baby follow up clinic.

**Academic courses:** Dept has started DM Neonatology Course from January 2024. Dept is also involved in teaching undergraduate and postgraduate students of Pediatrics.

**Future Plans:** Start fellowship courses, nursing courses, short-term training for nurses, skills workshop on KMC, TPN, NRP. To establish Human Milk Banking (Comprehensive Lactational Management Centre). Rotational posting in other INI for Exposure for academic senior residents.

## CMEs/Workshop/Symposia/National & International Conferences Organized

During National Newborn week celebration third week of November, Public Awareness programme on Home based Newborn Care in 3 places namely Reception area of B block, AIIMS Bilaspur, 2 villages Nai Sarli and Parohi, E poster and E Slogan competition for Faculties, Students and Nursing staff were conducted.

## Research

| S. No. | Title of the Project                                                                                                                                                                               | Name (Role)     | Extramural/ Intramural/ Self funded                                           | Duration (Yrs) | Status (Ongoing/ Completed) | Total funds sanctioned (Rs.) |
|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------------------------------------------------------------------------|----------------|-----------------------------|------------------------------|
| 1.     | Combination of Pulse oximetry screening and femoral pulse palpation to detect critical congenital heart disease in newborns of Bilaspur district-a prospective observational cross-sectional study | PI: Dr Nalini A | Extramural (ICMR)<br>Study Number: 2021-13072,<br>Sanctioned date: 05.12.2022 | 15 Months      | Ongoing                     | 4,84,826/-                   |

## Awards, Honors and Significant Achievements

### Dr Nalini A

1. Received NPTEL STAR Believer, NPTEL enthusiast, Domain Scholar award, Multiple NPTEL courses and mandatory courses for government on IGOT portal completed.
2. Started DM Neonatology course.

## Community Service

During National Newborn week (15<sup>th</sup> – 21<sup>st</sup> Nov 2023) celebration, Public Awareness programme on Home based Newborn Care in 3 places namely Reception area of B block, AIIMS Bilaspur, 2 villages Nai Sarli and Parohi, E poster and E Slogan competition for Faculties, Students and Nursing staff were conducted as follows

| S. No. | Date       | Name of Activity                                                                                                                                  | Mode     |
|--------|------------|---------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| 1.     | 20.11.2023 | E Slogan competition at AIIMS, Bilaspur, HP                                                                                                       | Online   |
| 2.     | 20.11.2023 | E Poster competition at AIIMS, Bilaspur, HP                                                                                                       | Online   |
| 3.     | 21.11.2023 | Public Awareness Programme and prize distribution to winners of E Slogan & E Poster competition in Reception area of B block, AIIMS, Bilaspur, HP | Physical |
| 4.     | 22.11.2023 | Community Awareness Programme in Nai Sarli Village, Kothipura Panchayat, Bilaspur, HP                                                             | Physical |
| 5.     | 22.11.2023 | Community Awareness Programme in Parohi Village, Rajpura Panchayat, Bilaspur, HP                                                                  | Physical |

## DEPARTMENT OF NEPHROLOGY

### Faculty

| S. No. | Name               | Designation      | Date of Joining |
|--------|--------------------|------------------|-----------------|
| 1      | Dr. Sanjay Vikrant | Professor & Head | 21.11.2020      |

### About the Department

The department of Nephrology started at the AIIMS Bilaspur with joining of faculty on November 21, 2020.

**Patient care Services:** Routine and emergency care for kidney patients as out-patient and in-patient basis. Dialysis Unit was made operational with inauguration of the AIIMS Bilaspur by the Hon'ble PM Shri Narendra Modi on October 05, 2022. Nephrology OPD held three days a week. Vascular access procedures placement of temporary and tunneled hemodialysis catheters, arteriovenous fistulas and kidney biopsy was started.

Clinical work done during the period is: Total OPD attendance 4266, IPD 570, Hemodialysis 2189, SLED 38, SCUF 14, CRRT 2, CAPD 1, Temporary HD catheter insertions for HD 476, Tunnelled HD catheter placement 73, AV Fistulas = 80, Kidney Biopsy 120.

### Teaching and Training:

*Undergraduate Teaching:* Teaching of MBBS in Nephrology and Dialysis as per UG curriculum

*Post graduate Teaching:* Rotational training in Nephrology of postgraduate students of Medicine, Paediatrics, and Pathology.

*Post Doctoral Teaching:* DM (Nephrology) training course approved from 2024.

*Course for paramedical sciences:* B.Sc. Dialysis Therapy Technology course with annual intake of five students was started in November 2022. 2<sup>nd</sup> Batch admitted during the year.

**Research:** Areas of research: Tropical AKI, CKD, Glomerulonephritis and Vasculitis, Renal stone disease, ADPKD, Hypertension, Diabetic Kidney Disease, Electrolyte and acid-base disorders, Critical Care Nephrology, Peritoneal dialysis, Hemodialysis, Kidney Transplantation, and High-Altitude Medicine.

### Research

| S. No. | Title of the Project                                                                                                                                | Name (Role)             | Extramural/ Intramural/ Self funded                          | Duration (Yrs) | Status (Ongoing/ Completed) | Total funds sanctioned (Rs.) |
|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|--------------------------------------------------------------|----------------|-----------------------------|------------------------------|
| 1      | Pesticide exposure and chronic kidney disease of undetermined aetiology (CKDu) among people living on agriculture in the State of Himachal Pradesh. | PI - Dr. Sanjay Vikrant | Extramural (HP Council of Science, Technology & Environment) |                | Ongoing                     |                              |
| 2.     | Allopurinol for CVD in CKD (AvoiD-CKD): A double blind, randomized controlled trial, a multi centric trial.                                         | PI - Dr. Sanjay Vikrant | Extramural (DBT- Wellcome Trust India Alliance)              |                | Ongoing                     |                              |

|    |                                                                                                                                                                                                                                                                              |                         |                       |  |         |  |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|-----------------------|--|---------|--|
|    |                                                                                                                                                                                                                                                                              |                         | Multicentric project) |  |         |  |
| 3. | Indian Translational Glomerulonephritis Biology network (I-TANGIBLE). Multi-Centric ICMR study George Institute, New Delhi.                                                                                                                                                  | PI - Dr. Sanjay Vikrant | Extramural            |  | Ongoing |  |
| 4. | EASi-KIDNEY- A multicentre international randomized double-blind placebo-controlled clinical trial of the aldosterone synthase inhibitor + SGLT2 inhibitor empagliflozin in patients with CKD. Coordinated globally by the University of Oxford & George Institute in India. | PI - Dr. Sanjay Vikrant | Extramural            |  | Ongoing |  |

## Publications

1. Jaryal A, Sidhu N, Vikrant S. Symptomatic Bradycardia Post Rituximab Infusion. Indian J Nephrol. 2024;34(2):207.
2. Yadav K, Ramachandran R, Kumar V, et al. Indian TrANslational GlomerulonephrItis BioLogY nEtwork (I-TANGIBLE): Design and Methods. Indian J Nephrol. 2023;33(4):277-282.
3. Jaryal, A, Vikrant S, Kumar B, Sharma K, Chander K, Chandel S. Verma. An Unusual Presentation of Vitamin B-12 Deficiency: Acute Diarrhoea and A Dialysis Requiring Acute Kidney Injury. Tropical Gastroenterology 2024; 45 (1): 1-4
4. Hypothyroidism related kidney disease - A report of 2 cases.” Accepted for publication in Indian Journal of Nephrology.

## Awards, Honors and Significant Achievements

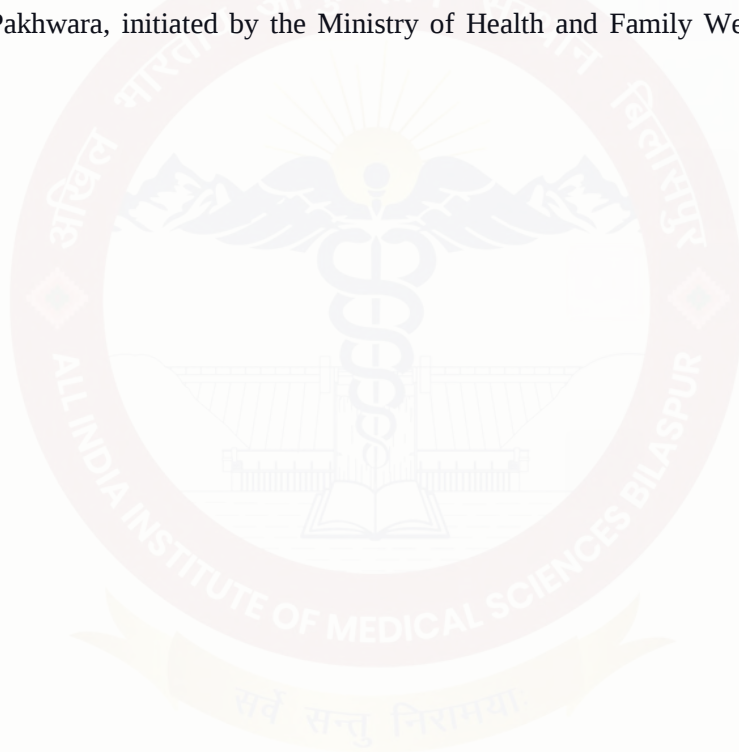
### Dr. Sanjay Vikrant

1. 10<sup>th</sup> Asia-Pacific Chapter Meeting of International Society of Peritoneal Dialysis (APCM-ISPD) held in New Delhi 22-24<sup>th</sup> September 2023: Sessions Chaired.
2. 53<sup>rd</sup> Annual Conference of Indian Society of Nephrology (ISNCON-2023) held in Kolkata December 14-17, 2023: Sessions Chaired.

3. Annual Conference of Indian Society of Nephrology North Zone Chapter held in Chandigarh (NZ-ISNCON-2024) February 23-25, 2024: Sessions Chaired.
4. External Examiner-Thesis Evaluation DM Nephrology PGIMER Chandigarh April 2023.
5. External Examiner-Thesis Evaluation DNB Nephrology National Board of Examination June-July 2023.
6. Paper setter for DM Nephrology Examination Nov/December 2023 of BFUHS Faridkot.
7. External Examiner for Theory and Practical Examination for Annual DM Nephrology Examination of BFUHS Faridkot held in January 2024.

### **Community service:**

1. The Department of Nephrology and Society for Kidney Care celebrated World Kidney 2024 on March 14, 2024, to raise CKD awareness among healthcare staff and patients.
2. World Hypertension Day was celebrated on May 18, 2023, in collaboration with the Department of General Medicine, a powerful event that inspired and motivated us all.
3. Organ Donation: An awareness meeting was held on September 27, 2023, during the 'Ayushman Bhav' Seva Pakhwara, initiated by the Ministry of Health and Family Welfare, Government of India,



## DEPARTMENT OF NEUROLOGY

### Faculty

| S. No. | Name             | Designation          | Date of Joining                 |
|--------|------------------|----------------------|---------------------------------|
| 1.     | Dr Ashish Sharma | Additional Professor | 14.06.2022                      |
|        |                  | Associate Professor  | 23.11.2020<br>(Upto 13.06.2022) |

### About the Department

Currently Neurology department has a single faculty, Additional Professor and one Nursing officer Grade II. The department is providing consultation to patients twice weekly through e-Sanjeevani platform and three times a week through physical OPD. The department plans to provide therapeutic services to patients like Dedicated Sub-specialty clinics (e.g. Headache/Epilepsy/ Stroke/ Movement Disorders/Cognitive & Behaviour Neurology/Neuro-Immunology), Dedicated Emergency response teams for specific Neurological Emergencies e.g. Stroke Response Team and diagnostic services like EEG/ ENMG-NCS & EMG/ EPs/ TCD/ Basic rTMS/ Day care procedures, Inpatient lab services (3): EMU-

vEEG/ Sleep Lab-PSG/ Advanced rTMS. The department has been actively involved in undergraduate teaching in foundation course and AETCOM. The department will start Post-doctoral course (DM Neurology). The department also plans to establish Departmental Board of studies for engaging eminent faculties of other institutes as visiting faculties. Short Term clinical observer ship will be provided for interested medical students & medical professionals. The faculty is actively involved in research and has many funded projects with it. The department has been actively involved in Outreach camps and community awareness activities.

### Research

| S. No. | Title of the Project                                                                                                        | Name (Role)          | Extramural/ Intramural / Self funded      | Duration (Yrs) | Status (Ongoing/ Complete) | Total funds sanctioned (Rs.) |
|--------|-----------------------------------------------------------------------------------------------------------------------------|----------------------|-------------------------------------------|----------------|----------------------------|------------------------------|
| 1.     | Autonomic Function Test's in Parkinson Disease, Diabetes Mellitus & Migraine patients(Three Projects): 40/23, 41/23 & 42/23 | PI: Dr Ashish Sharma | Unfunded (Investigator Initiated Project) | 3Yrs           | Ongoing                    | NA                           |
| 2.     | Yoga Modules in Migraine, Parkinson Disease & Functional Neurological Disorders(Three Projects): 43/23, 44/23, 45/23        | PI: Dr Ashish Sharma | Unfunded (Investigator Initiated Project) | 3Yrs           | Ongoing                    | NA                           |

|    |                                                                                                                                                                                                              |                        |                                           |      |         |                                           |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-------------------------------------------|------|---------|-------------------------------------------|
| 3. | Investigator-initiated Implementation Research for Non-Communicable Diseases (NCD) Screening in Healthy Attendants of Neurology OPD Patients                                                                 | PI: Dr Ashish Sharma   | Unfunded (Investigator Initiated Project) | -    | Ongoing | NA                                        |
| 4. | Fever, hyperglycemia, swallowing and hypertension management in acute stroke: A cluster randomized controlled trial (Indian Quality Improvement in Stroke Care study) FeSSH/InQuIST: SWG/Neuro/35/2018-NCD-I | Co-I: Dr Ashish Sharma | Extramural (DHR)                          | 4Yrs | Ongoing | 17,85,250/-                               |
| 5. | Blood Biobank stroke & controls/patient (Arm of FeSSH/InQuIST)                                                                                                                                               | Co-I: Dr Ashish Sharma | Extramural (DHR)                          | 4Yrs | Ongoing | -                                         |
| 6. | Smartphone based Tele stroke Vs 'Stroke Physician' led Acute Stroke Management (SMART INDIA): A cluster randomized trial                                                                                     | Co-I: Dr Ashish Sharma | Extramural (DHR)                          | 2Yrs | Ongoing | 4,92,340/-                                |
| 7. | Establishment of the Indian Stroke Clinical Trial Network Phase II (INSTRuCT Network Phase II)                                                                                                               | Co-I: Dr Ashish Sharma | Extramural (ICMR)                         | NA   | Ongoing | 4,11,600/Yr                               |
| 8. | Indian Trial of Tranexamic acid in Spontaneous intracerebral hemorrhage (INTRINSIC TRIAL)                                                                                                                    | Co-I: Dr Ashish Sharma | Extramural (ICMR)                         | 4Yrs | Ongoing | 5,76,800/-                                |
| 9. | Development of Hospital Based Stroke Registries (HBSR) under National Stroke Registry Programme of ICMR-NCDIR, Bengaluru                                                                                     | Co-I: Dr Ashish Sharma | Extramural (ICMR-NCDIR)                   | NA   | Ongoing | None (Technical Support will be provided) |

|     |                                                                                                                                                                                                                                                                                        |                        |                                                                 |      |         |             |
|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-----------------------------------------------------------------|------|---------|-------------|
| 10. | STENOSIS: Long term Single versus Dual Antiplatelet Therapy In Patients With Ischemic Stroke due to Intracranial Atherosclerotic Disease: A Randomized Trial.                                                                                                                          | Co-I: Dr Ashish Sharma | Extramural (ICMR)                                               | 3Yrs | Ongoing | 5,58,672/-  |
| 11. | IMPETUS: Implementation of an Evaluation and Treatment Package for Uniform Stroke Care and outcomes in the Medical Colleges. An observational and Implementation research study.                                                                                                       | Co-I: Dr Ashish Sharma | Extramural (ICMR)                                               | 3Yrs | Ongoing | 2,69,336/-  |
| 12. | Study of neurophysiological & biochemical parameters in hypothyroid patients of hilly regions of Himachal Pradesh (Approved by ICMR for Ad-hoc project under extramural research programme for year 2021 vide notification number BMI/e-PMS/Adhoc & fellowships/2021/02 Dated 28-3-22) | Co-I: Dr Ashish Sharma | Extramural (ICMR)                                               | 3Yrs | Ongoing | 19,64,880/- |
| 13. | "Deciphering molecular efficacy of repetitive transcranial magnetic stimulation (rTMS) in treating dementia in low vs Himalayan high-landers"                                                                                                                                          | Co-I: Dr Ashish Sharma | Extramural (SERB)<br>File No. SPG/2022/000744<br>Dated 27-12-22 | -    | Ongoing |             |
| 14. | "A randomized double blind study of prophylactic Levetiracetam for the prevention of post stroke seizures (PROLEVIS)- Investigator Initiated Academic Trial": <b>(Two projects: Ischemic Stroke</b>                                                                                    | Co-I: Dr Ashish Sharma | Extramural (ICMR)                                               | 3Yrs | Ongoing | 2,21,000/Yr |

|     |                                                                                                                                                                                                                                |                        |                                           |      |         |                    |
|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-------------------------------------------|------|---------|--------------------|
|     | arm & Hemorrhagic stroke arm)                                                                                                                                                                                                  |                        |                                           |      |         |                    |
| 15. | “Prevention of Post-Stroke seizures with Levetiracetam in Intracranial Cerebral Venous Sinus Thrombosis (PROLEVIS-CVT):A Randomized Placebo-Controlled Trial”(Two projects: Primary Prevention arm & Secondary Prevention arm) | Co-I: Dr Ashish Sharma | -                                         | -    | Ongoing | -                  |
| 16. | Indian Multiple Sclerosis & allied Demyelinating Disorders Registry & Research Network(IMS RN)                                                                                                                                 | Co-I: Dr Ashish Sharma | Extramural (ICMR)                         | 5Yrs | Ongoing | 1500/- per patient |
| 17. | Comprehensive genetic analysis of PD patients in India                                                                                                                                                                         | Co-I: Dr Ashish Sharma | Extramural (MedGenome )                   | 1Yr  | -       | 2000/-per patient  |
| 18. | NATIONAL APHASIA COMMUNITY PROJECT: Part of Expert Group Team                                                                                                                                                                  | Co-I: Dr Ashish Sharma | Volunteer Initiated Project               | NA   | -       | NA                 |
| 19. | Prevalence, clinical profile and diagnosis of patients presenting with vertigo at AIIMS, Bilaspur                                                                                                                              | Co-I: Dr Ashish Sharma | Unfunded (Investigator Initiated Project) | 2Yrs | Ongoing | NA                 |

## Publications

- Sharma A, Sharma A, Chauhan R. Spirometric Lung Functions in Type 2 Diabetes Mellitus: A Hospital-Based Study. Cureus 15(5): e38919. DOI 10.7759/cureus.38919
- Sharma A, Deo A, Sharma A, Kumar D, Gupta P, Cheema M. Assessment of Prognosis of Dental Implants in Diabetic Patients: A Clinical Study. Journal of Pharmacy and Bioallied Sciences. 2023 Jul 1;15(Suppl 2):S920-2.
- Thakur S, Sharma A, Kaushal S, Sharma A, Sharma N, Thakur PS. Comparison of Clonidine with Bupivacaine vs Plain Bupivacaine in Transversus Abdominis Plane (TAP) Block in Women Undergoing Cesarean Delivery Under Spinal Anesthesia: Randomized Clinical Trial. Journal of Pharmacy and Bioallied Sciences. 2023 Jul 1;15(Suppl 1):S299-302.

## DEPARTMENT OF NEUROSURGERY

### Faculty

| S. No. | Name                   | Designation         | Date of Joining |
|--------|------------------------|---------------------|-----------------|
| 1.     | Dr. Arjun Dhar         | Assistant Professor | 07.09.2022      |
| 2.     | Dr. Bhanu Pratap Singh | Assistant Professor | 10.01.2024      |

### About the Department

The department of Neurosurgery AIIMS Bilaspur, H.P., was established as part of PMSSY-V with the aim of providing world class Neurosurgical Patient Care Services to cater to the end user living in the remotest locations of the state.

**Patient Care Services:** Since its inception, the Department has embarked on a journey of transforming into a Neurosurgical Center catering to all major domains of Neurosurgery. The department has successfully operated more than 100 Neurosurgery Cases, the scope of which includes Brain Tumors (Gliomas, Meningiomas) Spinal Cord Tumors (Schwannomas, Meningiomas), Brain Aneurysms, Traumatic Brain and Spinal Injuries, Degenerative and Congenital disorders of Spine. Being a nascent Super-specialty Surgical Branch, the infrastructure (instruments, equipment, tools) for catering to above surgical cases are procured on loan basis till the final procurement by the

Institute. Besides, the Department has been rendering 24x7 Emergency Services with the support and inclusion of Senior Residents in the Department.

The procurement of necessary infrastructure (essential operative neurosurgical equipment and tools) is still underway.

**Academic Courses:** On getting the necessary infrastructure (essential operative neurosurgical equipment and tools) and the faculty the Department proposes to start Post-doctoral Super-specialty Residency program and full-fledged departmental activities. In this direction a draft 6-Year MCh. Neurosurgical Curriculum has already been submitted to the Institute.

### Future Plans:

After the necessary infrastructure is in place, the Department proposes to initiate short term Programmes / Fellowships / Hands-on Workshops for the practicing Neurosurgeons in specific areas.

### Publications

1. Shah A; **Dhar A**; Prasad A; Goel A, 2. 3-D Printed Skull Model: Role in Identification of Site of Bone Defect in Cases with CSF Rhinorrhea. Neurology India 72(2):p 391-394, Mar 2024.

### Awards, Honors, Significant Achievements

#### Dr Arjun Dhar

1. Invited to deliver Visiting Faculty Talk at the Mayo Clinic Rochester, Minnesota, USA titled "Global Neurosurgery Series: Inception of a new Academic Institution in India- Personal Reflections".
2. Awarded qualifying certification in Good Clinical Practices from AIIMS New Delhi during National Workshop on Good Clinical Practices 17-18 Sept 2023.

## DEPT OF OBSTETRICS AND GYNECOLOGY

### Faculty

| S. No. | Name                    | Designation                 | Date of Joining |
|--------|-------------------------|-----------------------------|-----------------|
| 1.     | Dr Poojan Dogra Marwaha | Additional Professor & Head | 26.06.2022      |
| 2.     | Dr Harpreet Kaur        | Associate Professor         | 20.11.2020      |
| 3.     | Dr Chanderdeep Sharma   | Associate Professor         | 14.06.2022      |
| 4.     | Dr Nisha Malik          | Assistant Professor         | 05.02.2021      |
| 5.     | Dr Sushruti Kaushal     | Assistant Professor         | 28.11.2020      |
| 6.     | Dr Asmita Kaundal       | Assistant Professor         | 11.12.2020      |

### About the Department

The Department of Obstetrics and Gynecology at AIIMS Bilaspur is dedicated to advancing women's health through comprehensive clinical care, innovative research, and exceptional education. As a leading institution in the region, our department plays a pivotal role in addressing the diverse and evolving needs of our patients, fostering a supportive and inclusive environment for both learning and healing.

#### Vision

Our vision is to be a beacon of excellence in women's health care, setting new standards for patient outcomes, educational advancement, and research innovation. We strive to be a premier center for obstetrics and gynecology, renowned for our commitment to compassionate care, cutting-edge practices, and a collaborative approach to improving the health and well-being of women across all stages of life.

#### Mission

Our mission is to provide exceptional care in obstetrics and gynecology by delivering patient-centered services, fostering a culture of academic and clinical excellence, and conducting pioneering research. We are committed to enhancing the quality of life for women through evidence-based practices, personalized treatment plans, and a holistic approach to health. We also aim to cultivate the next generation of healthcare professionals by offering outstanding educational opportunities and training.

#### Patient Care Services

The Department of Obstetrics and Gynecology at AIIMS Bilaspur offers a comprehensive range of services to address the full spectrum of women's health needs. Our patient care services include:

- **Obstetric Care:** Comprehensive prenatal, delivery, and postnatal care, including high-risk pregnancy management and support.
- **Gynecological Services:** Diagnosis and treatment of a variety of conditions such as menstrual disorders, pelvic pain, and **gynecological cancers**.
- **Fertility Services** to support family planning and management of infertility.
- **Minimally Invasive Surgery:** State-of-the-art laparoscopic surgical options for various gynecological conditions.
- **Preventive Care:** Regular screenings, vaccinations, and health education to promote wellness and early detection of potential issues.

#### Academic Courses

Our department is dedicated to providing exceptional educational experiences for medical students, residents, and fellows. Academic offerings include:

- **Undergraduate Medical Education:** A comprehensive curriculum integrating theoretical knowledge with hands-on clinical experience in obstetrics and gynecology.
- **Postgraduate Residency Program:** An intensive training program that equips residents with the skills and knowledge

required for expert practice in obstetrics and gynecology.

- **Continuing Medical Education (CME):** Workshops, seminars, and conferences to keep healthcare professionals updated on the latest advancements and best practices in the field.

## Future Plans

Looking ahead, the Department of Obstetrics and Gynecology at AIIMS Bilaspur is focused on several key initiatives to further enhance our impact:

- **Expansion of Services:** Introducing new specialty clinics and expanding existing services to better meet the needs of our diverse patient population.

- **MCh and Fellowship Programs:** Specialized training in areas such as gynecologic oncology, maternal-fetal medicine and reproductive endocrinology will be started for advanced professional development.
- **Research Initiatives:** Increasing our research output with a focus on innovative treatments and preventive measures in women's health.
- **Community Outreach:** Developing programs to improve access to care and education for underserved communities.
- **Collaboration:** Building partnerships with leading institutions and participating in research and educational exchanges to stay at the forefront of medical advancements.

## CMEs/Workshop/Symposia/National & International Conferences Organised

1. Stillbirth Society of India Webinar on Intrahepatic Cholestasis of Pregnancy- 23<sup>rd</sup> Feb 2024.

## Lectures Delivered/Papers or Posters Presented at CMEs /National & International Conferences

| S. No. | Name of the faculty | Title of Lecture/ Paper/ Poster                                                                                         | CME/ Conference                                    | Date                                           | Organizer & Venue  |
|--------|---------------------|-------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|------------------------------------------------|--------------------|
| 1.     | Dr Harpreet Kaur    | Quality check in studies- ROB in systematic reviews"                                                                    | Fertivision - The National Conference of IFS       | 08/12/2023                                     | IFS, New Delhi     |
| 2.     | Dr Nisha Malik      | E-poster on "Successful management of ruptured ovarian ectopic pregnancies diagnosed intraoperatively                   | National Conference of stillbirth society of India | 13 <sup>th</sup> August, 2023                  | PGIMER Chandigarh. |
| 3.     | Dr Nisha Malik      | E-poster presentation on "Spontaneous perforation of pyometra with acute peritonitis in cervical cancer: a case report" | International Women Cancer Conference              | 1 <sup>st</sup> -3 <sup>rd</sup> December 2023 | PGIMER Chandigarh  |
| 4.     | Dr Sushruti Kaushal | Preoperative oral carbohydrate-containing fluid versus plain water in elective cesarean deliveries                      | RCOG world congress                                | 12-14 June 20                                  | RCOG               |

|    |                   |                                                                   |                                                                                        |            |                |
|----|-------------------|-------------------------------------------------------------------|----------------------------------------------------------------------------------------|------------|----------------|
| 5. | Dr Asmita Kaundal | Pyopertoneum: An unusual presentation of advanced cervical cancer | Pre-congress workshop & first National Conference (Preventing preventable stillbirths) | 13/08/2023 | PGI Chandigarh |
|----|-------------------|-------------------------------------------------------------------|----------------------------------------------------------------------------------------|------------|----------------|

## Research

| S. No. | Title of the Project                                                                                                                              | Name (Role)                                                                 | Extramural/ Intramural/ Self funded | Duration (Yrs) | Status (Ongoing/ Completed) | Total funds sanctioned (Rs.) |
|--------|---------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|-------------------------------------|----------------|-----------------------------|------------------------------|
| 1.     | Lateral Placental Location as a predictor of adverse foeto-maternal outcome: An Observational Study                                               | PI: Dr Poojan Dogra Marwaha<br>Co-I: Dr Sushruti, Dr Asmita                 | Self-funded                         |                | Ongoing                     | NA                           |
| 2.     | Prevalence of female genital tuberculosis in attending gynecological OPD in a tertiary care centre of Himachal Pradesh<br>IEC 5/23 dt. 11/02/2023 | PI: Dr Poojan Dogra Marwaha<br>Co-I: Dr Asmita, Dr Sushruti                 | Self-funded                         |                | Ongoing                     | NA                           |
| 3.     | Sublingual misoprostol versus intracervical Foley's followed by misoprostol for labour induction : A randomized controlled trial<br>IEC 23/22     | PI: Dr Poojan Dogra Marwaha<br>Co-I: Dr Nisha Malik, Dr Sushruti, Dr Asmita | Self-funded                         |                | Ongoing                     | NA                           |
| 4.     | Knowledge, attitude and practice towards cervical cancer among women attending tertiary care centre of Himachal Pradesh<br>IEC 23/23 dt. 11/02/23 | PI: Dr Poojan Dogra Marwaha<br>Co-I: Dr Nisha Malik, Dr Sushruti, Dr Asmita | Self-funded                         |                | Ongoing                     | NA                           |
| 5.     | Routine screening of antenatal women for pulmonary tuberculosis                                                                                   | PI: Dr Poojan Dogra Marwaha                                                 | Self-funded                         |                |                             | NA                           |

|     |                                                                                                                                                                                     |                                                     |             |                                |           |                                      |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|-------------|--------------------------------|-----------|--------------------------------------|
|     | to assess prevalence of TB and Rifampicin resistance in antenatal women in sub-Himalayan region of Bilaspur, Himachal Pradesh using TRUNAT IEC 21/23 dt. 11/02/23                   | Co-I: Dr Sushruti, Dr Asmita                        |             |                                |           |                                      |
| 6.  | Feasibility of Community cervical cancer Screening program based on home based HPV self-sampling in a hilly region of North India: A mixed method Study IEC dt. 11/02/23            | PI: Dr Poojan Dogra<br>Marwaha Co-I: Dr Asmita      | Self-funded |                                |           | NA                                   |
| 7.  | The study of novel serum biomarker soluble fms-like tyrosine kinase-1 / placental growth factor for early prediction of pre-eclampsia IEC dt. 13/3/2023                             | PI: Dr Harpreet Kaur                                | Extramural  | 3Yrs                           | Ongoing   | 34,96,232/-                          |
| 8.  | Clinico-metabolic profile of PCOS in the Sub-Himalayan region of North India- A prospective Study                                                                                   | PI: Dr Harpreet Kaur<br>Co-I: Dr Chanderdeep Sharma | Extramural  | Till completion of sample size | Ongoing   | 4,99,550/-                           |
| 9.  | 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 | PI: Dr. Harpreet Kaur                               | Extramural  | Till completion of sample size | Ongoing   | 98,820/-<br>(Received in FY 2023-24) |
| 10. | To know the Prevalence and risk                                                                                                                                                     | Co-I: Dr. Harpreet Kaur                             | Extramural  |                                | Completed | 2,50,000/-                           |

|     |                                                                                                                                                                           |                                          |             |      |           |             |
|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|-------------|------|-----------|-------------|
|     | factors of Postpartum psychiatric illness in a Bilaspur District of Himachal Pradesh: A community-based cross-sectional study                                             |                                          |             |      |           |             |
| 11. | Spectrum of Abnormal Uterine bleeding in women of hilly regions of North India: Clinico-demographic profile and management options                                        | PI: Dr. Harpreet Kaur                    | Non funded  |      | Completed | NA          |
| 12. | IM-FInE (Indian Male Factor Infertility Evaluation): An All-India Multicentric Survey                                                                                     | PI: Dr. Harpreet Kaur                    | Non funded  |      | Ongoing   | NA          |
| 13. | Trend analysis of caesarean section rate according to Robson's Criteria at AIIMS, Bilaspur: Prospective Study                                                             | PI: Harpreet Kaur                        | Non funded  |      | Completed | NA          |
| 14. | Sequential versus simultaneous use of high volume Foleys catheter and misoprostol for induction of labour- A randomized control trial<br>IEC 65/23 dt 05/08/23            | PI: Dr Chanderdeep Sharma                | Self funded | 1Yr  | Ongoing   | NA          |
| 15. | A prospective observational study; incidence of surgical site infection after antibiotic prophylaxis with Cefazolin and Azithromycin in women undergoing Cesarean Section | PI: Dr Chanderdeep Sharma                | PG Thesis   | 1Yr  | Ongoing   | NA          |
| 16. | Estimate the prevalence of Iodine deficiency and investigate the                                                                                                          | PI: Dr Sushruti<br>Co-I: Dr Poojan Dogra | Extramural  | 3Yrs | Ongoing   | 29,04,762/- |

|     |                                                                                                                                                                                            |                                                                             |            |      |             |                         |
|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|------------|------|-------------|-------------------------|
|     | association between thyroid autoimmunity during pregnancy in a tribal area of Himachal Pradesh<br>IEC 30/22                                                                                | Marwaha, Dr Harpreet Kaur, Dr Chandarseep Sharma, Dr Nisha Malik, Dr Asmita |            |      |             |                         |
| 17. | Investigate the association between iodine status & thyroid function during pregnancy in an iodine-deficient area of Himachal Pradesh<br>IEC 2/22                                          | PI: Dr Sushruti                                                             | Non funded | 3Yrs | Ongoing     | NA                      |
| 18. | Estimating the prevalence of Nonalcoholic fatty liver disease (NAFLD) during pregnancy and studying NAFLD as a risk factor for stillbirth                                                  | PI: Dr Sushruti<br>Co-I: Dr Poojan Dogra Marwaha                            | Intramural | 2Yrs | Ongoing     | NA                      |
| 19. | Implementation of Standardized Still birth Screening Module based on Clinical and ultrasound parameters in rural and semi-urban setting – A multicentric study<br>IEC 03/23 dt. 11/02/2023 | PI: Dr Asmita<br>Co-I: Dr Poojan Dogra Marwaha                              | Extramural | 2Yrs | To Commence | Equipment (USG machine) |
| 20. | Triaging of low-risk mothers in the third trimester for the diagnosis of high risk fetus and prevention of stillbirth: A randomized controlled trail<br>IEC 04/23 dt. 11/02/2023           | PI: Dr Asmita<br>Co-I: Dr Poojan Dogra Marwaha                              | Non funded | 2Yrs | To commence | NA                      |
| 21. | A randomized controlled study comparing PGE2 with                                                                                                                                          | PI: Dr Nisha Malik                                                          | Non funded |      | Ongoing     | NA                      |

|     |                                                                                            |                                                                              |            |  |         |    |
|-----|--------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|------------|--|---------|----|
|     | or without mifepristone for induction of labor IEC 33/22 dt. 11/02/2023                    | Co-I: Dr Poojan Dogra Marwaha, Dr Chanderdeep Sharma, Dr Sushruti, Dr Asmita |            |  |         |    |
| 22. | Establishment of Hospital based STI Surveillance Network in India                          | Co-I: Dr Harpreet Kaur, Dr Sushruti, Dr Asmita                               | Extramural |  |         |    |
| 23. | Frozen section Vs Scrape cytology in intraoperative consultation- A comparative analysis   | Co-I: Dr Chanderdeep Sharma                                                  | Non funded |  | Ongoing | NA |
| 24. | Comparative analysis of Plasma thrombin and sodium alginate cell block in serous effusions | Co-I: Dr Chanderdeep Sharma                                                  | Non funded |  | Ongoing | NA |

## Publications

1. Marwaha PD, Kaundal A, Bhavna, Malik N, Kaushal S. Ovarian Torsion in a Postmenopausal Woman: A Case Report and Review of Literature. J Menopausal Med. 2023 Dec;29(3):134-138. doi: 10.6118/jmm.23022. PMID: 38230597; PMCID: PMC10796202.
2. **Kaur H**, Sehgal A, Malik N, Kaushal and Kaundal A. Knowledge and practice of gynaecologists about Tdap and Influenza vaccination: A cross sectional study. Cureus 2023; DOI: 10.7759/cureus.40037. PMID- 37425540. **(Pubmed)**
3. Mangla M, Rahiman E, **Kaur H** and Kanikaram P. Gestational trophoblastic neoplasia with concurrent metastasis to the mother and child: A systematic literature review. JTGGA, 2023 **(Pubmed)**
4. **Kaur H**, Chuhan A, Mascarenhas M. Does SARS Cov-2 infection affect the IVF outcome- A systematic Review and meta-analysis. EJOG 2024(292):147-57. **(Pubmed)**
5. Mangla M, Palo S, Kanikaran P, **Kaur H**. Non-gestational choriocarcinoma: unraveling the similarities and distinctions from its gestational counterpart. Int J Gyne Cancer 2023, 0:1–9. doi:10.1136/ijgc-2023-004906 **(Pubmed)**
6. **Kaur H**, Singh N, Bharti S, Kaur G. Exploring the unusual: a testosterone-secreting ovarian tumor. Autops Case Rep [Internet]. 2024;14:e2024478. **(Pubmed)** <https://doi.org/10.4322/acr.2024.478>
7. **Kaur H**, Meenu M, Pandey S, Chauhan A, Mangla M. Role of platelet-rich plasma in unexplained recurrent implantation failure –A systematic review and meta-analysis of randomised control trials. J Hum Reprod Sci 2024;17:2-15. **(Pubmed)**
8. Singh R, Bharti S, **Kaur H**, Yadav SK. Umbilical endometriosis in a surgically naïve multiparous young female. J Mid-life Health 2024;15:36-8. **(Pubmed)**

9. Sharma C, Jaryal S, Soni A. Foley catheter (80 vs 60 mL) and misoprostol for labor induction in nulliparous women: a randomized controlled trial. *Am J Obstet Gynecol MFM*. 2023 Aug;5(8):101026. doi: 10.1016/j.ajogmf.2023.101026. PMID: 37211088.
10. Sharma C, Sharma S, Soni A. Subcuticular skin closure at cesarean delivery with poliglecaprone-25 vs polyglactin-910: a randomized controlled trial. *Am J Obstet Gynecol MFM*. 2024 Feb;6(2):101256. doi: 10.1016/j.ajogmf.2023.101256. PMID: 38109995
11. Sharma C, Dadhwal A, Soni A. A randomized controlled trial comparing combined medical and mechanical method for early mid-trimester abortion (13-20 weeks). *Int J Gynaecol Obstet*. 2023 May;161(2):624-630. doi: 10.1002/ijgo.14616. PMID: 36495245.
12. Mittal S, Gupta A, Sharma C, Dhatwalia P, Mittal R. A comparative study on the effect of intravenous Ringer lactate at 125 ml/hour versus 250 ml/hour on the duration of labour in nulliparous pregnant women. *Int J Reprod Contracept Obstet Gynecol* 2023;12:711-5
13. Manupriya Sharma, Renu Singh, Poojan Marwaha, Deychen Myes, Nisha Malik. Xanthogranulomatous Salpingo-Oophoritis as a Rare Presentation in Pelvic Inflammatory Disease. 2024 Sharma et al. *Cureus* 16(2): e53693. DOI 10.7759/cureus.53693
14. Bharti S, Sharma M, Malik N, Myes D, Marwaha P.. (March 22, 2024) Primary Ovarian Pregnancy: A Case Report With a Review of the Literature. *Cureus* 16(3): e56688. DOI 10.7759/cureus.56688
15. Thakur S, Sharma A, **Kaushal S\***, Sharma A, Sharma N, Thakur PS. Comparison of clonidine with bupivacaine vs plain bupivacaine in transversus abdominis plane (TAP) block in women undergoing cesarean delivery under spinal anesthesia: Randomized clinical trial. *J Pharm Bioall Sci* 2023;15:S299-302. DOI: 10.4103/jpbs.jpbs\_474\_22
16. Kacchawa G, Kaundal A, Kulshreshtha V, Seth D, Kriplani A, Sreenivas V. Awareness regarding Medicolegal aspects of Medical Services among reproductive age women: A Population based cross-sectional study. *Cureus*. 2023.15(11):e49360. doi:10.7759/cureus.49360
17. Kaur H, Sehgal A, Malik M, Kaushal S, Kaundal A. Knowledge and practice of Gynecologists about Tdap and influenza vaccination: A cross-sectional study. *Cureus*.2023.15(6):e40037. Doi:10.7759/cureus.40037

### Chapter(s) in Book

| S. No. | Author(s)        | Chapter                              | Name of the Editor           | Title of the Book                                   | Publication Details (Edition, Year, Publisher) |
|--------|------------------|--------------------------------------|------------------------------|-----------------------------------------------------|------------------------------------------------|
| 1      | Dr Harpreet Kaur | Work up of a case of amenorrhea      | Kamini A Rao & Harpreet Kaur | Algorithms in infertility and Reproductive Medicine | 2023, Jaypee Publishers, New Delhi             |
| 3      | Dr Harpreet Kaur | Fertility and ART in cardiac disease |                              | Fertility and ART in Medical disorders              | 2024, Jaypee Publishers, New Delhi             |
| 4      | Dr Harpreet Kaur | ART Manual                           |                              | Luteal phase support in Assisted Reproduction       | 2024, Jaypee Publishers, New Delhi.            |
| 5      | Dr Harpreet Kaur | Couple age and gamete aneuploidy     |                              | Handbook of IVF                                     | 2024, Jaypee Publishers, New Delhi.            |

|   |                  |                                                                           |  |                                 |                           |
|---|------------------|---------------------------------------------------------------------------|--|---------------------------------|---------------------------|
| 6 | Dr Harpreet Kaur | Epithelial and Fallopian tube Cancer: Updates in diagnosis and management |  | Updates in Gynecology Oncology, | 2024 Evangel Publications |
|---|------------------|---------------------------------------------------------------------------|--|---------------------------------|---------------------------|

## Community Service

### Dr Harpreet Kaur

1. Newspaper article on January 2024- Cervical cancer and HPV vaccination awareness 28/01/2023
2. Health Awareness talk on HPV vaccination at Navodaya Vidyalaya Bilaspur on 25/01/2024

### Dr Asmita

1. Multi speciality camp at Gumarwin 19/01/2024
2. TOT VIA Screening for cervical cancer screening at Markand on 20/07/2024.



## DEPARTMENT OF OPHTHALMOLOGY

### Faculty

| S. No. | Name               | Designation         | Date of Joining |
|--------|--------------------|---------------------|-----------------|
| 1.     | Dr. Neelam Verma   | Associate Professor | 22.09.2023      |
| 2.     | Dr. Nripen Gaur    | Assistant Professor | 19.11.2020      |
| 3.     | Dr. Vibhuti Mittal | Assistant Professor | 04.10.2023      |

### About the Department:

- The Department of Ophthalmology is presently giving OPD services, where 70-80 patients are seen daily.
- The Department offers diagnostic services like OCT, Fundus camera, Bscan, NdYag laser etc. for the proper diagnosis and management of various corneal diseases, glaucoma and retinal diseases.
- The process of establishing the Eye bank is on the way.
- Procurement is ongoing to start surgical services at the earliest.
- Post-graduation course started in January 2024.

### Vision:

- To become the Centre of Excellence in Ophthalmology by delivering and advancing excellence in training, research and clinical practices.
- To provide unbiased, affordable and quality healthcare to the people and community.

### Mission:

- To provide comprehensive eye services to the people.
- To educate, train and mentor the teachers, students, researchers and scientists.
- Lead in the delivery of the highest quality of patient care contributing to the eye care needs of society, our communities and

improving the health of individuals and populations locally and globally

### Patient Care Services:

- The Department of Ophthalmology is presently giving OPD services, where 70-80 patients are seen daily.
- The Department offers diagnostic services like OCT, Fundus camera, Bscan, NdYag laser etc. for the proper diagnosis and management of various corneal diseases, glaucoma and retinal diseases.

### Academic Courses:

- Post-graduation course started in January 2024.
- The department conducted MBBS exams in January 2024 and supplementary examination in May 2024 for the MBBS batch 2020.
- Research work is being contemplated and conceived for the academic growth of the faculty and students.

### Future Plans:

- To provide comprehensive, affordable and quality health care to the people.
- To set up a fully functional Eye bank.
- To start specialty clinics in the department that will cater to the growing need of the patients.
- To deliver excellence in training, research and clinical practices.

## Lectures Delivered/Papers or Posters Presented at CMEs /National & International Conferences

| S. No. | Name of the faculty | Title of Lecture/ Paper/ Poster                                              | CME/ Conference                                                  | Date                | Organizer & Venue                                            |
|--------|---------------------|------------------------------------------------------------------------------|------------------------------------------------------------------|---------------------|--------------------------------------------------------------|
| 1.     | Dr. Nripen Gaur     | NAION Current Concepts                                                       | 5th Annual conference of Indian Neuro-Ophthalmology Society      | December 9-10, 2023 | International Institute of Information Technology, Hyderabad |
| 2.     | Dr. Nripen Gaur     | Central Serous Chorioretinopathy in a Patient of Dysthyroid Optic Neuropathy | 33rd Annual Conference of the Oculoplastics Association of India | October 20-22, 2023 | HICC-Novotel, Hyderabad                                      |
| 3.     | Dr. Nripen Gaur     | What's new in oculoplastic                                                   | 57th RP Centre Annual Foundation Day Celebration                 | February 2, 2024    | AIIMS, New Delhi                                             |

## Research

| S. No. | Title of the Project                                                             | Name (Role)           | Extramural/ Intramural/ Self-funded | Duration (Yrs) | Status (Ongoing/ Completed) | Total funds sanctioned (Rs.) |
|--------|----------------------------------------------------------------------------------|-----------------------|-------------------------------------|----------------|-----------------------------|------------------------------|
| 1.     | Prevalence of hypertension mediated target organ damage in hypertensive patients | Co-I: Dr. Nripen Gaur | Non funded                          | 2Yr            | Completed                   | NA                           |

## Publications

- Saini M, Singh U , Jain A Chaurasia S & Singh M & Saini K & Mehta Grewal A & **Gaur,N** & Gupta, P. (2024). Surgical adjustment of eyelid contour symmetry using three-point topography of the contralateral eyelid in unilateral congenital ptosis. JFO Open Ophthalmology. 5. 100086. 10.1016/j.jfop.2024.100086.
- Gaur, N.**, Takkar, B., Chandra, P., Puri, S., Satpathy, G., & Sharma, Y. R. (2024). Clinical Profile, Antibiotic Resistance and Outcomes in Bacterial Endophthalmitis: Coagulase-Negative Staphylococcus Endophthalmitis as Compared to Other Organisms. Cureus, 16(2), e53532.
- Lokdarshi, G., Sihag, P., Sen, S., & **Gaur, N.** (2024). Spontaneous radiological regression of optic nerve glioma in a child: A dilemma. Journal francais d'ophtalmologie, 47(2), 104028.
- G Lokdarshi, S Kumar, S Kumar, N Nitu, **N Gaur** Image-Guided Percutaneous Sclerotherapy for Orbital Low-Flow Malformation: Our Experience 2024

## Awards, Honors and Significant Achievements

### Dr. Nripen Gaur

- Indian Journal of Ophthalmology Reviewer Commendation Award for year 2023-2024

### Dr. Vibhuti Mittal

1. FAICO 2023 Cataract and Phaco at AIOS 2024 at Kolkata

### **Community Service**

1. The department celebrated the following days to raise awareness among the people.
  - World Sight Day on 12<sup>th</sup> October 2023
  - World Glaucoma Day on 12<sup>th</sup> March 2024
2. Participated in the multispecialty camps.



## DEPARTMENT OF ORTHOPAEDICS

### Faculty

| S. No. | Name                    | Designation         | Date of Joining |
|--------|-------------------------|---------------------|-----------------|
| 1.     | Dr. Ranjeet Choudhary   | Associate Professor | 01.08.2023      |
| 2.     | Dr. Gaurav Kumar Sharma | Assistant Professor | 08.12.2020      |
| 3.     | Dr. Ramesh              | Assistant Professor | 14.06.2022      |
| 4.     | Dr. Amit Salaria        | Assistant Professor | 29.06.2022      |
| 5.     | Dr. Devender            | Assistant Professor | 14.06.2023      |

### About the Department

The Orthopaedic Department is dedicated to the diagnosis, treatment, rehabilitation, and prevention of musculoskeletal disorders. These disorders can affect bones, joints, ligaments, tendons, and muscles, impacting patients' mobility and quality of life.

Our team comprises specialized orthopaedic surgeons, physiotherapists and support staff, all committed to providing comprehensive care.

We employ advanced diagnostic tools, including imaging techniques and laboratory tests, to accurately assess each patient's condition.

#### Key Areas of Focus:

- Joint Replacement Surgery (primary and revision):** We offer latest techniques for hip, knee, elbow and shoulder replacements, enhancing recovery and outcomes.
- Sports Medicine:** Our specialists address sports injuries, arthroscopic ligament/ tendon repair/ reconstruction, meniscus repair, providing tailored rehabilitation programs to facilitate a return to activity.
- Paediatric Orthopaedics:** We cater to children's unique musculoskeletal needs, addressing conditions like scoliosis and limb deformities.
- Trauma Care:** Our department is equipped to handle acute/ neglected injuries, providing emergency care for fractures and dislocations.
- Spine Care:** We focus on both surgical and non-surgical treatments for spinal disorders, ensuring a holistic approach to spine health.

- Research and Innovation:** We are committed to advancing orthopaedic care through research, ensuring our patients benefit from the latest treatments and technologies.

- Deformity correction and limb lengthening-** in patients of congenital/ acquired deformities

#### Vision:

- Patient-Centred Care:** To deliver personalized, high-quality care that enhances patient mobility and quality of life, prioritizing safety, comfort, and satisfaction.
- Innovation and Excellence:** To lead in the adoption of innovative surgical techniques, advanced technologies, and evidence-based practices that improve treatment outcomes.
- Research and Education:** To contribute to the advancement of orthopaedic knowledge through cutting-edge research and to educate the next generation of orthopaedic specialists.
- Collaboration and Community Engagement:** To work closely with multidisciplinary teams, community partners, and patients to ensure comprehensive care and support for musculoskeletal health.
- Accessibility and Equity:** To ensure that all patients have access to orthopaedic services regardless of background, promoting health equity and addressing disparities in care.

**Mission:** To create a leading orthopaedic department that not only treats but also empowers patients, drives innovation, and promotes a healthier community.

**Patient Care Services:** In 2023-2024 the OPD Census=27,644, Intraarticular Injection Record=579, Plaster Cast application=423, IPD=889, Surgeries=699

**Academic Courses:** Post graduation course started in August , 2023 with 6 monthly intakes of 2 Students

## **Future plans:**

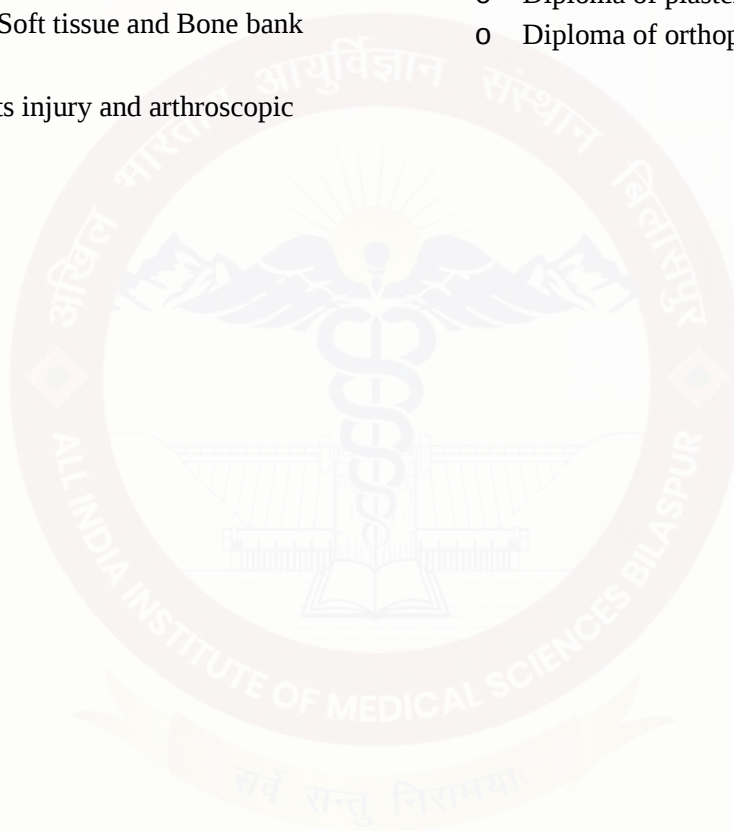
Patient Care Services

- Establishing Soft tissue and Bone bank facility
- Starting sports injury and arthroscopic services

- Starting Minimally Invasive Spine surgeries
- Starting spine deformity corrective surgeries
- Starting orthopedic Tumour registry

Academic courses

- MCh
  - o Arthroplasty and joint reconstruction
  - o Spinal orthopedics surgery
  - o Paediatrics orthopedics
- Fellowships
  - o Spine Fellowship
  - o Joint preservation arthroplasty
- Paramedical courses
  - o Diploma of plaster technician
  - o Diploma of orthopedics technician



## DEPARTMENT OF PATHOLOGY

### Faculty

| S. No. | Name               | Designation         | Date of Joining                 |
|--------|--------------------|---------------------|---------------------------------|
| 1.     | Dr. Manu Priya     | Associate Professor | 15.06.2022                      |
| 2.     | Dr. Gurwinder Kaur | Assistant Professor | 11.11.2020                      |
| 3.     | Dr Ekta Rahul      | Assistant Professor | 17.06.2022<br>(Upto 20.12.2023) |
| 4.     | Dr. Sushma Bharti  | Assistant Professor | 07.07.2022                      |

### About the Department

The Department of Pathology at AIIMS, Bilaspur, Himachal Pradesh, was founded with the principal goal of providing high-quality services that center on three main pillars: top-notch medical education, facilities for medical research, and diagnostic laboratory services.

#### Academics:

The faculty is still steadfastly dedicated to providing top-notch instruction to postgraduates, undergraduates along with BSc nursing, BSc paramedical.

The instructional approaches used combine more modern methods like case studies, tutorials, and early clinical exposures with more established ones like didactic lectures.

Through the examination of microscopic slides showing a variety of diseases and gross specimens, the hands-on approach guarantees that students get practical knowledge. We are proud that two batches of undergraduate pathology students passed their final professional exam and finished their coursework successfully. Simultaneously, BSc paramedical and BSc nursing students are being taught. From January 2024, department has started the first batch of the first postgraduate, and the department advanced academic planning by initiating the MD Pathology program.

#### Diagnostic Laboratory Services:

The in-house diagnostic capabilities of our department encompass hematology, cytology, and histopathology laboratories. We also extend certain diagnostic services via the laboratory in the Ayush block.

*The Hematology division* offers a comprehensive array of services, including complete hemogram, ESR, coagulation profiles, and bone marrow examinations.

*The cytopathology section* is equipped to provide a wide range of services such as direct and USG-guided FNACs, body fluid analysis (including cell count and malignant cell cytology), and semen analysis. The department has initiated cervical cancer screening through Liquid-Based Cytology (LBC).

Lastly, the *histopathology division* diligently handles and provides diagnostic services for small and large specimens including frozen sections received from both minor and major operating theatres.

**Expansion of Diagnostic Services:** In order to broaden our spectrum of services, the department shall be initiating immunohistochemistry, flowcytometry. This will be a significant step as a in-house facility for precise diagnosis and can speeden up the treatment.

#### Research Initiatives:

The faculty participates in conferences, CMEs, and other educational programs, ensuring that their knowledge remains updated with the latest advancements in the field.

This year, the faculty members have submitted four research proposals that are currently under consideration by institute and DST SERB

Currently, the department is working on Nine research projects in which two are as Guide and Seven as Co-Guide

The faculty members have been actively collaborating with colleagues from other departments on various research initiatives.

## Lectures Delivered/Papers or Posters Presented at CMEs /National & International Conferences

| S. No. | Name of the faculty | Title of Lecture/ Paper/ Poster                                                                               | CME/ Conference | Date              | Organizer & Venue                  |
|--------|---------------------|---------------------------------------------------------------------------------------------------------------|-----------------|-------------------|------------------------------------|
| 1.     | Dr Manu Priya       | First Runner Up, Poster Presentation                                                                          | CYTOCON 2023    | 2023              | Indian Academy of Cytopathologists |
| 2.     | Dr Gurwinder Kaur   | Masquerading Manifestations: Cutaneous Langerhans Cell Histiocytosis: Dermatological and Systemic Conditions" |                 | November 18, 2023 | Kolkata                            |

## Research

| S. No. | Title of the Project                                                                                                                | Name (Role)                                                                                      | Extramural/ Intramural/ Self-funded | Duration (Yrs) | Status (Ongoing/ Completed) | Total funds sanctioned (Rs.) |
|--------|-------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|-------------------------------------|----------------|-----------------------------|------------------------------|
| 1.     | Frozen section Vs Scrape Cytology intra-operative consultation: A Comparative Analysis.                                             | <b>PI:</b> Dr Manu Priya<br><b>Co-PI:</b> Dr Sushma Bharti<br>Dr Gurwinder Kaur<br>Dr Ekta Rahul | -                                   | 1Yr            | Ongoing                     | NA                           |
| 2.     | Comparative analysis of plasma Thrombin and sodium alginate cell blocks in serous effusions                                         | <b>PI:</b> Dr Manu Priya<br><b>Co-PI:</b> Dr Sushma Bharti<br>Dr Gurwinder Kaur<br>Dr Ekta Rahul | -                                   | 1Yr            | Ongoing                     | NA                           |
| 3.     | To illustrate how miR-2909 RNomics governs TGF $\beta$ signalling cascade in Human Prostate Cancer'. (Technically approved by ICMR) | <b>Co-PI:</b> Dr. Gurwinder Kaur                                                                 | Extramural                          | 3Yrs           | Ongoing                     | 25 Lakh                      |
| 4.     | A Clinical, Dermoscopic and Immunohistochemical study of extra facial melasma in skin of color                                      | <b>Co-PI:</b> Dr. Gurwinder Kaur                                                                 | Extramural                          | 1Yr            | Ongoing                     | 1 Lakh                       |
| 5.     | Evaluation and                                                                                                                      | <b>PI:</b> Dr Sushma                                                                             | -                                   | 1Yr            | Ongoing                     | NA                           |

|    |                                                                                                                     |                                                                                                  |   |     |         |    |
|----|---------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|---|-----|---------|----|
|    | comparison of efficacy of Platelet count using different methods                                                    | <b>Bharti</b><br><b>Co-PI:</b> Dr Manu Priya<br>Dr Gurwinder Kaur<br>Dr Ekta Rahul               |   |     |         |    |
| 6. | Clinical utility of fine needle aspiration cytology in early diagnosis of head and neck lesions.                    | <b>PI:</b> Dr Sushma Bharti<br><b>Co-PI:</b> Dr Manu Priya<br>Dr Gurwinder Kaur<br>Dr Ekta Rahul | - | 1Yr | Ongoing | NA |
| 7. | Prevalence of lymph node metastasis in major salivary gland cancers                                                 | <b>Co-PI:</b> Dr Sushma Bharti                                                                   | - | 1Yr | Ongoing | NA |
| 8. | Nail Fold Dermoscopy in collagen vascular disease in skin of color: Prospective Observational cross sectional study | <b>Co-PI:</b> Dr Gurwinder Kaur                                                                  |   | 1Yr | Ongoing | NA |

## Publications

1. **Bharti, Sushma;** Bairwa, Renu; Bairwa, Devender; Sharma, Tarun. Cytological diagnosis of gouty tophi over the elbow as an initial manifestation in an asymptomatic patient. Journal of Bone and Joint Diseases 39(1):p 53-56, January-April 2024. | DOI: 10.4103/jbjd.jbjd\_1\_24
2. Singh R, **Bharti S**, Kaur H, Yadav SK. Umbilical endometriosis in a surgically naïve multiparous young female. J Mid-life Health 2024;15:36-8.
3. **Bharti S, Sharma M**, Malik N, et al. (March 22, 2024) Primary Ovarian Pregnancy: A Case Report With a Review of the Literature. Cureus 16(3): e56688. doi:10.7759/cureus.56688
4. Kaur H, Singh N, **Bharti S, Kaur G**. Exploring the unusual: a testosterone-secreting ovarian tumor. Autops Case Rep [Internet]. 2024;14:e2024478. <https://doi.org/10.4322/acr.2024.478>
5. Bharti JN, **Bharti S**, Nigam JS. Liesegang rings in kidney diseases systematics Review.

## Awards, Honors and Significant Achievements

### Dr Manu Priya

1. Participated in Second Annual Online Certificate Course in Flow Cytometry by Flowcytometry solutions.

### Dr Gurwinder Kaur

1. Acted as a reviewer for the Journal- Indian Association of Dermatologist, Venereologist and Leprologists.

**Dr Sushma Bharti**

1. Acted as a reviewer for the Journal- Midlife Health Journal and Elsevier journals

**Community Service****Dr Gurwinder Kaur**

1. Cancer Awareness Program- presentation on 29-09-2023 at AIIMS Bilaspur
2. Urticaria Day- Presentation on 01-10-2023 at AIIMS Bilaspur



## DEPARTMENT OF PEDIATRICS

### Faculty

| S. No. | Name            | Designation         | Date of Joining |
|--------|-----------------|---------------------|-----------------|
| 1      | Dr Sriram P     | Professor & Head    | 29.08.2023      |
| 2      | Dr Naveen Kumar | Associate Professor | 01.12.2023      |
| 3      | Dr Jasbir Singh | Assistant Professor | 13.11.2020      |
| 4      | Dr Raman Sharma | Assistant Professor | 11.12.2023      |

### About the Department

The department of Pediatrics caters to the holistic health needs of children from birth to 18 years providing OPD, immunization/specialty clinics, in-patient and emergency services. Our team is dedicated to academic activities in undergraduate and postgraduate teaching with aim to shape the students into competent medical graduates and postgraduates to serve the community.

**Vision:** The department is working with a vision of establishing a centre of excellence with all general paediatric medicine, paediatric sub-specialties, providing the highest quality of tertiary care in the region along with nurturing compassion for the sick and commitment to reach the unreached or underserved.

**Mission:** The Department of Paediatrics at AIIMS, Bilaspur intends to deliver the best quality of healthcare to children as well as provide the highest quality of teaching and research opportunities for all students.

**Patient Care Services:** With expansion of department in 2023, the number of faculty

members increased to four from a single faculty in previous year. The routine services provided in the department (OPD, IPD, & emergency room) are consolidated and we are looking to launch new patient care services.

**Academic Courses:** M.D. Pediatrics course was started in this year and one seat was approved. The number of seats is likely to increase in future. M.B.B.S course was already undergoing training in the department with the first batch reached to 8<sup>th</sup> semester.

**Future Plans:** New patient care services have been planned for future. Few of these planned services are:

1. Pediatric intensive care unit
2. Thalassemia day care center
3. Pediatric simulation lab
4. Pediatric tuberculosis follow up clinic
5. Child development & early intervention center
6. Pediatric pulmonology lab

### Lectures Delivered/Papers or Posters Presented at CMEs /National & International Conferences

| S. No. | Name of the faculty | Title of Lecture/ Paper/ Poster | CME/ Conference | Date              | Organizer & Venue |
|--------|---------------------|---------------------------------|-----------------|-------------------|-------------------|
| 1      | Dr Raman Sharma     | IMPACT                          | Conference      | February 8-9 2023 | Bhopal            |

### Publications

1. Peer S, **Bhardwaj NK**, Wander A. Neuroimaging features in Wolfram syndrome type 1. Neurol Sci. 2024;45(6):2943-2944.

2. Wander A, Meena AK, Peer S, Pilia RK, Chhabra P, **Bhardwaj NK**, Mir A, Gulati S. Beyond Fever: Central Nervous System Vasculitis and Intracranial Bleed in a Child with Kawasaki Disease. Indian J Pediatr. 2024;91(6):642
3. Sheth J, Nair A, Bhavsar R, Godbole K, Datar C, Nampoothiri S, Panigrahi I, Shah H, Bajaj S, Tayade N, **Bhardwaj N**, Sheth H. Lysosomal storage disorders identified in adult population from India: Experience of a tertiary genetic centre and review of literature. JIMD Rep. 2024;65(2):85-101.

### Community Service

1. Dr Sriram P was appointed as mission director for special Olympics and participated in health screening camp organized by Chetna Sanstha, Bilaspur
2. Dr Raman Sharma participated in pediatric medical outreach health camp organized at Ghumarwin, Bilaspur on 14 January 2024.



## DEPARTMENT OF PEDIATRIC SURGERY

### Faculty

| S. No. | Name                  | Designation         | Date of Joining |
|--------|-----------------------|---------------------|-----------------|
| 1      | Dr Bijaya Kumar Sethi | Associate Professor | 12.01.2021      |
| 2      | Dr. Sandeep Singh Sen | Assistant Professor | 12.12.2022      |

### About the Department

Department of Pediatric surgery has two faculty and 3 non. Acad. JR. Department is doing OPD on four days a week. Currently department has allotted 3 beds on 4<sup>th</sup> floor. Department is performing emergency and elective surgeries since 1 and half year. Till date department has done 250 major surgical procedure.

**Vision:** Our vision at Pediatric Surgery Department is to be a global leader in pediatric surgical care, recognized for our innovative approaches, compassionate treatment, and commitment to improving the health and well-being of children. We aim to set new standards in pediatric surgery and inspire future generations of surgeons.

**Mission:** Our mission is to deliver the highest quality surgical care to children, advance the field of pediatric surgery through cutting-edge research, and train the next generation of pediatric surgeons. We are dedicated to:

- Providing comprehensive, patient-centered surgical care tailored to the unique needs of each child.

- Conducting pioneering research that drives advancements in pediatric surgery.
- Offering rigorous and innovative training programs for future pediatric surgeons

#### Patient Care Services:

1. Department is providing admission to laparoscopic surgeries
2. Successfully running OPD and IPD
3. Attending all pediatric emergency
4. All pediatric surgical case has been managed

**Academic Courses:** Department has one MCh Seat allotted but no candidate has joined.

#### Future Plans:

- To start neonatal surgeries.
- To Start neonate patient ICU for surgical neonates.
- To develop advance minimal surgeries.
- To establish robotic surgeries
- To develop pediatric transplantation including solid organ transplantation

### Lectures Delivered/Papers or Posters Presented at CMEs /National & International Conferences

| S. No. | Name of the faculty    | Title of Lecture/ Paper/ Poster                                                                 | CME/ Conference                                                                              | Date     | Organizer & Venue                                                               |
|--------|------------------------|-------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------|---------------------------------------------------------------------------------|
| 1      | Dr. Bijaya Kumar Sethi | Affordable IronCraft: The paediatric laparoscopic simulator                                     | 5 <sup>th</sup> Global initiative for children surgery conference                            | Feb 2024 | WHO Learning Academy, Manila, Philippines                                       |
| 2      | Dr. Bijaya Kumar Sethi | The Impact of Chordee Degree in Hypospadias on Penile Urethral Length: A Trigonometric Analysis | 9th International Pediatric Conference for Hypospadias & Disorder of Sex Development (ISHID) | May 2024 | World Federation of Associations of Pediatric Surgeons (WOFAPS), Abu Dhabi, UAE |

|   |                        |                                                                                              |                                                                                                 |          |                                                          |
|---|------------------------|----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|----------|----------------------------------------------------------|
| 3 | Dr. Bijaya Kumar Sethi | A Novel Modification Of Hayashi-Koyanagi Repair For Proximal Hypospadias: Preliminary Report | annual 8 <sup>th</sup> conference of Research and Innovation Pediatric Surgical Society section | Dec 2023 | Indian Association Pediatric Surgeon at AIIMS, New Delhi |
| 4 | Dr. Bijaya Kumar Sethi |                                                                                              | Second faculty workshop on Basic Medical Education Technology                                   |          | AIIMS Bilaspur                                           |
| 5 | Dr. Sandeep Singh Sen  |                                                                                              | National conference of Pediatric laparoscopic surgeries (PESICON)                               | 2024     | Agra                                                     |



## DEPARTMENT OF PHARMACOLOGY

### Faculty

| S. No. | Name               | Designation          | Date of Joining |
|--------|--------------------|----------------------|-----------------|
| 1      | Dr Deepti Chopra   | Professor & Head     | 27.07.2022      |
| 2.     | Dr Ashok K Dubey   | Additional Professor | 10.07.2023      |
| 3.     | Dr Avula Naveen    | Associate Professor  | 05.02.2024      |
| 2.     | Dr Meenakshi Meenu | Assistant Professor  | 25.11.2020      |
| 3.     | Dr Yangshen Lhamo  | Assistant Professor  | 25.11.2020      |

### About the Department

The Department of Pharmacology, AIIMS Bilaspur, has continued to evolve since its inception, reinforcing the institute's vision to excel in medical education, research and patient care. The department has adopted innovative methods in education to promote strong evidence-based teaching and training and match the contemporary needs and advancement in medical education. Apart from imparting the theoretical and practical skills to undergraduate students, the department has been playing an important role in helping the young minds learn professional ethics, communication and compassion. The department is actively involved in awareness programs for sensitization of community, patients and health care professional on the importance of reporting of adverse drug reactions (ADR). The department shares the vision of the institute for excellence in patient care. The department is actively involved in prescriptions audit for the hospital to promote rational use of medicines. The faculty members are incessantly working to excel themselves. In the last year, they have contributed to the scientific world by participating in various national/international workshops & conferences and publishing in indexed journal.

Department of Pharmacology, AIIMS, Bilaspur is an Adverse Drug Reaction Monitoring Centre (AMC) recognized by Indian Pharmacopoeia Commission, Ghaziabad under the aegis of

Ministry of Health and Family Welfare since 2021 and is diligently contributing to the National and International Pharmacovigilance Programs.

**Vision:** The Department of Pharmacology aims to provide a dynamic and distinct learning environment that will nurture innovative, groundbreaking research in basic and clinical pharmacology, therapeutics and toxicology. We will emphasize on integrating basic and clinical research. Our primary research areas include Pharmacogenomics, Therapeutic Drug Monitoring, Antibiotic Stewardship, Rational Use of Medicines and Toxicology with a focus on major public health burden of this country. The Department envisions promoting the discovery and development of new therapeutic modalities and drug repurposing. By assuming administrative responsibilities at institutional, national and international committees, and community organizations we will contribute to the progress of the Institute and our country.

**Patient Care Services:** ADR Monitoring, Prescription Audit, Sensitization of residents towards patients

**Academic Courses:** MBBS, Post Graduate course, BSc Nursing,

**Future Plans:** Therapeutic Drug Monitoring services, Antimicrobial stewardship program & Poison Control Centre.

### CMEs/Workshop/Symposia/National & International Conferences Organised)

1. Pharmacovigilance webinar in collaboration with PGIMER – Chandigarh on 22/09/2023.

## 2. Prescribing Skill Webinar by invited external expert

### Lectures Delivered/Papers or Posters Presented at CMEs /National & International Conference

| S. No. | Name of the faculty | Title of Lecture/ Paper/ Poster                               | CME/ Conference                                                   | Date       | Organizer & Venue                               |
|--------|---------------------|---------------------------------------------------------------|-------------------------------------------------------------------|------------|-------------------------------------------------|
| 1.     | Dr. Meenakshi Meenu | Guest lecture on Conventional versus Novel DMARDs             | CME on Rheumatology                                               | 01/04/2023 | AIIMS, Patna                                    |
| 2.     | Dr. Meenakshi Meenu | Guest lecture on DMARDs - Biologics                           | SAC-ACCP conference                                               | 02/04/2023 | NMCH, Patna                                     |
| 3.     | Dr. Meenakshi Meenu | Guest lecture on ICH -GCP R2 & Indian GCP                     | Workshop on Good Clinical Practice                                | 10/11/2023 | Andhra Medical College                          |
| 4      | Dr. Yangshen Lhamo  | Guest Lecture on "Patient Recruitment & Retention Strategies" | Clinical Trial Methodology and A.I. Tools for Scientific Writing" | 18/04/2023 | Department of Pharmacology, JNMC, AMU, Aligarh. |

### Research

| S. No. | Title of the Project                                                                                                                                                                    | Name (Role)                                     | Extramural/ Intramural/ Self-funded | Duration (years) | Status (Ongoing/ Completed) | Total funds sanctioned (Rs.) |
|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|-------------------------------------|------------------|-----------------------------|------------------------------|
| 1.     | Implementation of Digital Pharmacology Flashcards for spaced retrieval for undergraduate teaching                                                                                       | PI: Dr Deepti Chopra<br>Co-I: Dr Yangshen Lhamo | Self-funded                         | 2Yrs             | Ongoing                     | NA                           |
| 2.     | Financial Toxicity of Anticancer Drugs and Its Implications on Health Care Delivery and Quality of Life of Cancer Patients                                                              | PI: Dr Meenakshi Meenu                          | Self-funded                         | 1Yr              | Ongoing                     | NA                           |
| 3.     | A prospective observational study to compare the toxicity profile of intensity modulated radiation therapy (IMRT) with volumetric modulated arc therapy (VMAT) in locally advanced head | Co-I: Dr Meenakshi Meenu                        | Self-funded                         | 1.5Yr            | Ongoing                     | NA                           |

|    |                                                                                                                                                        |                          |             |       |         |    |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|-------------|-------|---------|----|
|    | and neck cancer.                                                                                                                                       |                          |             |       |         |    |
| 4. | Evaluation of early ototoxicity of cisplatin in head and neck cancer patients undergoing concurrent chemoradiation: a prospective observational study. | Co-I: Dr Meenakshi Meenu | Self-funded | 1.5Yr | Ongoing | NA |

## Publications

1. Sidhu JK, Jakhar K, Chopra D, Dhote A, Babber V, Shadman M, Tripathi CD. Adverse Drug Reactions in Psychiatry Outpatient Department of a Tertiary Care Hospital in Western Uttar Pradesh: An Observational Study. *J Res Pharm Pract.* 2023 Mar 24;11(3):99-102. doi: 10.4103/jrpp.jrpp\_51\_22. PMID: 37304221; PMCID: PMC10252573.
2. Chopra D, Kwatra G, Bhandari B, Sidhu JK, Rai J, Tripathi CD. Jigsaw Classroom: Perceptions of Students and Teachers. *Med Sci Educ.* 2023 Jun 20;33(4):853-859. doi: 10.1007/s40670-023-01805-z. PMID: 37546208; PMCID: PMC10403414.
3. Pipil N, Gupta PP, Soni S, Chopra D, Lhamo Y, Singh N, Shree B. Hypoglycemic Effect of Nelumbo Nucifera Seed Extract on GLUT-4 mRNA and GLUT-4 Protein in Streptozotocin-Induced Diabetic Rats. *J Pharm Bioallied Sci.* 2023 Jul;15(Suppl 2):S1059-S1061. doi: 10.4103/jpbs.jpbs\_226\_23. Epub 2023 Jul 11. PMID: 37693992; PMCID: PMC10485492.
4. Nazir N, Chopra D, Bhandari B, Sidhu JK. Adverse Drug Reactions in Corona Virus Disease Patients Admitted to Intensive Care Unit: An Observational Study. *Curr Drug Saf.* 2023;18(2):202-206. doi: 10.2174/1574886317666220513095618. PMID: 35570533.
5. Chaturvedi A, Dubey AK, Naveen A, Sravani MR. Perceived Utility of Jan Aushadhi Outlets and Awareness of Generic Medicines at the Andaman and Nicobar Islands: A Cross-Sectional Study. *Cureus.* 2024 Apr 4;16(4):e57630. doi: 10.7759/cureus.57630. PMID: 38711720; PMCID: PMC11070736.
6. Kumar D S, Prasanth K, Bhandari A, et al. Innovations and Challenges in the Development of COVID-19 Vaccines for a Safer Tomorrow. *Cureus* 2024 May 10;16(5): e60015. DOI 10.7759/cureus.60015
7. Kaur H, Meenu M, Pandey S, Chauhan A, Mangla M. Role of Platelet-rich Plasma in Unexplained Recurrent Implantation Failure - A Systematic Review and Meta-analysis of Randomized Control Trials. *J Hum Reprod Sci.* 2024 Jan-Mar;17(1):2-15. doi: 10.4103/jhrs.jhrs\_166\_23. Epub 2024 Mar 28. PMID: 38665609; PMCID: PMC11041320.
8. Purohit K, Siddiqui A W, Singh S, Arya A, Lhamo Y, Bharti M. Determinants of Treatment Satisfaction among Patients with Diabetes: Importance of Patient-Reported Outcomes. *International Journal of Pharmaceutical and Clinical Research* 2024; 16(2); 928-33

## Awards, Honors and Significant Achievements

### Dr Deepti Chopra

1. FAIMER fellowship awarded April 2023 to 2025
2. External examinership for MD thesis evaluation (Delhi University) , July 2023
3. External examinership for PhD thesis evaluation (AIIMS New Delhi), July 2023
4. External Examinership for PhD Viva voice, AIIMS New Delhi, August 2023

## **Dr Meenakshi Meenu**

1. First prize in Clinical Poster Presentation on Research Work Titled “Real World Evidence on The Effectiveness of Immune Checkpoint Inhibitors in Patients with Recurrent/Metastatic/Unresectable Head and Neck Squamous Cell Cancer - A Systematic Review & Meta-Analysis.” at International conference and Workshop on Regulatory Milestones in Drug Development & International Conference on Advancing Paediatric Drug Development in South Asia organized by South Asian College of Clinical Pharmacology on 21-22/07/2023.

## **Community Service**

Pharmacovigilance week 17<sup>th</sup> September to 23<sup>rd</sup> September 2023, following community outreach activities were conducted.

1. Nukkad Natak at AIIMS (Bilaspur), Regional Hospital Bilaspur and Government Schools in Kothipura (Bilaspur)
2. Pamphlet distribution at AIIMS, Bilaspur
3. Sensitization lecture at AIIMS, Bilaspur



## DEPARTMENT OF PHYSIOLOGY

### Faculty

| S. No. | Name                 | Designation          | Date of Joining |
|--------|----------------------|----------------------|-----------------|
| 1.     | Dr. Rupali Parlewar  | Professor & Head     | 08.02.2021      |
| 2.     | Dr. Punam Verma      | Additional Professor | 01.01.2021      |
| 3.     | Dr. Hitesh Jani      | Assistant Professor  | 09.12.2020      |
| 4.     | Dr. Priti Bhandari   | Assistant Professor  | 09.12.2020      |
| 5.     | Dr. Bhoopendra Patel | Assistant Professor  | 14.12.2020      |
| 6.     | Dr. Navdeep Ahuja    | Assistant Professor  | 18.03.2024      |

### About the Department

The Department of Physiology at AIIMS Bilaspur is excelling in medical education and research, fostering a deep understanding of human body functions. Committed to excellence, our distinguished faculty integrates research with innovative teaching methods, preparing students to become leaders in the medical field. Our state-of-the-art laboratories and collaborative environment promote advancement in healthcare. Through rigorous academic programs and hands-on training, we empower future healthcare professionals to translate physiological knowledge into clinical practice, enhancing patient care and contributing to the global medical community.

#### Vision:

- **Excellence in Education:** To provide top-tier education that equips students with a profound understanding of physiological principles and their applications in medical practice.
- **Innovative Research:** To lead pioneering research that advances the field of physiology, contributing to new medical insights and improved healthcare solutions.
- **Interdisciplinary Collaboration:** To foster a collaborative environment that encourages interdisciplinary partnerships, enhancing the integration of physiological knowledge with other medical and scientific disciplines.
- **State-of-the-Art Facilities:** To maintain and continuously upgrade state-of-the-art laboratories and teaching facilities, ensuring

an optimal learning and research environment.

- **Global Leadership:** To establish the department as a global leader in physiological education and research, influencing healthcare practices and policies worldwide.
- **Community Impact:** To engage in community outreach and public health initiatives, utilizing physiological expertise to improve health outcomes and promote wellness.

#### Mission:

- **Educational Excellence:** To deliver high-quality education in physiology, fostering critical thinking, innovation, and a deep understanding of human biology among students.
- **Cutting-Edge Research:** To conduct groundbreaking research that expands the frontiers of physiological knowledge and translates scientific discoveries into clinical advancements.
- **Interdisciplinary Integration:** To promote interdisciplinary collaboration, integrating physiological principles with various medical and scientific fields to enhance comprehensive healthcare solutions.
- **Professional Development:** To support the continuous professional growth of faculty, students, and staff, encouraging lifelong learning and leadership in the field of physiology.

- **Community Engagement:** To actively engage with the community through outreach programs, public health initiatives, and educational partnerships, improving health literacy and overall well-being.

## Patient Care Services:

Department is providing following patient care services:

- Autonomic function Lab
- Neurophysiology lab in collaboration with neurology department.
- In process setting up of sleep lab for diagnostic services.
- In process setting up a lifestyle modification clinic for providing clinical services for management of lifestyle related diseases.

## Academic Courses:

- The Department of Physiology is actively engaged in teaching activities of MBBS and Nursing & Allied Health Sciences students.
- In the year 2023-24, a total of 507 hours of teaching for MBBS course and 184 hours of theory and teaching for Nursing/Paramedical was done the faculty members. This includes lectures/practical class/ demonstrations /seminars/quiz/SDL/ECE/small group teaching etc.
- Department has started the MD (Physiology) course program also, and one MD Physiology resident was admitted in the year.
- The department has established autonomic functions testing lab for clinical care, research & training.

- Department is also assisting in setting up neurophysiology lab with the department of neurology.
- The department is also in process of setting up sleep lab and lifestyle modification clinic for training of PGs.
- Other postgraduate laboratories are also proposed to be established in this Department such as pulmonary function and exercise physiology lab, that will be utilized for research and training purposes.

## Future Plans:

- To provide sleep studies for patient care and research for diagnostic services.
- To provide clinical services for management of lifestyle related diseases through Lifestyle Modification Clinic.
- The department is in the process of procuring following cutting-edge equipment for the purpose of training and research in the department:
  - fNIRS for brain mapping in cognitive function lab
  - Quantitative sensory testing machine for pain lab
  - QSART for autonomic function testing lab
- Establishment of Pulmonary function testing lab and exercise physiology lab in the department.
- The department is also initiating research proposals in collaboration with the IIT Mandi.

## CMEs/Workshop/Symposia/National & International Conferences Organised

1. CME on International Day of Yoga on “Yoga for Health & Wellness” – 23.06.2023
2. CME cum panel discussion on “Evidence Based Nutrition in Healthcare” in collaboration with PAN India. – 23.08.2023

## Lectures Delivered/Papers or Posters Presented at CMEs /National & International Conference

| S. No. | Name of the faculty | Title of Lecture/ Paper/ Poster | CME/ Conference | Date | Organizer & Venue |
|--------|---------------------|---------------------------------|-----------------|------|-------------------|
|--------|---------------------|---------------------------------|-----------------|------|-------------------|

## AIIMS Bilaspur Annual Report 2023-24

|    |                     |                                                                                      |            |                         |                                                                                        |
|----|---------------------|--------------------------------------------------------------------------------------|------------|-------------------------|----------------------------------------------------------------------------------------|
| 1. | Dr. Rupali Parlewar | Physiology of Yoga                                                                   | CME        | June 21, 2023           | AIIMS Bilaspur                                                                         |
| 2. | Dr. Rupali Parlewar | Whole food plant-based nutrition                                                     | CME        | August 23, 2023         | AIIMS Bilaspur                                                                         |
| 3. | Dr. Rupali Parlewar | Role of melatonin in sleep [SYMPOSIUM]                                               | Conference | Sept 29 to Oct 01, 2023 | India Sleep, AIIMS Kalyani                                                             |
| 4. | Dr. Punam Verma     | YOGA: A Tool for Holistic Health                                                     | CME        | June 21, 2023           | AIIMS Bilaspur                                                                         |
| 5. | Dr. Punam Verma     | Health consequences of lack of sleep- Make your sleep better                         | Conference | July 20-21, 2023        | International Virtual conference on Physiology and Lifestyle Medicine, AIIMS Bibinagar |
| 6. | Dr. Punam Verma     | Lack of Sleep Quality and Sleep hygiene: Health consequence [SYMPOSIUM]              | Conference | Sept 29 to Oct 01, 2023 | India Sleep, AIIMS Kalyani                                                             |
| 7. | Dr. Punam Verma     | Lifestyle Medicine: A solution to lifestyle driven health diseases                   | Conference |                         | National Conference of Association of Physiologist of India at KGMC Lucknow            |
| 8. | Dr. Punam Verma     | Lecture in Thesis protocol writing for Postgraduate students                         | Workshop   | October 27-29, 2023     | AIIMS Bilaspur                                                                         |
| 9. | Dr. Hitesh Jani     | Correlation of HRV and orthostatic hypotension in patients with Parkinson's disease. | Conference | December 23-23 2023     | ICON-BAP 2023, Ahmedabad                                                               |

### Research

| S. No. | Title of the Project                                                                                                         | Name (Role)             | Extramural/ Intramural/ Self funded | Duration (Yrs) | Status (Ongoing/ Completed) | Total funds sanctioned (Rs.) |
|--------|------------------------------------------------------------------------------------------------------------------------------|-------------------------|-------------------------------------|----------------|-----------------------------|------------------------------|
| 1.     | Study of neurophysiological & biochemical parameters in hypothyroid patients of hilly regions of Himachal Pradesh. IEC 17/21 | PI: Dr. Rupali Parlewar | Extramural (ICMR - 2021-13627)      | 3Yrs           | Ongoing                     | 19,64,880/-                  |

|    |                                                                                                                                                                                                                                             |                     |                                |      |         |             |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|--------------------------------|------|---------|-------------|
| 2. | Assessment of association of lifestyle related disease biomarkers with autonomic and cognitive functions in different age group natives of Spiti valley of Himachal Pradesh: A comprehensive observational cross-sectional study. IEC 08/21 | PI: Dr. Punam Verma | Extramural (ICMR - 2021-13364) | 2Yrs | Ongoing | 25,44,126/- |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|--------------------------------|------|---------|-------------|

## Publications

1. Kachhawa M, Kumar U, **Patel B**, Choudhary RC, Ganwani D, Dube A. The event related potential profiling of consonants and vowels across rule learning task through auditory stimuli. Neuropsychological trends. 2023; 34: 7-38. <https://doi.org/10.7358/neur-2023-034-kach>
2. Choudhary RC, **Patel B**, Kumar U, Kachhawa M, Sharma M, Dube A. Comparative study of event-related potential responses within syllables of intra and inter phoneme classes. Neuropsychological trends. 2024; 35:97-117. <https://doi.org/10.7358/neur-2024-035-chou>

## Awards, Honors and Significant Achievements

### Dr. Bhoopendra Patel

- Completed Advanced Neural Science for Engineers, 12 Week online course (Jan-Apr 2023) through NPTEL SWAYAM portal.

## Community Service

1. Awareness session for college students on “Sleep Hygiene & Health” on 23/09/2023 at Govt. P.G. College, Bilaspur (H. P.)
2. One month Yoga sessions for faculty/staff/students and one week Yoga session for community prior to International Day of Yoga.

## DEPARTMENT OF PSYCHIATRY

### Faculty

| S. No. | Name               | Designation         | Date of Joining |
|--------|--------------------|---------------------|-----------------|
| 1      | Dr Jyoti Gupta     | Assistant Professor | 28.11.2020      |
| 2.     | Dr Bhupendra Yadav | Assistant Professor | 08.09.2023      |

### About the Department

Another faculty has joined in the department, currently we also have 2 senior residents, 2 clinical psychologists. We have started doing IQ and other psychometric assessments in the department and increased the number of various psychological and psychotherapeutic interventions. We are looking after adult psychiatry, deaddiction and child and adolescent psychiatry OPD. We have started providing indoor services as a separate 30 bedded psychiatry ward. Number of Consultation liaison cases have increased. We are actively involved in undergraduate teaching, theory, practical clinical exposure and integrated teaching. The department has also prepared and approved MD Psychiatry curriculum. One seat of MD Psychiatry is approved.

The department has been providing our services for disability certification at district disability board at Regional Hospital Bilaspur. The proposal for procurement of various psychological tests and ECT machine has been approved in IRRC-6 and 7.

Some research projects have been submitted as co-investigators and one has been completed during the year.

#### Vision:

1. Increase intradepartmental and interdepartmental research.
2. To start neuromodulation services in like ECT (under process), rTMS and tDCS.
3. Proposal for separate Addiction Treatment Facility under NDDTC AIIMS and recruitment of manpower for the same.
4. Conduct regular outreach activities to targeting stigma reduction and mental health

awareness in the community to reduce the treatment gap.

**Mission:** To establish state of the art "Research and Referral Child and Adolescent Psychiatry center" for North Indian hilly states by 2034

**Patient Care Services:** With the procurement of various psychological tools and tests, psychometry will be started for better diagnostic and therapeutic services. We are planning to start ECT after procurement of the machine. We have planned to start recreation activities for indoor patients.

Process of renovation of the psychiatry ward is underway (to meet minimum standards laid for Mental Health Establishment under Mental Health Care Act-2017) and to subsequently get it registered under Central Mental Health Authority.

The department is going to increase the provision of various psychotherapeutic interventions including group therapy for substance abuse patients and the caregivers. Services of Qualified Psychiatric Social Workers (working as MSSO elsewhere in the Hospital) has been started for psycho-social assessment and management of selected patients.

#### Academic Courses:

1. MD Psychiatry course is going to be started in the department from July 2024 session.

#### Future Plans:

1. Extramural research projects.
2. With increase in the strength of faculty and senior residents, and recruitment of special educator, occupational therapist and a child psychologist, to start separate Child and adolescent clinic, increase in services for

- neurodevelopmental disorders and starting play therapy and occupational therapy.
3. To start Diploma/ MSc in Psychiatry Nursing
4. Proposal for Psychiatry as a separate subject in IIIrd prof MBBS, mental health being an essential and under-emphasized component of holistic model of health.

## CMEs/Workshop/Symposia/National & International Conferences Organised

1. Workshop on “Stress management and suicide prevention” for AIIMS UG students on 17<sup>th</sup> Feb 2024 by Dr Bhupendra Yadav

## Research

| S. No. | Title of the Project                                                                                                                                                     | Name (Role)     | Extramural/ Intramural/ Self funded | Duration (Yrs) | Status (Ongoing/ Completed) | Total funds sanctioned (Rs.) |
|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------------------------------|----------------|-----------------------------|------------------------------|
| 1.     | To know the prevalence and risk factors of postpartum psychiatric illness in a Bilaspur District of Himachal Pradesh: A community-based cross-sectional study. Completed | Co-investigator | Extramural                          | 9 months       | Completed                   | 2,50,000/-                   |

## Publications

1. Yadav B, Dhillon HS, Sasidharan S, Kaur Dhillon G. Alcohol-associated sexual dysfunction: How much is the damage? Med J Armed Forces India. 2024 Mar-Apr;80(2):166-171. doi: 10.1016/j.mjafi.2022.05.002. Epub 2023 Oct 10. PMID: 38525459; PMCID: PMC10954498.

## Community Service

1. Awareness talk on Schizophrenia was delivered on World Schizophrenia Day on 24<sup>th</sup> May, 2023 at CRC Sundernagar.
2. World Mental Health Day was celebrated on 10<sup>th</sup> October, 2023 in which public awareness was generated through a Nukkad Natak presented by BSc Nursing Students and poster making competition and poem recitation by nursing and MBBS Students.
3. Seminar on substance abuse among children in Indian context at CRC Sundernagar on 23<sup>rd</sup> Nov, 2023
4. Psychological screening of children under Child Family Health Intervention Program held at Chetna Sanstha, Bilaspur on 30<sup>th</sup> Jan, 2024.
5. An online lecture: NIPCCD, an online training programme on developing resilience and mindfulness among children of CCIs on 30<sup>th</sup> Jan 2024
6. Online lecture on “Stress management for families of BSF Personnel” on 16<sup>th</sup> Feb, 2024

7. Talk on "Stress management and Suicide prevention" for MBBS, BSc Nursing and Paramedical students was conducted on 17 Feb 2024.
8. Newspaper article: By Dr Bhupendra Yadav on "Depression and Bipolar disorder" on 04 Mar 2024
9. Talk on "How to cope with relationship issues & handling failure" for AIIMS undergraduate students on 15<sup>th</sup> mar, 2024
10. A team comprising of Consultant Psychiatrist, Senior Resident Psychiatry, Mental health nurses, Clinical psychologists, qualified psychiatric social workers (MSSO's), conducted mental health check-up of the inmates of Distt cum Open Air Jail, Bilaspur.



## DEPARTMENT OF RADIOLOGY

### Faculty

| S. No. | Name                    | Designation         | Date of Joining |
|--------|-------------------------|---------------------|-----------------|
| 1.     | Dr Narvir Singh Chauhan | Professor & Head    | 11.07.2023      |
| 2.     | Dr Lokesh Rana          | Assistant Professor | 23.11.2020      |
| 3.     | Dr Karamvir Chandel     | Assistant Professor | 13.08.2022      |
| 4.     | Dr Varun Bansal         | Assistant Professor | 31.07.2023      |

### About the Department

Department of Radiology was established with a modest beginning in 2021. Since then, our department has made rapid strides within short span of 3 years and has now evolved into a fully established department providing not only holistic and comprehensive Radiology patient care services but also offering post graduate academic course (MD Radiodiagnosis) along with BSc MRIT course.

**Vision:** To evolve as a preeminent Radiology & Imaging sciences educational hub in the region which provides top-tier education and training to budding Radiologists and technologists. Strive for excellence in Patient Care Services by fostering a culture of compassionate, patient-centered approach. We aspire to achieve recognition as a regional centre of excellence in radiology, setting the benchmark for quality in diagnostic and interventional imaging.

**Mission:** To inspire the caregiver in all of us by imbibing the principle that: “Every life matters & Every hour matters”.

**Patient Care Services:** OPD services: The department has been providing state of art diagnostic services on OPD basis. These include: 1) Advanced MRI applications on 3 Tesla machine such as like DTI, fibre tracking, neurography, cardiac MRI scans besides routine MRI scans. 2) On the state of art dual energy 256 slice CT, the department is performing specialized studies like coronary angiographies, and other angiographies like cerebral, pulmonary, renal and peripheral angiographies, CT urography and CT enterography besides all routine CT scans of various body parts. 3)

Diagnostic Ultrasound and various Doppler studies. 4) Routine Radiographs of various body parts.

**Emergency services:** The department is providing round the clock with facilities of CT scan, CT angiography, Ultrasound and Doppler available during emergency hours.

**Interventional Radiology:** The department has been providing a wide array of interventional Radiology services. These include: CT and USG guided FNACs and Biopsies, USG guided pigtail placements, USG guided PCN placements, USG guided venous ablations, PICC line insertions, Chemoport insertions, Pleurodesis, diagnostic and therapeutic pleural/ascitic drainages.

**New equipment added for providing patient care services:** 1) 128 Slice CT machine: The department has expanded the umbrella of diagnostic services by installing a state of art new 128 Slice CT machine in Emergency Block D to strengthen the emergency Radiology services. 2) RFA Ablation machine has been added to expand therapeutic services provided by interventional Radiology wing. 3) DR Digital X ray machine: 1000 mA DR machine has been added to cater to increased footfall of patients requiring X rays.

**Academic Courses:** 1) The department has started MD Radiodiagnosis course with intake of 2 students biannually from July 2023 session. 2) Department is already running BSc MRIT course from Sept 2022 onwards with annual intake of 5 students

**Future Plans:** A new advanced 1.5 Tesla machine is being installed in Ayush block to provide increased coverage to patients requiring

diagnostic MRI services. Department is planning to acquire following additional equipment for additional patient care services: 1) One1000 mA digital DR X Ray machine to cater to the increasing workload. 2) State of art biplane DSA

to start the diagnostic and therapeutic interventional vascular procedures. 3) State of art high end high Doppler ultrasound machine for providing latest diagnostic ultrasound, Doppler and elastography services.

## Lectures Delivered/Papers or Posters Presented at CMEs /National & International Conference

| S. No. | Name of the faculty     | Title of Lecture/ Paper/ Poster                                                                                  | CME/ Conference                                                 | Date                | Organizer & Venue                                     |
|--------|-------------------------|------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|---------------------|-------------------------------------------------------|
| 1.     | Dr Narvir Singh Chauhan | Comparison Of Split Bolus CT Protocol with Routine Portovenous CT Protocol in Evaluation of Blunt Trauma Abdomen | International Radiology Conference KCR 2023                     | September 20, 2023  | Korean Society of Radiology, Seoul                    |
| 2.     | Dr Narvir Singh Chauhan | Radiological evaluation of congenital sensorineural hearing loss by combined MRI IAC and HRCT temporal bone      | International Radiology Conference KCR 2023                     | September 20, 2023  | Korean Society of Radiology, Seoul                    |
| 3.     | Dr Narvir Singh Chauhan | Prenatal potpourri: Pictorial assay of rare and interesting fetal anomalies diagnosed on Fetal MRI               | CME Current updates on fetal imaging                            | October 28-29, 2023 | IGMC Shimla                                           |
| 4.     | Dr Karamvir Chandel     | Ablative therapies in Hepatocellular Carcinoma.                                                                  | Intervention Radiology Conference, 2023                         | July 29, 2023       | AIIMS Bhubaneswar                                     |
| 5.     | Dr Karamvir Chandel     | Biopsy complications- How to deal?                                                                               | Intervention Radiology Conference, 2023                         | July 29, 2023       | AIIMS Bhubaneswar                                     |
| 6.     | Dr Karamvir Chandel     | Transjugular liver biopsy                                                                                        | ISVIR state chapter conference                                  | March 2024          | PGIMER Chandigarh                                     |
| 7.     | Dr Karamvir Chandel     | Biopsies and abdominal drainage procedures                                                                       | Indian Society of Gastrointestinal Abdominal Radiology (ISGAAR) | Nov 2023            | PGIMER Chandigarh                                     |
| 8.     | Dr Karamvir Chandel     | Percutaneous Biliary Drainage Procedures                                                                         | AIRDCON 2023                                                    | July 2023           | AIIMS Bhubaneswar                                     |
| 9.     | Dr Karamvir Chandel     | The Utility of upper and lower limb Peripheral Nerve Blocks in Interventional Radiology                          | ISVIR 2024                                                      | Jan 2024            | Indian Society of Vascular and Intervention radiology |

## Publications

1. Sharma K, Jaryal A, Sharma S, **Rana L**. Disseminated Intravascular Coagulation during a Course of Miliary Tuberculosis with Acute Respiratory Distress Syndrome. *Journal of Global Infectious Diseases*. 2024;10-4103.
2. Mukund A, Tripathy TP, Patel RK, **Chandel K**, Patidar Y, Jindal A, Sarin SK. Percutaneous ablative therapies for hepatocellular carcinoma in the caudate lobe of the liver: efficacy and outcome. *Br J Radiol*. 2023 May 25:20220086. doi: 10.1259/bjr.20220086. Epub ahead of print. PMID: 37227887.
3. Baloji A, Kalra N, Chaluvashetty S, Bhujade H, **Chandel K**, Duseja A, Taneja S, Gorski U, Kumar R, Singh H, Sood A. Efficacy of Y-90 TARE in advanced HCC: an experience with hybrid Angio-CT and glass microspheres. *Journal of Clinical and Experimental Hepatology*. 2023 Dec 26:101342.
4. Patel RK, **Chandel K**, Tripathy T, Panigrahi MK, Behera S, Nayak HK, Pattnaik B, Dutta T, Gupta S, Patidar Y, Mukund A. Role of Interventional Radiology (IR) in vascular emergencies among cirrhotic patients. *Emergency Radiology*. 2023 Nov 17:1-4.
5. Chauhan P, **Bansal V**, Daroach M. (2024). Florid cutaneous neurofibromas in neurofibromatosis type 1: A classic presentation. *Cosmoderma*. 2024;4:31.

## Awards, Honors and Significant Achievements

### Dr Narvir Singh Chauhan

1. Received first prize on Complex anomalies diagnosis on topic- “Rare and interesting fetal anomalies diagnosed on Fetal MRI” poster presentation on Fetal MRI Imaging CME at IGMC Shimla.

## DEPARTMENT OF RADIOTHERAPY

### Faculty

| S. No. | Name               | Designation                 | Date of Joining |
|--------|--------------------|-----------------------------|-----------------|
| 1      | Dr Muninder Kumar  | Additional Professor & Head | 14.06.2022      |
| 2      | Dr Priyanka Thakur | Associate Professor         | 10.07.2023      |
| 3      | Dr Niketa Thakur   | Assistant Professor         | 28.11.2023      |

### About the Department

Department of radiation oncology is committed for comprehensive care to cancer patients. We are going to start the radiation oncology services with the vision to provide advanced radiotherapy treatment to the cancer patients. At AIIMS Bilaspur, we recognize the critical importance of providing holistic support to patients throughout their cancer journey. Our radiation oncology services will be designed to not only deliver state-of-the-art treatment but also to prioritize patient comfort, dignity, and well-being. The department is equipped with the state-of-the-art machinery including High Energy Linear accelerator, HDR Brachytherapy and 4D CT

Simulator. Beyond advanced machinery, the department has a dedicated brachytherapy operation theatre, Treatment Planning System (Monaco), and Simulation and Mould Room facility. Brachytherapy operation theatre. With advanced technology, dedicated facilities, and a compassionate team, we are committed to make a meaningful difference in every patient's journey towards healing and hope. Department has started post graduate course from January 2024 session. Our future plan includes Implement Newer techniques in radiation oncology such as surface guided radiotherapy.

### Research

| S. No. | Title of the Project           | Name (Role)                                       | Extramural/ Intramural/ Self-funded | Duration (Yrs) | Status (Ongoing/ Completed) | Total funds sanctioned (Rs.) |
|--------|--------------------------------|---------------------------------------------------|-------------------------------------|----------------|-----------------------------|------------------------------|
| 1.     | Hospital Based Cancer Registry | PI: Dr Muninder Kumar<br>Co-I: Dr Priyanka Thakur | Self funded                         | NA             | Ongoing                     | NA                           |

### Publication

1. N Gupta, P Sareen, S Kumar, **M Negi**. Assessment of awareness and knowledge regarding nuclear medicine and appropriate use of Nuclear medicine modalities, among medical students and faculty members in two academic medical institutes in North India: A Cross-sectional Study Asia Oceania Journal of Nuclear Medicine and Biology 2024, Volume12, Issue1, SPages73
2. **Thakur N**, Bansal N, Sudan M, Sharma A. Optimising craniospinal irradiation for medulloblastoma: a dosimetric comparison of two VMAT planning methods. ecancer 2024, 18:1700; doi:10.3332/ecancer.2024.1700
3. **Thakur N**, Kaur H, Kaur S, Lehal P, Sudan M, Jain N, Sharma R, Sharma A. Comparative Analysis of VMAT and IMRT Techniques: Evaluation of Dose Constraints and Bone Marrow Sparing in Cervical Cancer Patients Undergoing Chemoradiotherapy. Asian Pac J Cancer Prev. 2024 Jan 1;25(1):139-144. doi: 10.31557/APJCP.2024.25.1.139.

4. Sharma A, **Thakur N**, Thakur A, et al. The Challenge of Antimicrobial Resistance in the Indian Healthcare System. *Cureus*, 2023, 15(7): e42231. doi 10.7759/cureus.42231
5. Sharma A, **Thakur N**, Thakur A, Bhardwaj N. Role of Interventional Techniques in the management of Cancer Pain. *Asian Pac J Cancer Care*, 8 (2), 391-399 DOI:10.31557/APJCC.2023.8.2.391
6. Tiwari A, Sharma A, Jaswal S, **Thakur N**. Assessing the Patient Outcomes and Performance of a Cardiothoracic and Vascular Surgery (CTVS) Unit During Its First Two Years in a Tier-2 City in India: A Comprehensive Audit and Analysis. *Cureus*, 2023, 15(8): e42910. doi 10.7759/cureus.42910
7. Sharma A, Thakur A, **Thakur N**, et al. Changing Trend in the Antibiotic Resistance Pattern of Klebsiella Pneumonia Isolated From Endotracheal Aspirate Samples of ICU Patients of a Tertiary Care Hospital in North India. *Cureus*, 2023, 15(3): e36317. DOI 10.7759/cureus.36317
8. **Thakur N**, Kaur H, Kaur S, Sharma R, Lehal P, Sharma A. Radiotherapy Planning in Synchronous Bilateral Breast Cancer Irradiation: A Dosimetric Study. *Asian Pac J Cancer Care*, 9 (1), 43-48.
9. Kaur H, **Thakur N**, Sharma R, Sudan M, Jain N, Kaur S, Lehal P. Dosimetric comparison between carotid-sparing IMRT and 3DCRT in early glottic cancer patients treated with definitive radiation therapy. *J Cancer Res Ther*. 2024 Jan 1;20(1):327-332. doi: 10.4103/jcrt.jcrt\_1912\_22.

## Community Service

1. World Cancer Day on 4<sup>th</sup> February'2024
2. Organ donation awareness
3. Cancer awareness

## DEPARTMENT OF SURGICAL ONCOLOGY

### Faculty

| S. No. | Name              | Designation         | Date of Joining |
|--------|-------------------|---------------------|-----------------|
| 1.     | Dr Chitresh Kumar | Associate Professor | 09.12.2020      |

### About the Department

Currently the department of Surgical Oncology is running daily OPDs daily cancer screening and awareness and once in week major and minor OT. Most of the major cancer surgeries are being performed, open and laparoscopic as well.

**Vision:** State of the art minimally invasive and open surgical cancer care to the patients with evidence based multidisciplinary approach.

**Mission:** To provide surgical care to the cancer patient within 1 week of diagnosis.

### Patient Care Services:

Opportunistic cancer screening; Outpatient services; Minor surgical procedures; Major surgical procedures. The procedures only being done at AIIMS Bilaspur in entire HP: Scarless thyroidectomy, Retroperitoneoscopic

adrenalectomy, Fluorescence guided SLNB

**Academic Courses:** MCh Surgical Oncology

**Future Plans:** Fellowship in Oncoplastic Breast Surgery; MCh Breast and Endocrine Surgery

### Lectures Delivered/Papers or Posters Presented at CMEs /National & International Conference

| S. No. | Name of the faculty | Title of Lecture/ Paper/ Poster                     | CME/ Conference         | Date              | Organizer & Venue |
|--------|---------------------|-----------------------------------------------------|-------------------------|-------------------|-------------------|
| 1.     | Dr Chitresh Kumar   | Status update of cancer surgeries at AIIMS Bilaspur | NCI Oncology Consortium | February 11, 2024 | NCI, Jhajjar      |

### Research

| S. No. | Title of the Project                                                                                                                   | Name (Role)             | Extramural/ Intramural/ Self funded | Duration (Yrs) | Status (Ongoing/ Completed) | Total funds sanctioned (Rs.) |
|--------|----------------------------------------------------------------------------------------------------------------------------------------|-------------------------|-------------------------------------|----------------|-----------------------------|------------------------------|
| 1.     | A phase II trial comparing 18F-FDG PET CT or conventional follow-up in high risk breast cancer and its impact on survival (PET-Breast) | Co-I: Dr Chitresh Kumar | Multicentric Non funded             |                | Ongoing                     |                              |

### Publication

- Gour, K., Simha, A. & **Kumar, C.** Sternalis Muscle Found During Modified Radical Mastectomy: Clinical Significance. *Indian J Surg* **85**, 450–451 (2023).
- Thakur PS, **Kumar C.** Critical appraisal of total thyroidectomy is more cost-effective than radioactive iodine as an alternative to antithyroid medication for Graves' disease. *Surgery*. 2023 May;173(5):1311.

3. Agarwal S, Kar P, Boruah M, Saha S, Millo T, **Kumar C**, Vuthaluru S, Goswami R. Innate differences in the molecular signature of normal inferior & superior human parathyroid glands: potential implications for parathyroid adenoma. *Mol Cell Biochem.* 2023 Oct;478(10):2351-2359.
4. **Kumar C**, Jha CK. Honeycomb breast: An appearance of fibrocystic disease. *Trop Doct.* 2023 Jul;53(3):396-397.
5. Yadav SK, Lal G, Jain SB, Jha CK, Corwin C, Van Gorp B, Sharma CK, Kumar A, Sinha DK. Indian surgery Trainee's perspective on surgical ergonomics principles and education: A long road ahead. *Am J Surg.* 2023 Nov;226(5):735-740.
6. Sharma N, Kumari M, **Kumar C**. Opinion regarding hypercalcemia with a parathyroid hormone level of <50 pg/mL: Is this primary hyperparathyroidism? *Surgery.* 2023 Apr;173(4):1103-1104.
7. Mathew UE, Goyal A, Upadhyay AD, Kandasamy D, Agarwal S, Sharma CK, Sharma A, Bal C, Tandon N, Jyotsna VP. Clinical profile and treatment outcomes among patients with sporadic and multiple endocrine neoplasia syndrome-related primary hyperparathyroidism. *Clin Endocrinol (Oxf).* 2023 Nov;99(5):449-458.
8. Wakankar R, Dharmashaktu Y, Damle AN, Kumar P, Bal C, Kumar R, Tripathi M, Agarwal S, Khadgawat R, Chumber S, **Kumar C**. Role of <sup>18</sup>Fluorocholine Positron Emission Tomography/Computed Tomography in the Localization of Culprit Lesions in Patients of Persistent/Recurrent Primary Hyperparathyroidism: A Prospective Study in COVID Times. *Indian J Nucl Med.* 2023 Jul-Sep;38(3):218-223.

## Chapter(s) in Book

| S. No. | Author(s)                             | Chapter                                              | Name of the Editor | Title of the Book                                             | Publication Details (Edition, Year, Publisher)      |
|--------|---------------------------------------|------------------------------------------------------|--------------------|---------------------------------------------------------------|-----------------------------------------------------|
| 1.     | SVS Deo, A Mishra, C Kumar, S Bhorwal | Margin Assessment in Breast Conserving Surgery       | SVS Deo            | Breast Oncoplasty and Reconstruction: Principles and Practice | Germany: Springer Nature Singapore, 33-39 (2023).   |
| 2.     | SVS Deo, J Sharma, C Kumar, V Seenu   | Overview of Breast Reconstruction                    | SVS Deo            | Breast Oncoplasty and Reconstruction: Principles and Practice | Germany: Springer Nature Singapore, 179-181 (2023). |
| 3.     | SVS Deo, A Mishra, C Kumar, A Goyal   | Follow-Up and Cosmetic Outcomes in Breast Oncoplasty | SVS Deo            | Breast Oncoplasty and Reconstruction: Principles and Practice | Germany: Springer Nature Singapore, 283-290 (2023). |

## Awards, Honors and Significant Achievements

### Dr Chitresh Kumar

1. Life member of Asian Association of Mastology
2. Joint Secretary Indian Association of Endocrine Surgeons

## Community Service

1. Cancer screening of patient's attendants visiting surgical oncology OPD

## DEPARTMENT OF TRANSFUSION MEDICINE AND BLOOD BANK

### Faculty

| S. No. | Name             | Designation         | Date of Joining |
|--------|------------------|---------------------|-----------------|
| 1      | Dr. Rakesh Kumar | Assistant Professor | 27.11.2020      |

### About the Department

The Department of Transfusion Medicine and Blood Bank at our institution received its license for the collection, testing, processing, and distribution of blood on October 19, 2023. As a vital unit within our healthcare system, we are committed to ensure the safety, availability, and optimal use of blood and its components to save lives.

**Vision:** To be a leader in transfusion medicine by providing the highest quality of blood and blood products, ensuring the safety and well-being of patients, and advancing research and education in the field.

**Mission:** Our mission is to deliver exemplary patient care, advance medical knowledge through research, and educate future leaders in transfusion medicine. We strive to maintain a reliable and safe blood supply, promote voluntary blood donation, and innovate in transfusion practices and technologies.

#### Patient Care Services:

- **Blood Collection:** Regular blood donation camps and in-house donations to maintain an adequate blood supply.
- **Component Preparation:** Separation of whole blood into components like red cells,

platelets, and plasma to meet diverse patient needs.

- **Transfusion Services:** Safe and timely transfusion of blood products to patients, supported by comprehensive compatibility testing

**Academic Courses:** Postgraduate Training: Started MD program in Transfusion Medicine to develop skilled professionals in the field.

#### Future Plans:

- **Expansion of Services:** Increasing the capacity of our blood bank to meet the growing demand for blood products.
- **Research Initiatives:** Enhancing research efforts in transfusion medicine to develop new techniques and improve patient outcomes.
- **Public Awareness Campaigns:** Promoting voluntary blood donation through targeted campaigns and collaborations with NGOs.
- **Advanced Technologies:** Integrating cutting-edge technologies like automated blood processing to ensure the highest standards of safety and quality.

### Lectures Delivered/Papers or Posters Presented at CMEs /National & International Conferences

| S. No. | Name of the faculty | Title of Lecture/ Paper/ Poster | CME/ Conference  | Date             | Organizer & Venue   |
|--------|---------------------|---------------------------------|------------------|------------------|---------------------|
| 1      | Dr. Rakesh Kumar    | Equipment Management            | TRANSMEDCON 2023 | November 2, 2023 | GMCH-32, Chandigarh |

### Publications

1. Saini N, Garg S, **Kumar R**, Jain R, Sachdeva P. Seroprevalence and Trend of Transfusion Transmissible Infections in Blood Donors: A study from Tertiary Care Hospital in Punjab. Int J Acad Med Pharm. 2024;6(2):807-9.

## DEPARTMENT OF UROLOGY

### Faculty

| S. No. | Name              | Designation         | Date of Joining |
|--------|-------------------|---------------------|-----------------|
| 1      | Dr. Uma Kant Dutt | Assistant Professor | 28.06.2022      |

### About the Department

The Urology Department at AIIMS Bilaspur is committed to delivering exceptional patient care, pioneering urological research, and providing top-tier education and training. This annual report outlines our key achievements over the past year, the progress in our academic programs, and our strategic vision for the future.

**Vision:** Our vision is to be a leading urology department recognized globally for our clinical excellence, groundbreaking research, and outstanding educational programs, thereby improving the health and well-being of the communities we serve.

**Mission:** Our mission is to provide comprehensive, compassionate, and cutting-edge

urological care to our patients, to advance the field of urology through innovative research, and to educate and train the next generation of urologists to the highest standards of excellence.

### Patient Care Services:

Total Patients Seen-

Outpatient Visits- 11000

Inpatient Admissions: 260

Day care admissions: 220

Surgeries Performed: 450

**Academic Courses:** M.Ch to be started too soon

**Future Plans:** To start renal transplant programme & robotic procedures in urology department

### Community Service

1. Dr Umakant delivered a Live Radio Talk On Kidney Stone Management At Akashvani Hamirpur for public awareness.

## COLLEGE OF NURSING

### Faculty

| S. No. | Name              | Designation             | Date of Joining |
|--------|-------------------|-------------------------|-----------------|
| 1.     | Dr. Aditya Sharma | Professor-cum-Principal | 28.05.22        |
| 2.     | Dr. Monika Sharma | Associate Professor     | 16.05.23        |
| 3.     | Dr. Varinder Kaur | Associate Professor     | 01.05.23        |
| 4.     | Dr. Sumandeep     | Assistant Professor     | 25.04.23        |
| 5.     | Ms. Indu Bala     | Assistant Professor     | 21.04.23        |
| 6.     | Dr. Jyoti Kathwal | Assistant Professor     | 14.08.23        |

### About the Department

The Department of College of Nursing at AIIMS Bilaspur was established in 2022 with the recruitment of a Principal and 7 Tutors, and the finalization of foundational activities essential for starting a new institution. A significant milestone was achieved with the launch of its inaugural B.Sc (H) Nursing Batch 2022-2026, comprising 26 students in October 2022, followed by the second B.Sc (H) Nursing batch 2023-2027 with 34 students. The department has been actively involved in the development of the B.Sc (H) Nursing curriculum and the establishment of the department, focusing on recruitment, infrastructure development, and adhering to regulatory norms. The primary objective of the Department of College of Nursing is to provide students with ample opportunities to learn and grow professionally in the field of nursing, and to offer research-based and evidence-based clinical practices. The final examination for the B.Sc (H) Nursing 1st year was conducted from 18th September 2023 to 23rd September 2023, resulting in a commendable 96% pass rate result.

**Vision:** To become a leading center of excellence in nursing education, research, and patient care, recognized globally for advancing healthcare through the development of highly skilled nursing professionals.

**Mission:** To offer a transformative learning experience that imparts advanced nursing

knowledge, critical thinking skills, and compassionate care practices.

**Patient Care Services:** The department integrates classroom learning with hands-on clinical experiences, ensuring that students develop proficiency in patient care across diverse healthcare settings. Through partnerships with AIIMS Bilaspur's healthcare facilities, students gain practical exposure under the mentorship of experienced nursing professionals, preparing them to deliver high-quality patient care.

**Academic Courses:** Currently offering a B.Sc (H) Nursing program, the department plans to expand its academic offerings to include specialized nursing programs tailored to meet emerging healthcare needs. Future courses may include postgraduate programs in specialized nursing fields and interdisciplinary healthcare studies.

### Future Plan:

1. Introduction of PG Diploma, M.Sc. Nursing and Ph.D. courses.
2. Implementation of an Integrated Nursing Services Model.
3. Proposal and planning for a dedicated building for the College of Nursing (currently operating from the Night Shelter building).
4. Staff development programs (IEC for the staff).
5. Proposals for research projects by faculty and tutors.

## CMEs/Workshop/Symposia/National & International Conferences Organised

1. Vihaasa (Values in Healthcare: a spiritual approach) on February 23-24, 2024
2. Geriatric Update on March 22-23, 2024
3. Course started (ECHO India) – on Emotional intelligence for nurses on February 22, 2024
4. Organized World's AIDS day in collaboration with department of Community and Family Medicine on December 01, 2023

## Lectures Delivered/Papers or Posters Presented at CMEs /National & International Conferences

| S. No. | Name of the faculty | Title of Lecture/ Paper/ Poster                                                                             | CME/ Conference                                                 | Date              | Organizer & Venue                                        |
|--------|---------------------|-------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|-------------------|----------------------------------------------------------|
| 1.     | Dr. Aditya Sharma   | Introduction to elderly care - Ageing process, theories, and myth related to ageing                         | Workshop                                                        | March 22-23 2024  | College of Nursing                                       |
| 2.     | Dr. Monika Sharma   | Prescribing Competencies                                                                                    | Workshop/CNE on Zero Medication Error: Nurses' Role             | May 20, 2023      | Gian Sagar College of Nursing, Rajpura, District Patiala |
| 3.     | Dr. Monika Sharma   | Effect of Early vs Late Mobilization on the Length of ICU Stay among Critically Ill Patients                | International Conference of Nursing Research (ICNR 2024)        | February 10, 2024 | VDGOOD Professional Association, India                   |
| 4.     | Dr. Monika Sharma   | Neurological, Integumentary and Sensory organs related health problems among elderly and Nursing Management | Workshop/CNE on Geriatric Update                                | March 22-23, 2024 | College of Nursing, AIIMS Bilaspur                       |
| 5.     | Dr. Monika Sharma   | Safety Protocols                                                                                            | Workshop/CNE on the theme "Patient Safety: Nurse's Perspective" | March 30, 2024    | Sri Guru Ram Das College of Nursing, Amritsar            |
| 6.     | Dr. Varinder Kaur   | Role of family and nurse in geriatric care & care for care givers                                           | Workshop                                                        | March 22-23, 2024 | College of Nursing                                       |
| 7.     | Dr. Jyoti Kathwal   | Nurse Led Innovation in Nursing Practice                                                                    | International Conference                                        | January 06, 2024  | South Gujarat University, Surat                          |
| 8.     | Dr. Jyoti Kathwal   | Pathophysiological changes in body - Diabetes                                                               | CNE                                                             | October 20, 2023  | SGT University                                           |
| 9.     | Dr. Jyoti Kathwal   | Importance of Publication in Indexed Journal and Preventing Predatory Publications                          | Workshop                                                        | November 28, 2023 | Arkajain University                                      |

|     |                   |                                                                                  |                       |                   |            |
|-----|-------------------|----------------------------------------------------------------------------------|-----------------------|-------------------|------------|
| 10. | Dr. Jyoti Kathwal | Gender Inequity in Nursing                                                       | CNE                   | October 27, 2023  | ECHO India |
| 11. | Dr. Jyoti Kathwal | Overview of Forensic Nursing                                                     | CNE                   | Dec 2023          | MMDU       |
| 12. | Dr. Jyoti Kathwal | Efficacy of Virtual Learning program on ECG interpretation and Clinical judgment | Conference-Shodhutsav | February 19, 2024 | MMDU       |

## Research

| S. No. | Title of the Project                                           | Name (Role)                                                       | Extramural/ Intramural/ Self funded | Duration (Yrs) | Status (Ongoing/ Completed) | Total funds sanctioned (Rs.) |
|--------|----------------------------------------------------------------|-------------------------------------------------------------------|-------------------------------------|----------------|-----------------------------|------------------------------|
| 1.     | Research on effect of Yoga on stress management among students | PI: Dr. Aditya Sharma<br>Co-I: Ms. Upma Sharma, Ms. Chanchal Rani |                                     | 1Yr            | Ongoing                     | NA                           |

## Publications

1. Kaur A, **Sharma M**, Sharma K, Sood P, Effect of Early vs Late Mobilization on the Length of ICU Stay among Critically Ill Patients *International Journal of Health Sciences and Research*, 2023 May; 12 (05):82-89.

## Chapter(s) in Book

| S. No. | Author(s)                          | Chapter                                 | Name of the Editor | Title of the Book                                          | Publication Details (Edition, Year, Publisher)                                |
|--------|------------------------------------|-----------------------------------------|--------------------|------------------------------------------------------------|-------------------------------------------------------------------------------|
| 1.     | Monika Sharma, Narinder Kaur Walia | Chapter 70- Disorders of thyroid gland  | Dr. Sukhpal Kaur   | Adult Health Nursing-I Medical Surgical Nursing            | First Edition: 2023 Jaypee Brothers Medical Publishers ISBN 978-93-5465-918-8 |
| 2.     | Narinder Kaur Walia, Monika Sharma | Chapter 71- Parathyroid gland disorders | Dr. Sukhpal Kaur   | Adult Health Nursing-I Medical Surgical Nursing            | First Edition: 2023 Jaypee Brothers Medical Publishers ISBN 978-93-5465-918-8 |
| 3.     | Dr. Varinder Kaur                  | Complete book                           | Dr. Anuj Dhir      | Essential of Professionalism, Professional Values & Ethics | First edition; 2023 CBS Publisher & Distributor ISBN- 978-93-90619-86-3       |

## Awards, Honors and Significant Achievements

Dr Aditya Sharma

- Preparation of Cumulative record for B.Sc (H) Nursing.
- Preparation of Logbook record for B.Sc (H) Nursing.
- Compilation of Syllabus for B.Sc (H) Nursing.

Dr Monika Sharma

- BLS Instructor and ACLS Instructor under American Heart Association (AHA)
- Received Best Oral Presentation Award in the International Conference of Nursing Research (ICNR 2024), held on 10th Feb 2024 organized by VDGGOOD Professional Association, India
- Remained Executive member in TNAI Punjab State Branch: Chairperson of Membership Committee and resigned on 16th November 2023.
- Editorial member in WOCSI (Wound and Ostomy Care Society of India), Journal of Medical Sciences
- Reviewer in Journal of Medical Evidence
- Reviewer in Indian Journal of Community Medicine
- Convener for the workshop on “Values in Healthcare -A Spiritual Approach (VIHASA) on dated 23rd and 24th of February 2024
- Invited as a Judge for Extempore Speech in 30th SNAI Biennial Punjab State Conference 2023 on 3rd October 2023 at SKSSCON Saraba Ludhiana.
- Invited as a Judge for Personality Contest and Poster Competition in 30th SNAI Biennial Himachal Pradesh State Conference 2023 on 21st October 2023 at M.M.U. College of Nursing at Kumarhatti Solan.
- Lifetime member of Trained Nurses Association of India (TNAI) and Clinical Nursing Research Society (CNRS)

Dr Varinder Kaur

- Got 2nd prize in poem writing competition organized by department of Pharmacology on the occasion of celebrating national Pharmacovigilance week on dated 04/10/2023.
- Got 2nd prize in slogan writing competition organized by department of Microbiology and internal medicine on international infection and prevention week on dated 21/10/2023.
- Got 3rd prize in slogan writing competition organized by department of neonatology on national new born week on dated 21/11/2023.
- Life time member of Trained Nurses Association of India (TNAI) , National Research society of India (NRSI) and Society of community health nursing in India (SOCHNI), committee member of Nurses week and oath ceremony of 2022.
- Convener of the oath ceremony of batch 2023-2027.
- Successfully completed Karmayogi module (using IGOT platform Oct 2023).

Dr Sumandeep Kaur

- Received certificate of appreciation by Indian Academy of Pediatrics in August 2023 for organizing multiple Neonatal Resuscitation Program in District Faridkot, Punjab.
- Successfully completed Karmayogi module (using IGOT platform Nov 2023).

Dr Jyoti Kathwal

- Nursing Ratna Award – Sept 2023

## Community Service

Dr Aditya Sharma

- Chairperson of all the activities held at College of Nursing.

- Chairperson of World AIDS Day Awareness programme organized at GSSS Ragunathpura and AIIMS, Bilaspur in collaboration with Community Department AIIMS, Bilaspur 1/12/2023.
- Chairperson for organizing “Nurses week” May 2023 for patients in various units of AIIMS, Bilaspur.
- Health education on Digital Detox - in community
- Chairperson for Organized School Health program on well balanced diet and Drug Deaddiction at Govt. Sen. Sec. School Raghunathpura on 15/05/2023

Dr Varinder Kaur

- Organized World AIDS awareness program on dated 01/12/2023 in collaboration with community and family medicine department (Nukkad Natak on AIDS awareness in amphitheatre).

Dr. Sumandeep Kaur

- Organized Breast week celebration related activities on first week of August 2023 for the patients in maternity ward AIIMS, Bilaspur
- Supervised Health talks on arthritis and hypertension on May 2023 for patients in OPD reception area AIIMS, Bilaspur.
- Worked as committee member for organizing “Nurses week” May 2023 for patients in various units of AIIMS, Bilaspur.

Mrs. Indu Bala

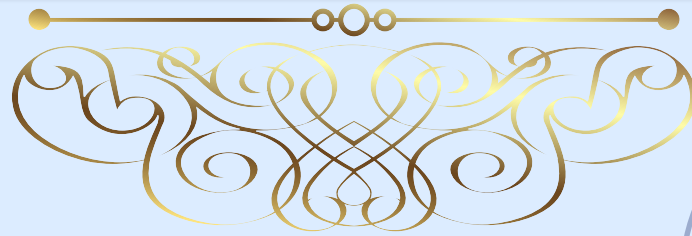
- Organized Breast-feeding week celebration activities in the first week of August 2023 for the patient in OBG ward AIIMS Bilaspur.
- Supervised health talks on Eye flu in medical ward in May 2023.
- Worked as a committee member for organizing “Nurses week” in May 2023.

Dr. Jyoti Kathwal

- Organized workshop on Geriatric update- “Your care our commitment” at college of Nursing dated 22<sup>nd</sup> -23<sup>rd</sup> March 2024
- Health education on Digital Detox - in community



## COMMUNITY OUTREACH





## COMMUNITY OUTREACH ACTIVITIES



### Gender Equality and Prevention of sexual harassment at Workplace – 2<sup>nd</sup> May 2023

A sensitization programme was organized by the Internal Complaints Committee for the faculty of medical and nursing college, students, technical staff, and ministerial staff to raise awareness regarding gender equality and prevention of sexual harassment at the workplace at AIIMS, Bilaspur.

### Nursing Health Programme – 15<sup>th</sup> May 2023

Department of Nursing, AIIMS Bilaspur organized a school health awareness program on balanced diet and drug deaddiction for students of Govt Senior Secondary School, Raghunathpura, district Bilaspur.



### World Lupus Awareness Day - 10<sup>th</sup> May 2023

World Lupus Awareness Day was celebrated by Department of Internal Medicine to make public aware of the various aspects of Lupus disease. An e-poster making & E-slogan writing competition was also organized on this occasion, in which faculty members, nursing officers and MBBS student took part and displayed their creative skill to make public aware of arthritis. Patients shared their experience of living with lupus & spoke in detail about how treatment reduced their disease burden.



### Blood Donation Day – 14<sup>th</sup> June 2023

On the occasion of “WORLD BLOOD DONOR DAY”, the Department of Transfusion Medicine and Blood Bank organized a blood donation camp and a poster-making competition at AIIMS, Bilaspur Campus.





## International Yoga Day - 21<sup>st</sup> June 2023

International Yoga Day was observed with great fervor at AIIMS Bilaspur. Faculty, staff, M.B.B.S., B.Sc. Nursing and B.Sc. (Allied Sciences) students participated in the Yoga event organized at the AYUSH Block to spread awareness among the general public.

## Community Dermatology Day – 26<sup>th</sup> August 2023

Department of Dermatology, AIIMS Bilaspur organized a skin health camp on this day for students of Jawahar Navodaya Vidyalaya, Bilaspur, and also conducted an awareness session.



## World Breastfeeding Week – 1<sup>st</sup> to 7<sup>th</sup> August 2023

Outreach session conducted at health and wellness center, Roura by the Department of Community & Family Medicine during World Breastfeeding Week. The department conducted a health education session for Anganwadi workers and their supervisor at AWC, Mandi Manwa. About 20 AWWs were educated about breastmilk expression and feeding techniques.

## National Nutrition Week – 2<sup>nd</sup> September 2023

Department of Community and Family Medicine AIIMS Bilaspur conducted various activities under National Nutrition Week. AWW were educated about a healthy diet and the importance of millets. The height, weight, blood pressure, blood sugar, and hemoglobin profiles of patients were checked followed by their counseling regarding a balanced diet, and prevention of anemia, diabetes, and hypertension.





## Regional Summit on Non-Communicable Diseases – 4<sup>th</sup> September 2023

A collaborative effort by AIIMS Bilaspur and ECHO India successfully conducted the Regional Summit on Non-Communicable Diseases (NCDs) at AIIMS, Bilaspur on September 2023. This event united healthcare experts, policymakers, and stakeholders to collectively address the challenges in NCDs.

## Pharmacovigilance week – 17<sup>th</sup> to 23<sup>rd</sup> September 2023

Department of Pharmacology organized an awareness campaign for the general public and pharmacists at Regional Hospital, Bilaspur to enhance the reporting of adverse drug reactions. The theme was “Boosting Public Confidence in Pharmacovigilance.”



## Cervical Cancer Prevention Drive – 21<sup>st</sup> September 2023

Department of Obstetrics and Gynaecology, AIIMS Bilaspur organized an awareness drive on cervical cancer prevention and control. The main aim of the program was to sensitize patients and attendants visiting the hospital.

## Awareness programme on Sleep Hygiene and Health – 23<sup>rd</sup> September 2023

Department of Physiology AIIMS Bilaspur conducted an awareness session on sleep hygiene and health for college-going students of Government Postgraduate College, Bilaspur.



## **“Mainstreaming of Millets: need of the hour” – 26<sup>th</sup> September 2023**

A one-day workshop was organized by the community outreach cell. This workshop was attended by 70 Anganwadi workers, mess, and canteen operators from AIIMS Bilaspur. The goal of the workshop was to inform participants about the benefits of millets and to provide them hands on training to include millets into daily diets.



## **Organ donation Day – 27<sup>th</sup> September 2023**

The departments of Nephrology, Medicine, and Urology raised awareness about organ donation in the OPD block of AIIMS Campus as part of the Ayushman Bhav program of MoHFW.

## **World Heart Day – 29<sup>th</sup> September 2023**

Department of Cardiology in collaboration with the Department of Medicine organized patient oriented awareness event in Cardiology OPD AIIMS Bilaspur to teach people through interactive talks with patients by a heart specialist, nukkad natak, pamphlets, e-poster, slogans, diet, and lifestyle modification lectures.



## **World Urticaria Day - 30<sup>th</sup> September and 1<sup>st</sup> October 2023**

The Department of Dermatology celebrated the World Urticaria Day by carrying out a two-day event, organizing a poster competition, and spreading awareness among the public about various aspects of Urticaria at AIIMS Bilaspur.



## International Day of Older Persons – 30<sup>th</sup> September 2023

Department of Community Medicine and Department of Otorhinolaryngology, AIIMS Bilaspur organized a health check-up camp for the elderly at Apna Ghar Vridh Ashram Deoli, Bilaspur.

## World Mental Health Day – 10<sup>th</sup> October 2023

Department of Community & Family Medicine, AIIMS Bilaspur with support from Block Medical Officer, Civil Hospital, Markand celebrated the day at District Institute of Education and Training, Jukhala. The declamation contest was held among JBT students at institute on the theme 'Mental health is a universal human right'. The posters prepared by MBBS students were displayed at the event. More than 100 students and staff members participated in the event.



## Cancer Screening Awareness Programme – 12<sup>th</sup> October 2023

The Department of Oncology and Department of Pathology organized a Cancer Screening Awareness Programme in the reception area of OPD block AIIMS Bilaspur. The programme included informative talks by the faculty on cervical, breast, oral, and colon cancer screening.

## World Arthritis Day – 12<sup>th</sup> October 2023

Department of Internal Medicine and Department of Orthopedics at AIIMS Bilaspur organized an awareness program to raise awareness of various aspects of arthritis. An e-poster-making and e-slogan writing competition was organized for faculty, nursing officers, and MBBS students. Patients shared their experience of living with arthritis & spoke about how treatment reduced their disease burden.





## World Anaesthesia Day – 16<sup>th</sup> October 2023

Department of Anaesthesiology celebrated World Anaesthesia Day with great enthusiasm. The staff showcased their creativity in the Rangoli competition, while MBBS students engaged in an informative CME on BLS along with a hands-on demonstration under the aegis of RSACP.

## World Trauma Day – 17<sup>th</sup> October 2023

Department of General Surgery organized a Training cum community outreach session with the theme -"Continuum of care " for medical officers, Nursing officers, paramedical staff, and public present in CHC Markand. The staff were sensitized regarding the initial management of Trauma patients according to ATLS Guidelines.



## Continued Rehabilitation Education Program – 10<sup>th</sup>-11<sup>th</sup> November 2023

The Community & Family Medicine department conducted the program at the Composite Regional Center, Sunder Nagar. The program focused on Autism Spectrum Disorders: Diagnosis and Management and was attended by 100 special educators and clinical psychologists from HP, Rajasthan, Delhi, UP, Punjab, and Haryana.

## World AIDS Day 2023 – 1<sup>st</sup> December 2023

Department of Community and Family Medicine, AIIMS Bilaspur (HP), highlighted the need to unleash the full potential of community leadership to end AIDS. MBBS students created awareness among Government Senior Secondary School, Kothipura students, by presenting a nukkad natak to raise awareness on modes of transmission and prevention of HIV/AIDS. The Executive Director, AIIMS Bilaspur flagged off an awareness rally for MBBS students and B.Sc. Nursing students.



## Health check-up camp – 30<sup>th</sup> November 2023

The Community Outreach Cell, AIIMS, Bilaspur organized a health check-up camp for drug addicts at Nurpur, Distt. Kangra, Himachal Pradesh. This area is located on the border of Himachal Pradesh and Punjab, which is a harsh place due to remote geographical conditions. Health services were provided by experts, Dr. Meenal M. Thakre, Additional Professor, Department of Community and Family Medicine, AIIMS, Bilaspur as coordinator, Dr. Shilpa Chaudhary, Dentist and Shri Anil Kumar, Medical Social Services Officer and Clinical Psychologist. About 30 known cases of substance abuse and 40 others attended the camp and were benefited. Apart from counselling sessions, screening for mental disorders, dental health, and general health check-ups were provided.



## Multispecialty camp – 30<sup>th</sup> December 2023

AIIMS Bilaspur organized a multispecialty camp at Gram panchayat Jhandutta, block Jhandutta district Bilaspur as part of the Viksit Bharat Sankalp Yatra. The camp included specialists from the Departments of General Medicine, Community & Family Medicine, Otorhinolaryngology, Obstetrics & Gynaecology, and Orthopaedics. The total gathering was around 90 people in the camp. Health-related complaints from people of different ages were addressed. The team conducted a Non-Communicable Disease screening camp for hypertension, diabetes, ENT problems, gynaecological and musculoskeletal problems. The people were also made aware of the benefits of the Ayushman Bharat Pradhan Mantri Jan Arogya Yojana (PM-JAY).



## VIKSIT BHARAT SANKALP YATRA

The Community & Family Medicine department actively participated in the Viksit Bharat Sankalp Yatra in Bilaspur from November to December 2023.

- On 30<sup>th</sup> November 2023, they conducted an NCD screening camp for hypertension and diabetes at Gram Panchayat Amarpur, District Bilaspur (55 participants), 7th December 2023 at Gram Panchayat Binola, Block Sadar, Bilaspur, with 25 participants.
- On 8th December 2023, they organized an NCD screening camp for the elderly at Apna Ghar Vridhh Ashram (Old Age Home), Deoli, Bilaspur, with 17 participants.
- On 11th December 2023, an NCD screening camp was held for specially-abled persons at Asha Kiran Divyang Shiksha Sansthan, VPO Kothi, Bilaspur, attended by 20 participants.
- Further NCD screening camps were conducted on 12th December 2023 at Gram Panchayat Chandpur (20 participants), 13th December 2023 at Gram Panchayat Raghunathpura (25 participants), and 14th December 2023 at Gram Panchayat Nauni (10 participants).
- On 15th December 2023, the department organized an NCD screening camp at Kamdhenu, Namhol, with 51 participants.
- Additional camps were held on 18th December 2023 at Gram Panchayat Hirapur, Block Jhandutta (70-80 participants), 19th December 2023 at Gram Panchayat Panjail Khurd, Block Sadar (18 participants), and 20th December 2023 at Paata (Ghumarwin) (45 participants).
- The department also conducted screenings on 23rd December 2023 at Chaat Panchayat, Bilaspur (22 participants), 24th December 2023 at Ghedvi, HP (19 participants), 26th December 2023 at Ghumarwin, Bilaspur (6 participants), 27th December 2023 at Galian Panchayat Bilaspur (16 participants), 28th December 2023 at Kothipura, Bilaspur (27 participants), and 29th December 2023 at Rajpura Panchayat, Bilaspur (6 participants).



## **Cervical Cancer Awareness Month – 25<sup>th</sup> January 2024**

Department of Community & Family Medicine and Department of Obstetrics and Gynaecology organized an awareness session at Jawahar Navodaya High School, Kothipura. Around 200 adolescent girls from classes 8 to 12 attended the event. The session included awareness regarding burden, risk factors, and vaccination for prevention of cancer cervix & menstrual hygiene.



## **Anti Leprosy Day – 30<sup>th</sup> January 2024**

Department of Dermatology in collaboration with Community and Family Medicine and the College of Nursing celebrated Anti Leprosy Day with the theme “Ending Stigma, Embracing Dignity.” The event featured activities such as poster making, Nukkad Natak, and an awareness rally to educate the public about leprosy and combat stigma. Over 200 people participated in the event.

## **Visit to Hospital Program – 30<sup>th</sup> January 2024**

The Department of Community & Family Medicine participated in a visit-to-hospital program for school students as part of STEM activities. The visit focused on educating school students about education opportunities at AIIMS, health services, and adolescent health and was attended by 23 students of G.S.S.S. Karkoh at AIIMS Bilaspur.



## **World Obesity Day – 4<sup>th</sup> March 2024**

The Department of Community and Family Medicine organized a series of activities including a “Healthy Food Potluck” competition for students in collaboration with the D.A.V. school authorities. Additionally, an awareness walk titled 'Let's Walk Together to Fight Obesity' was organized at AIIMS Bilaspur. The event was attended by 100 students at DAV School and 125 participants at AIIMS Bilaspur.



## World Glaucoma Day – 12<sup>th</sup> March 2024

The Ophthalmology department celebrated this day as part of World Glaucoma Week (10th to 16th March). The awareness campaign included a street play and an e-poster competition for MBBS students. The event saw participation from 75 patients and attendants, along with 12 MBBS students.

## World Kidney Day – 14<sup>th</sup> March 2024

Department of Nephrology, AIIMS Bilaspur, and the Society for Kidney Care jointly organized the event. The faculty and residents, nursing, and paramedical staff attended the event. MBBS students 2023 batch enacted a play to increase awareness of the importance of kidneys to our health. A poster competition was organized for the students of B. Sc. Dialysis Therapy Technology.



## NCD Screening Camp – 21<sup>st</sup> March 2024

At Nalwari Mela at Luhnu Mela Ground in Bilaspur (HP), the Department of Community and Family Medicine of AIIMS Bilaspur (HP) organized a health camp for hypertension and diabetes screening along with height, weight measurement, and hemoglobin level assessment of the patients. Individuals who were 25 years of age or older underwent bone density testing. A total of 43 people availed health services at the camp.

## World Tuberculosis (TB) Day – 22<sup>nd</sup> March 2024

Department of Community and Family Medicine organized various activities including street play at Panchayat Ghar, Rajpura, Block Markand to spread awareness on TB. Allied Health Sciences (BSc) and MBBS first-year students participated in Quiz competitions on the topic 'Yes - We can end TB'. Each activity was followed by a critical, health education message on TB by faculty members.



## OTHER COMMUNITY OUTREACH ACTIVITIES

| S. No. | Department                          | Type of Activity                                   | Date                                         | Nature/Title                                                                                      | Beneficiaries | Location                                    |
|--------|-------------------------------------|----------------------------------------------------|----------------------------------------------|---------------------------------------------------------------------------------------------------|---------------|---------------------------------------------|
| 1.     | Community & Family Medicine         | World Health Day                                   | 7 <sup>th</sup> April 2023                   | Quiz for MBBS students                                                                            | 55            | AIIMS Bilaspur                              |
| 2.     | College of Nursing                  | School Health Programme                            | 12 <sup>th</sup> May 2023                    | Awareness program on Healthy food                                                                 | 70            | GSS School Raghunathpura                    |
| 3.     | Cardiology, Medicine and Nephrology | Check-up camp for Police Personnel                 | 17 <sup>th</sup> May 2023                    | Hypertension screening camp                                                                       | 100           | Police line Bilaspur                        |
| 4.     | Psychiatry                          | Observed World Schizophrenia Day                   | 24 <sup>th</sup> May 2023                    | Awareness programme                                                                               | -             | Composite Regional Centre (CRC) Sundernagar |
| 5.     | ENT                                 | Multidisciplinary health check-up camp             | 26 <sup>th</sup> – 27 <sup>th</sup> May 2023 | In coordination with “Chetana Sanstha” under the District Disability Rehabilitation Center Scheme | 400           | villages Marotan and Dhar Tatoh             |
| 6.     | Community & Family Medicine         | Sensitization program on Menstrual Hygiene Day     | 28 <sup>th</sup> May 2023                    | A sensitization program on “Menstrual Hygiene and Health”                                         | 250           | DAV Public School, Bilaspur                 |
| 7.     | Physiology                          | Community Yoga Camp before International Yoga Day  | 5 <sup>th</sup> -10 <sup>th</sup> June 2023  | Yoga Camp                                                                                         | -             | Gram Panchayat, Kothipura, Bilaspur         |
| 8.     | Community & Family Medicine         | Awareness drives to prevent vector-borne diseases. | 30 <sup>th</sup> June 2023                   | Nukkad Natak, Posters to spread awareness on preventing Dengue and Malaria                        | 50            | AIIMS Bilaspur                              |

|     |                                       |                                                                                           |                                   |                   |    |                                       |
|-----|---------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------------|-------------------|----|---------------------------------------|
| 9.  | Obstetrics & Gynaecology              | Health Education on GDM                                                                   | 25 <sup>th</sup> Aug 2023         | Awareness program | 30 | AIIMS Bilaspur                        |
| 10. | Community & Family Medicine           | Nukkad Natak on World Population Day                                                      | 11 <sup>th</sup> July 2023        | Awareness drive   | 50 | Anganwadi center Nai Sarli, Kothipura |
| 11. | Obstetrics & Gynaecology              | Health education on contraception                                                         | 12 <sup>th</sup> July 2023        | Awareness program | 30 | AIIMS Bilaspur                        |
| 12. | Obstetrics & Gynaecology              | health education on changes during pregnancy                                              | 19 <sup>th</sup> July 2023        | Awareness program | 30 | AIIMS Bilaspur                        |
| 13. | College of Nursing                    | Group Health Education on Diabetes Control & Hygiene and BMW management                   | 25 <sup>th</sup> July 2023        | Awareness program | -  | AIIMS Bilaspur                        |
| 14. | Obstetrics & Gynaecology              | Health education on PCOD                                                                  | 26 <sup>th</sup> July 2023        | Awareness program | 30 | AIIMS Bilaspur                        |
| 15. | Obstetrics & Gynaecology              | Health education on cervical cancer                                                       | 9 <sup>th</sup> Aug & 17 Aug 2023 | Awareness program | 30 | AIIMS Bilaspur                        |
| 16. | College of Nursing                    | Group Health Education on benefits of breastfeeding and its techniques                    | 17 <sup>th</sup> Aug 2023         | Awareness program | -  | AIIMS Bilaspur                        |
| 17. | Transfusion Medicine and Blood Centre | Blood donation Camp                                                                       | 22 <sup>nd</sup> Sept 2023        | Blood donation    | -  | AIIMS Bilaspur                        |
| 18. | Anatomy                               | Body Donation Awareness Campaign                                                          | 20 <sup>th</sup> Sept 2023        | Awareness program | -  | Nauni Panchayat (Bilaspur)            |
| 19. | Biochemistry                          | Role of healthy diet and exercise in the prevention of anaemia and nutritional deficiency | 27 <sup>th</sup> Sept 2023        | Awareness program | -  | JNV Kothipura                         |

## AIIMS Bilaspur Annual Report 2023-24

|     |                             |                                                         |                                                  |                                                  |      |                                       |
|-----|-----------------------------|---------------------------------------------------------|--------------------------------------------------|--------------------------------------------------|------|---------------------------------------|
| 20. | ENT                         | Awareness of Head and Neck cancer                       | 27 <sup>th</sup> Sept 2023                       | Nukkad Natak and Awareness program               | -    | AIIMS Bilaspur                        |
| 21. | Community & Family Medicine | Sensitization session for school students               | 19 <sup>th</sup> Sept & 3 <sup>rd</sup> Oct 2023 | Awareness program                                | 80   | G.S.S.S. Raghunathpura                |
| 22. | Dermatology                 | World Psoriasis Day                                     | 30 <sup>th</sup> Oct 2023                        | Psoriasis Awareness Drive                        | 50   | AIIMS Bilaspur                        |
| 23. | Burns and Plastic Surgery   | Safe Diwali Celebration workshops                       | Oct 2023                                         | Workshop on firecracker hazard & first aid       | 1500 | Schools across Bilaspur               |
| 24. | Paediatrics                 | National Newborn Week                                   | 15-21 Nov 2023                                   | Awareness program                                | 120  | Parohi, Nai Sarli, AIIMS Bilaspur     |
| 25. | Obstetrics & Gynaecology    | Health education on GDM                                 | 23 <sup>rd</sup> Nov 2023                        | Awareness program                                | 15   | AIIMS Bilaspur                        |
| 26. | Obstetrics & Gynaecology    | Health Education on Antenatal Care                      | 30 <sup>th</sup> Nov 2023                        | Awareness program                                | 15   | AIIMS Bilaspur                        |
| 27. | Trauma Centre               | Road Safety Abhiyan                                     | 6 <sup>th</sup> Jan 2024                         | Safety awareness Program                         | 43   | Govt. Sr. Sec. School Deoth, Bilaspur |
| 28. | Psychiatry                  | Stress management                                       | 16 <sup>th</sup> Feb 2024                        | Online lecture for the families of BSF personnel | 100  | Jalandhar                             |
| 29. | Psychiatry                  | Mental Health Awareness and Suicide Prevention          | 17 <sup>th</sup> Feb 2024                        | Interactive lecture for students                 | 134  | AIIMS Bilaspur                        |
| 30. | Medicine, Dermatology       | Health camp                                             | 22 <sup>nd</sup> Feb 2024                        | free medical health checkup camp                 | 50   | Panjgain, Bilaspur                    |
| 31. | Psychiatry                  | How to Cope with Relationship Issues & Handling Failure | 15 <sup>th</sup> March 2024                      | Interactive lecture for students                 | 80   | AIIMS Bilaspur                        |

## AIIMS BILASPUR IN MEDIA

| S. No. | News                                                                         | Newspaper    | Date       |
|--------|------------------------------------------------------------------------------|--------------|------------|
| 1      | एम्स बिलासपुर के डॉक्टरों ने जटिल ऑपरेशन कर निकाल दी पित्ताशय की विशाल पथरी  | अमर उजाला    | 15.04.2023 |
| 2      | एम्स की पंजिकरण प्रक्रिया में शातिरों की सेंध                                | दैनिक जागरण  | 21.04.2023 |
| 3      | बिलासपुर एम्स में गर्भाशय कैंसर का होगा इलाज़, लेप्रोस्कोपिक सर्जरी भी       | अमर उजाला    | 24.04.2023 |
| 4      | एम्स में काम आएगी फिरोजपुर के गुरमीत सिंह की देह                             | दैनिक जागरण  | 21.05.2023 |
| 5      | डिलीवरी के केस नहीं संभाल पा रहा एम्स                                        | अमर उजाला    | 01.07.2023 |
| 6      | एम्स ने शिमला रेफर की गर्भवति, रास्ते में ईएमटी ने एंबुलेंस में करवाया प्रसव | दैनिक जागरण  | 01.07.2023 |
| 7      | एम्स से रेफर गर्भवती का एम्बुलेंस कार्मिकों ने करवाया प्रसव                  | दैनिक जागरण  | 01.07.2023 |
| 8      | एमबीबीएस प्रशिक्षुओं ने दी शानदार प्रस्तुति                                  | दैनिक जागरण  | 21.07.2023 |
| 9      | Cultural Extravaganza by AIIMS-Bilaspur Students                             | The Tribune  | 21.07.2023 |
| 10     | तनीषा मिस, करण मिस्टर रेज़ल                                                  | अमर उजाला    | 21.07.2023 |
| 11     | 6 माह से बिस्तर पर, ऑपरेशन के दूसरे दिन वॉकर से चलने लगी मरीज                | अमर उजाला    | 07.09.2023 |
| 12     | एम्स के डॉक्टरों ने किया मरीज की कोहनी बदलने का सफल ऑपरेशन                   | अमर उजाला    | 19.09.2023 |
| 13     | एम्स बिलासपुर के नाम जुड़ा एक और तमगा                                        | दैनिक जागरण  | 19.09.2023 |
| 14     | एम्स में फ्रेशर पार्टी रेज़ल का आयोजन                                        | पंजाब केसरी  | 03.10.2023 |
| 15     | एम्स का एक साल पूरा, शुरू हो सकते हैं नए पाठ्यक्रम                           | दिव्य हिमाचल | 06.10.2023 |
| 16     | हिमाचल के दुर्गम क्षेत्रों में खून-दवाएं पहुंचाएगा ड्रोन                     | दिव्य हिमाचल | 07.10.2023 |
| 17     | रेफर मरीज से पहले एम्स बिलासपुर में ड्रोन से पहुंचेगा उसका ब्लड सैपल         | अमर उजाला    | 07.10.2023 |
| 18     | एम्स बिलासपुर में नए छात्रों का स्वागत                                       | दिव्य हिमाचल | 08.10.2023 |
| 19     | एम्स में डाक्टरों ने गठिया रोग पर मरीज को किया जागरूक                        | अमर उजाला    | 13.10.2023 |
| 20     | ज्वाइंट सेक्रेटरी अकिता मिश्रा ने किये मां नयना के दर्शन                     | दिव्य हिमाचल | 16.10.2023 |
| 21     | एम्स बिलासपुर में ड्रोन से दवाइयां सप्लाई                                    | दिव्य हिमाचल | 16.10.2023 |
| 22     | एम्स बिलासपुर में मिलेगी बोन मेरो ट्रांसप्लांट की सुविधा                     | अमर उजाला    | 21.10.2023 |
| 23     | एम्स बिलासपुर, धार टटोह, भराड़ी में खुलेंगी राज्य सहकारी बैंक की शाखाएं      | दिव्य हिमाचल | 23.10.2023 |
| 24     | मरीजों को राहत : एम्स में दवाओं पर मिलेगी 80 फीसदी तक की छूट                 | अमर उजाला    | 23.10.2023 |
| 25     | एम्स की बेहतरी के लिए सुविधाओं में नहीं राखी जाएगी कोई कमी: नड्डा            | अमर उजाला    | 24.10.2023 |

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|----|------------------------------------------------------------------------------|--------------|------------|
| 26 | एम्स बिलासपुर: दूसरे चरण के निर्माण के लिए और ज़मीन का होगा अधिग्रहण         | अमर उजाला    | 25.10.2023 |
| 27 | पीएचसी से एम्स तक चलेगा स्वास्थ्य कार्ड                                      | दिव्य हिमाचल | 25.10.2023 |
| 28 | एम्स बिलासपुर में कैंसर युक्त हड्डी का सफल ट्रांसप्लांट                      | अमर उजाला    | 26.10.2023 |
| 29 | एम्स के चिकित्सकों ने सर्जरी से बदल दी ज़िन्दगी                              | दैनिक जागरण  | 26.10.2023 |
| 30 | एम्स में हड्डी कैंसर के मरीज की जटिल सर्जरी सफल                              | दिव्य हिमाचल | 26.10.2023 |
| 31 | एम्स बिलासपुर में नवंबर से शुरू किया जाएगा ब्लड बैंक                         | अमर उजाला    | 28.10.2023 |
| 32 | एम्स में अगले साल से शुरू होगा पेट स्कैन                                     | अमर उजाला    | 31.10.2023 |
| 33 | एम्स में अगले साल मिलेगी किडनी ट्रांसप्लांट की सुविधा                        | अमर उजाला    | 04.11.2023 |
| 34 | एम्स बिलासपुर में सीनियर सिटीजन के लिए स्पेशल ओपीडी                          | दिव्य हिमाचल | 08.11.2023 |
| 35 | एम्स में बरिश्ठ नागरिकों के लिए जेनेटिक ओपीडी                                | अमर उजाला    | 08.11.2023 |
| 36 | एम्स में शोधार्थियों को अंतरराष्ट्रीय अनुदान की प्रदान की जानकारी            | अमर उजाला    | 09.11.2023 |
| 37 | दिव्यांगों की मदद और चुनौतियों पर की चर्चा                                   | अमर उजाला    | 15.11.2023 |
| 38 | दिव्यांगजनों के लिए काम करेगा अखिल भारतीय आयुर्विज्ञान संस्थान               | दिव्य हिमाचल | 15.11.2023 |
| 39 | एम्स में 20 मिनट में तैयार होंगे ब्लड कंपोनेंट्स                             | अमर उजाला    | 22.11.2023 |
| 40 | एम्स में ब्लड बैंक स्थापित                                                   | दिव्य हिमाचल | 25.11.2023 |
| 41 | एम्स में पर्ची काउंटर सिस्टम आज से                                           | दिव्य हिमाचल | 28.11.2023 |
| 42 | एम्स में नहीं होगी डॉक्टरों की कमी, सीनियर रेजिडेंट के भरेगे 55 पद           | अमर उजाला    | 30.11.2023 |
| 43 | एम्स में शुरू होगा किडनी ट्रांसप्लांट                                        | अमर उजाला    | 01.01.2024 |
| 44 | एम्स ने 21 पंचायतों में लगाए स्वास्थ्य शिविर                                 | अमर उजाला    | 03.01.2024 |
| 45 | एम्स बिलासपुर में 7 और विभागों की ओपीडी शुरू                                 | अमर उजाला    | 04.01.2024 |
| 46 | एम्स ने 21 ग्राम पंचायतों में लगाए शिविर                                     | दिव्य हिमाचल | 04.01.2024 |
| 47 | एम्स में लेप्रोस्कोपी से कोलन कैंसर के दो सफल ऑपरेशन                         | अमर उजाला    | 01.02.2024 |
| 48 | एम्स बिलासपुर में भरे जायेंगे सीनियर रेजिडेंट के 72 पद, 10 तक मांगे आवेदन    | अमर उजाला    | 01.02.2024 |
| 49 | एम्स बिलासपुर में कोलन कैंसर का सफल इलाज                                     | दिव्य हिमाचल | 01.02.2024 |
| 50 | एम्स में कोलन कैंसर मरीजों का सफल ऑपरेशन                                     | दैनिक जागरण  | 01.02.2024 |
| 51 | एम्स में रात्रि आश्रय के निर्माण को मंजूरी, 38 करोड़ होंगे खर्च              | अमर उजाला    | 02.02.2024 |
| 52 | एम्स बिलासपुर में आयोजित की अशुभाषा प्रतियोगिता                              | अमर उजाला    | 03.02.2024 |
| 53 | एम्स में प्रशिक्षु डॉक्टर ने की खुदकुशी                                      | दिव्य हिमाचल | 12.02.2024 |
| 54 | एम्स में हॉस्टल की चौथी मंजिल से कूद गया एमबीबीएस प्रशिक्षु, मौत             | दैनिक जागरण  | 12.02.2024 |
| 55 | आत्महत्या से पहले प्रशिक्षु डॉक्टर ने लिखा था सुसाइड नोट, स्वजन से की थी चैट | दैनिक जागरण  | 13.02.2024 |

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|----|---------------------------------------------------------------------------|--------------|------------|
| 56 | एम्स में प्रेम प्रसंग बना प्रशिक्षु डॉक्टर की आत्महत्या का कारण           | दिव्य हिमाचल | 13.02.2024 |
| 57 | एम्स बिलासपुर में बिना ऑपरेशन रेडियो थेरेपी से ट्यूमोर का इलाज            | अमर उजाला    | 20.02.2024 |
| 58 | एम्स बिलासपुर में किया हड्डी के ट्यूमर का उपचार                           | दैनिक जागरण  | 20.02.2024 |
| 59 | एम्स बिलासपुर में हड्डी ट्यूमर का साफल उपचार                              | दिव्य हिमाचल | 20.02.2024 |
| 60 | एम्स बिलासपुर के विस्तार के लिए मांगी सरकारी भूमि                         | दैनिक जागरण  | 21.02.2024 |
| 61 | एम्स में अतिरिक्त जमीन के लिए प्रशासन को चिट्ठी                           | दिव्य हिमाचल | 21.02.2024 |
| 62 | एम्स बिलासपुर में मिलेंगी रेडिएशन ऑन्कोलॉजी सेवाएं                        | दिव्य हिमाचल | 22.02.2024 |
| 63 | नडडा कल एम्स में करेंगे नई स्वास्थ्य सेवाओं का शुभारंभ                    | अमर उजाला    | 22.02.2024 |
| 64 | एम्स में तीन योजनाओं का कल शुभारम्भ करेंगे नडडा व तीन केंद्रीय मंत्री     | दैनिक जागरण  | 22.02.2024 |
| 65 | एम्स में सुविधाओं होंगी भरपूर, मरीजों की समस्याएं होंगी दूर               | दैनिक जागरण  | 23.02.2024 |
| 66 | एम्स रखेगा आपके हृदय का पूरा ख्याल                                        | दैनिक जागरण  | 24.02.2024 |
| 67 | एम्स में मिलेंगी अत्याधुनिक रेडिएशन कैंसर विज्ञान सेवाएं                  | अमर उजाला    | 24.02.2024 |
| 68 | राष्ट्रीय स्तर पर होंगी एम्स में चिकित्सकों की भर्तियां : नडडा            | दैनिक जागरण  | 24.02.2024 |
| 69 | एम्स कैंदर की बड़ी सौगात : जयराम                                          | अमर उजाला    | 24.02.2024 |
| 70 | बिलासपुर में एम्स का बनना सपने जैसा था : नड्डा                            | अमर उजाला    | 24.02.2024 |
| 71 | मोदी की तीसरी पारी के लिए समर्थन जुटा गए नडडा                             | दिव्य हिमाचल | 24.02.2024 |
| 72 | एम्स की फैकल्टी दो महीनों के लिए अदला-बदली में देगी सेवाएं : नडडा         | अमर उजाला    | 24.02.2024 |
| 73 | देश की हेल्थ पालिसी को बेहतर बनाने के लिए चल रहा है काम                   | दिव्य हिमाचल | 24.02.2024 |
| 74 | एम्स में 410 करोड़ के उद्घाटन-शिलान्यास                                   | दिव्य हिमाचल | 26.02.2024 |
| 75 | एम्स लाई गई बच्ची को मृत किया घोषित                                       | अमर उजाला    | 04.03.2024 |
| 76 | एम्स बिलासपुर में भी होंगी कॉर्निया ट्रांसप्लांट, प्रक्रिया अंतिम चरण में | अमर उजाला    | 05.03.2024 |
| 77 | एम्स में 6 माह में किडनी ट्रांसप्लांट शुरू करने की तैयारी                 | अमर उजाला    | 09.03.2024 |
| 78 | एम्स बिलासपुर की फैक्ट्री को मिली वैश्विक मान्यता                         | अमर उजाला    | 12.03.2024 |
| 79 | एम्स में विश्व मोटापा दिवस पर कार्यक्रम                                   | अमर उजाला    | 12.03.2024 |
| 80 | एम्स में ग्लूकोमा रोग पर लोगों को किया जागरूक                             | अमर उजाला    | 15.03.2024 |
| 81 | एम्स रेडियो फ्रीक्वेंसी, माइक्रोवेव एब्लेशन थेरेपी से कैंसर का इलाज       | अमर उजाला    | 21.03.2024 |



ANNUAL ACCOUNTS (FINANCIAL YEAR 2023-24)







भारतीय लेखापरीक्षा तथा लेखा विभाग  
कार्यालय प्रधान निदेशक लेखापरीक्षा (केन्द्रीय), चण्डीगढ़

Indian Audit & Accounts Department  
Office of The Principal Director of Audit (Central),  
Chandigarh



SUPREME AUDIT INSTITUTION OF INDIA  
लोकहितार्थं सन्निविष्टम्  
Dedicated to Truth in Public Interest

सं/No: पी.डी.ए.सी. के व्यय/SAR/ 2024-25/AIIMS Bilaspur / 436

दि/Date: 11.09.2024

सेवा में,

सचिव,

Ministry of Health & Family Welfare,  
Govt. of India,  
Nirman Bhawan,  
New Delhi-110001,

विषय: All India Institute of Medical Sciences, Bilaspur (Himachal Pradesh) के वर्ष 2023-24 के लेखाओं पर पृथक लेखापरीक्षा प्रतिवेदन

महोदय,

कृपया All India Institute of Medical Sciences, Bilaspur (Himachal Pradesh) के वर्ष 2023-24 के लेखाओं पर पृथक लेखापरीक्षा प्रतिवेदन (Separate Audit Report) संसद के दोनों सदनों के समक्ष प्रस्तुत करने हेतु सलंगन पाएं। संसद में प्रस्तुत होने तक प्रतिवेदन को गोपनीय रखा जाए।

संसद में प्रस्तुत करने के उपरांत प्रतिवेदन की पांच प्रतियाँ इस कार्यालय को भी भेज दी जाएं।

कृपया इस पत्र की पावती भेजें।

भवदीय,

Sd/-

प्रधान निदेशक

संलग्न: उपरोक्त अनुसार

- ✓ उपरोक्त की प्रतिलिपी वर्ष 2023-24 की पृथक लेखापरीक्षा प्रतिवेदन की प्रति सहित आवश्यक कार्यवाही हेतु Director, All India Institute of Medical Sciences, Bilaspur, Changar Palasiyan, Village Kothipura, Tehsil Sadar, Distt. Bilaspur, Himachal Pradesh - 174001 को प्रेषित की जाती है।

भवदीय,

उप- निदेशक (केन्द्रीय व्यय)



DIRECTOR GENERAL OF AUDIT  
(CENTRAL), CHANDIGARH

Ltr No: Central Expenditure Wing/2024-2025/DIS-2020459

Date: 11 Sep 2024

To,

सचिव,  
Ministry of Health & Family Welfare,  
Govt. of India,  
Nirman Bhawan,  
New Delhi-110001,

Subject: All India Institute of Medical Sciences, Bilaspur (Himachal Pradesh) के वर्ष 2023-24 के लेखाओं पर पृथक लेखापरीक्षा प्रतिवेदन

Sir/Madam,

कृप्या All India Institute of Medical Sciences, Bilaspur (Himachal Pradesh) के वर्ष 2023-24 के लेखाओं पर पृथक लेखापरीक्षा प्रतिवेदन (Separate Audit Report) संसद के दोनों सदनों के समक्ष प्रस्तुत करने हेतु सलंगन पाएं। संसद में प्रस्तुत होने तक प्रतिवेदन को गोपनीय रखा जाए।

संसद में प्रस्तुत करने के उपरांत प्रतिवेदन की पांच प्रतियाँ इस कार्यालय को भी भेज दी जाएं।

कृप्या इस पत्र की पावती भेजें।

भवदीय,

Sd/-

प्रधान निदेशक

उपरोक्त की प्रतिलिपी वर्ष 2023-24 की पृथक लेखापरीक्षा प्रतिवेदन की प्रति सहित आवश्यक कार्यवाही हेतु Director, All India Institute of Medical Sciences, Bilaspur, Changar Palasiyan, Village Kothipura, Tehsil Sadar, Distt. Bilaspur, Himachal Pradesh - 174001 को प्रेषित की जाती है।

Yours faithfully,

Encls: As above

Sanjay Nehru  
Deputy Director



**Separate Audit Report of the Comptroller & Auditor General of India on the Accounts of the All India Institute of Medical Sciences (AIIMS), Bilaspur (Himachal Pradesh) for the year ended 31 March 2024**

We have audited the Balance Sheet of All India Institute of Medical Sciences, Bilaspur (Himachal Pradesh) as at 31st March 2024, Income and Expenditure Account and Receipts and Payments Account for the year ended on that date under Section 19(2) of the Comptroller and Auditor General's (Duties, Power and Conditions of Service) Act, 1971 read with Section 18(2) of the All India Institute of Medical Sciences (AIIMS) Act, 1956.

2. This Separate Audit Report contains the comments of the Comptroller & Auditor General of India (CAG) on the accounting treatment only with regard to classification, conformity with the best accounting practices, accounting standards and disclosure norms, etc. Audit observations on financial transactions with regard to compliance with the Law, Rules & Regulations (Propriety and Regularity) and efficiency-cum-performance aspects, etc., if any, are reported through Inspection Reports/ CAG's Audit Reports separately.

3. We have conducted our audit in accordance with auditing standards generally accepted in India. These standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatements. An audit includes examining, on a test basis, evidences supporting the amounts and disclosure in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of financial statements. We believe that our audit provides a reasonable basis for our opinion.

4. Based on our audit, we report that:

- i) We have obtained all the information and explanations, which to the best of our knowledge and belief were necessary for the purpose of our audit;
- ii) The Balance Sheet and Income and Expenditure Account/Receipts and Payments Account dealt with by this Report have been drawn up in the Uniform format prescribed by the Ministry of Finance, Government of India;
- iii) In our opinion, proper books of accounts and other relevant records have been maintained by the All India Institute of Medical Sciences, Bilaspur (Himachal Pradesh) in so far as it appears from our examination of such books.
- iv) We further report that: -

## A. General

**A.1** NBCC was working as executive agency for construction works in the Institute to which funds were provided by the Government on behalf of the Institute. The Institute has not accounted for interest earned of Rs. 18,34,28,342/- on the Mobilization Advances released by NBCC to its contractor, in its books of accounts.

**A.2** The Uniform Format of accounts, specifically Notes-General point (d) under Schedule 3-Earmarked/Endowment Funds, requires that records for fixed assets acquired/constructed be maintained for each earmarked fund. However, for annual statements, disclosure can be made of the total accumulated cost up to each year and of the fixed assets for each fund, unless they are included in Schedule-8.

However, the institute has fixed assets acquired under Research Projects totalling Rs.35,14,032/- that have not been disclosed in the Notes to Accounts, in contravention of the guidelines of the Uniform Format of Accounts.

## B. Grant-in-Aid

The position of the grant-in-aid of the Institute for the year 2023-24 was as under:

(Amount in Rs. Crore)

| Head of Accounts                 | OH-31<br>(General) | OH-35<br>(Capital) | OH-36<br>(Salary) | Total         |
|----------------------------------|--------------------|--------------------|-------------------|---------------|
| Opening Balance as on 01-04-2023 | 5.50               | 7.11               | 0.29              | 12.90         |
| Grant Received during the year   | 48.00              | 22.00              | 115.00            | 185.00        |
| Grant surrendered to ministry    | 11.67              | 12.03              | 0                 | 23.70         |
| Grants lapsed                    | 0.016              | 0.003              | 0.007             | 0.03          |
| <b>Total Fund Available</b>      | <b>41.81</b>       | <b>17.08</b>       | <b>115.28</b>     | <b>174.17</b> |
| <b>Less- Expenditure</b>         | <b>41.81</b>       | <b>17.08</b>       | <b>115.28</b>     | <b>174.17</b> |
| Unspent as on 31-03-2024         | 0                  | 0                  | 0                 | 0             |

## C. Management letter

Deficiencies which have not been included in the Audit report have been brought to the notice of the Institute's management through a management letter issued separately for remedial/corrective action.

v) Subject to our observations in the preceding paragraphs, we report that the Balance Sheet, Income and Expenditure Account and Receipts and Payments Account dealt with by this report are in agreement with the books of accounts.

vi) In our opinion and to the best of our information and according to the explanations given to us, the said financial statements read together with the Accounting Policies and Notes on Accounts, and other significant matters stated above, and other matters mentioned in Annexure to this Audit Report give a true and fair view in conformity with accounting principles generally accepted in India:

- a. In so far as it relates to the Balance Sheet, of the state of affairs of the All India Institute of Medical Sciences, Bilaspur (Himachal Pradesh) as at 31 March 2024; and
- b. In so far as it relates to Income & Expenditure Account, of the deficit for the year ended on that date.

**For and on behalf of the C & AG of India**



**Principal Director of Audit (Central), Chandigarh**

**Place: Chandigarh**

**Date: 11-09-2024**

**Annexure to Separate Audit Report**

**1. Adequacy of Internal Audit System**

The Internal Audit Manual of the Institute has been prepared and was placed before 4th Governing Body for approval/ratification, but Governing Body advised to get it vetted from external agency. The internal audit wing of the institute has conducted the audit for the period up to 2023-24.

**2. Adequacy on Internal Control System**

The Internal Control System of the Institute is deficient to the following extent:

- i. The Institute has not prepared its Accounting Manual.
- ii. As per Sl. No. 8(1) of the All India Institute of Medical Sciences Regulations 2019, the Governing body (GB) of the Institute should ordinarily meet at least thrice in a year. However, the Institute has conducted only one meeting of the Governing Body during 2023-24 in contravention of the prescribed regulations.

**3. System of Physical verification of Fixed Assets & Library Books**

- i. Physical verification of Fixed Assets for the year 2023-24 was conducted.
- ii. Physical verification of Library books for the year 2023-24 was conducted.

**4. System of Physical verification of Inventory**

Physical verification of inventories for the year 2023-24 was conducted.

**5. Regularity in Payment of Statutory dues**

The Institute was regular in depositing statutory dues.



**Dy. Director (CE)**

के.एस. रामुवालिया, आई.ए.ए.एस.  
K.S. RAMUWALIA, IAAS



प्रधान निदेशक लेखापरीक्षा ( केन्द्रीय ), चण्डीगढ़  
PRINCIPAL DIRECTOR OF AUDIT  
(CENTRAL), CHANDIGARH  
No. PDAC/के.एस.एस/5A2/2024-25/AIIMS Bilaspur/436  
Date 11.04.2024

Dear Dr. Negi,

The audit of annual accounts of your Institute for the year ended 31 March 2024 was conducted and audit comments in respect of the same have been reported through a Separate Audit Report. In this regard, it is to bring to your kind attention that corrective action, to certain persistent irregularities which are repeatedly included in the Separate Audit Reports/ Management Letters (as briefed in the Part A of the annexure enclosed), has not been taken by the management of the Institute, which needs your immediate intervention. Besides, there are certain other deficiencies noticed which have not been included in the Separate Audit Report but are, nevertheless, significant (as detailed in the Part B of the annexure) are also being brought to your attention for remedial /corrective action.

You are requested to issue instructions for taking corrective measures in this regard.

With regards.

Yours sincerely,

Dr. Vir Singh Negi  
Director  
All India Institute of Medical Sciences, Bilaspur  
Himachal Pradesh

## Annexure to the management letter

### **PART A: Persistent Irregularities being included in the Separate Audit Reports**

As compliance of these observations included in the previous year Separate Audit Reports/ Management Letter (s), was not made, following observations have been repeated in the current year Separate Audit Report for the year 2022-24 (kindly refer to Separate Audit Report): -

#### **1. Non-booking of interest income on mobilization advance amounting to Rs. 18.34 crore**

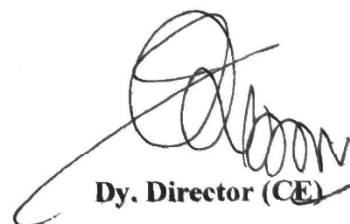
Sl. No. A.1 of Separate Audit Report 2023-24  
Sl. No. A.1 of Separate Audit Report 2022-23  
Sl. No. A.4 of Separate Audit Report 2021-22

### **PART B: Other Irregularities noticed during the audit of accounts of the Institute for the year 2023-24 which have not been included in the Separate Audit Report**

#### **A. General**

As per Accounting Standard 15 Provisions for retirement benefits of employees (Gratuity, Leave Encashment, Pension etc.) accrued for each accounting year should be made in the annual accounts for each accounting year on actuarial valuation basis. The institute has not disclosed the non-creation of provisions for retirement benefits and reasons thereof through a note in Notes to Accounts.

Similar observation was also made in Management letter to previous SAR in comment number B. However, no compliance has been made by the management.



**Dy. Director (CE)**



अखिल भारतीय आयुर्विज्ञान संस्थान , बिलासपुर  
हिमाचल प्रदेश -174037

All India Institute of Medical Sciences, Bilaspur  
Himachal Pradesh-174037

<https://aiimsbilaspur.edu.in>

e-mail:- [accounts@aiimsbilaspur.edu.in](mailto:accounts@aiimsbilaspur.edu.in)

01978-292575



File No: AIIMS-BLS- (C)/15/24 -4096

Bilaspur, the 19 Sep, 2024

To

Shri P.C. Prashad,  
Director, PMSSY-V,  
Government of India,  
Ministry of Health & Family Welfare,  
New Delhi 110011.

**Subject: - Utilization Certificate in respect of AIIMS-Bilaspur for the Financial Year 2023-24.**

Sir,

The is with reference to Pr. Director of Audit (Central), Chandigarh letter No. पी.डी.ए.(सी)/के व्यय/SAR/2024-25/AIIMS Bilaspur/436 dated 11.09.2024 vide which SAR for FY 2023-24 in respect of AIIMS Bilaspur was submitted to your good office.

Please find enclosed herewith Statement of Utilization Certificate for the Financial Year 2023-24 in respect of AIIMS, Bilaspur for favour of information and further necessary action at your end please.

Yours faithfully,

Executive Director,  
AIIMS, Bilaspur (H.P.)

**Enclosure:** As Above.

**Copy to:-**

1. PA to ED AIIMS Bilaspur HP for information please.
2. Financial Advisor, AIIMS Bilaspur.

[(See Rule 238 (1))]  
**FORM OF UTILIZATION CERTIFICATE**

**UTILIZATION CERTIFICATE FOR THE YEAR 2023-24 (as on 31-03-2024) in respect  
of recurring/non-recurring**

**GRANTS-IN-AID/SALARIES/CREATION OF CAPITAL ASSETS**

(In Crores)

1. Name of the Scheme - Grants-in-Aid/ Salaries/ General/ Creation of capital assets
2. Whether recurring or non-recurring grants Non- Recurring
3. Grants position at the beginning of the Financial year
  - (i) Cash in Hand/Bank Rs. 12.90
  - (ii) Unadjusted advances Rs. 0.05
  - (iii) Total Rs. 12.95
4. Details of grants received, expenditure incurred and closing balances: (Actuals)

|                     | Unspent<br>Balances<br>of<br>Grants<br>received<br>years | Intt.<br>earned<br>thereo<br>n | Grant received during<br>the year Exp. Up to 31-03-2024 |            |            | Funds<br>surrender<br>ed/ lapsed | Grants<br>Lapsed | Total<br>funds | Exp.   | Closing<br>balance<br>(8-9-10) |
|---------------------|----------------------------------------------------------|--------------------------------|---------------------------------------------------------|------------|------------|----------------------------------|------------------|----------------|--------|--------------------------------|
| 1                   | 2                                                        | 3                              | 5                                                       | 6          | 7          | 8                                | 9                | 10             |        | 11                             |
|                     |                                                          |                                | Sanction No.                                            | Date       | Amou<br>nt |                                  |                  |                |        |                                |
| GIA-<br>Gener<br>al | 5.50                                                     | 0                              | G-22011/01/2023-<br>PMSSY-V [8215203]                   | 08-05-2023 | 5.50       | 11.67                            | 0.016            | 41.81          | 41.81  | 0                              |
|                     |                                                          |                                | G-22011/01/2023-<br>PMSSY-V [8215203]                   | 11-07-2023 | 5.00       |                                  |                  |                |        |                                |
|                     |                                                          |                                | G-22011/01/2023-<br>PMSSY-V [8215203]                   | 15-11-22   | 10.00      |                                  |                  |                |        |                                |
|                     |                                                          |                                | G-22011/01/2023-<br>PMSSY-V [8215203]                   | 16-10-2023 | 12.50      |                                  |                  |                |        |                                |
|                     |                                                          |                                | G-22011/01/2023-<br>PMSSY-V [8215203]                   | 12-01-2024 | 15.00      |                                  |                  |                |        |                                |
|                     |                                                          |                                | Sub-Total:-                                             |            | 48.00      |                                  |                  |                |        |                                |
| CCA                 | 7.11                                                     | 0                              | G-22011/01/2023-<br>PMSSY-V [8215203]                   | 08-05-2023 | 600        | 12.03                            | 0.003            | 17.08          | 17.08  | 0                              |
|                     |                                                          |                                | G-22011/01/2023-<br>PMSSY-V [8215203]                   | 11-07-2023 | 6.00       |                                  |                  |                |        |                                |
|                     |                                                          |                                | G-22011/01/2023-<br>PMSSY-V [8215203]                   | 29-02-2024 | 10.00      |                                  |                  |                |        |                                |
|                     |                                                          |                                | Sub-Total: -                                            |            | 22.00      |                                  |                  |                |        |                                |
| Salary              | 0.29                                                     | 0                              | G-22011/01/2023-<br>PMSSY-V [8215203]                   | 08-05-2023 | 18.00      | 0                                | 0.007            | 115.28         | 115.28 | 0                              |
|                     |                                                          |                                | G-22011/01/2023-<br>PMSSY-V [8215203]                   | 11-07-2023 | 18.00      |                                  |                  |                |        |                                |

|        |       |   |                                   |            |        |       |       |        |        |   |
|--------|-------|---|-----------------------------------|------------|--------|-------|-------|--------|--------|---|
|        |       |   | G-22011/01/2023-PMSSY-V [8215203] | 15-09-23   | 13.00  |       |       |        |        |   |
|        |       |   | G-22011/01/2023-PMSSY-V [8215203] | 16-10-2023 | 30.00  |       |       |        |        |   |
|        |       |   | G-22011/01/2023-PMSSY-V [8215203] | 12-01-2024 | 31.00  |       |       |        |        |   |
|        |       |   | G-22011/01/2023-PMSSY-V [8215203] | 13-03-2024 | 5.00   |       |       |        |        |   |
|        |       |   | Sub- Total:-                      |            | 115.00 | 0     | 0.007 | 115.28 | 115.28 | 0 |
| Total: | 12.90 | 0 |                                   |            | 185.00 | 23.70 | 0.03  | 174.17 | 174.17 | 0 |

**Note:-** Out of unspent balance of Rs. 12.90 crore at the close of financial year 2022-23, an amount of Rs. 10.71 crore has been returned back to Ministry during the month of April, 2023 and an amount of Rs. 2.19 crore has been incurred out of closing balance.

## 1. Component wise utilization of grants:

| Grant-in-aid- General | Grant-in-aid- Salary | Grant-in-aid-creation of capital assets | Total  |
|-----------------------|----------------------|-----------------------------------------|--------|
| 41.81                 | 115.28               | 17.08                                   | 174.17 |

### Details of grants position at the end of the year:

- (i) Cash in Hand/Bank Rs. 0
- (ii) Unadjusted Advances Rs. 0.23
- (iii) Total Rs. 0.23

Certified that I have satisfied myself that the conditions on which grants were sanctioned have been duly fulfilled/are being fulfilled and that I have exercised following checks to see that the money has been actually utilized for the purpose for which it was sanctioned:

- (i) The main accounts and other subsidiary accounts and registers (including assets registers) are maintained as prescribed in the relevant Act/Rules/Standing instructions (mention the Act/Rules) and have been duly audited by designated auditors. The figures depicted above tally with the audited figures mentioned in financial statements/accounts.
- (ii) There exist internal controls for safeguarding public funds/assets, watching outcomes and achievements of physical targets against the financial inputs, ensuring quality in asset creation etc. & the period i/e evaluation of internal controls is exercised to ensure their effectiveness.
- (iii) To the best of our knowledge and belief, no transactions have been entered that are in violation of relevant Act/Rules/standing instructions and scheme guidelines.
- (iv) The responsibilities among the key functionaries for execution of the scheme have been assigned in clear terms and are not general in nature.
- (v) The benefits were extended to the intended beneficiaries and only such areas/districts were covered where the scheme was intended to operate.
- (vi) The expenditure on various components of the scheme was in the proportions authorized as per the scheme guidelines and terms and conditions of the grants-in-aid.

- (vii) It has been ensured that the physical and financial performance under..... (name of the scheme has been according to the requirements, as prescribed in the guidelines issued by Govt. of India and the performance/targets achieved statement for the year to which the utilization of the fund resulted in outcomes given at Annexure – I duly enclosed.
- (viii) The utilization of the fund resulted in outcomes given at Annexure – II duly enclosed (to be formulated by the Ministry/Department concerned as per their requirements/specifications.)
- (ix) Details of various schemes executed by the agency through grants-in-aid received from the same Ministry or from other Ministries is enclosed at Annexure –II (to be formulated by the Ministry/Department concerned as per their requirements/specifications).

Date: 14-09-2024

Place: Vijaypur (J&K)

Signature *cm*  
Name..... *Tatinder Goswami*  
(Head of the Finance)

**AIIMS-Bilaspur H.P.**

Signature *VS*  
Name..... *VS NEGI*  
Head of the Organisation

**Executive Director  
AIIMS Bilaspur-H.P.**



# AIIMS BILASPUR (H.P.)



Serving The Nation

अखिल भारतीय आयुर्विज्ञान संस्थान, बिलासपुर, हिमाचल प्रदेश

ALL INDIA INSTITUTE OF MEDICAL SCIENCES, BILASPUR, HIMACHAL PRADESH

Village- Changar Palasiyan, Bilaspur, Himachal Pradesh- 174037

Designed by - Ankitesh Chandel