

DEPARTMENT OF ANATOMY



FACULTIES

L-R:- Dr Karma Lakhi Bhutia, Dr. Binod Kumar Tamang, Dr. Poonam Shilal , Dr. Jerina Tewari.

The Department of Anatomy is one of the foundational departments of Helen Lepcha Sikkim Government Medical College, Sikkim's first government medical college , inaugurated in 2026 at Sohaygang, Gangtok. The Department supports the MBBS programme with a strong emphasis on Gross Anatomy, Histology, Embryology, Genetics, Neuroanatomy and Applied / Clinical Anatomy integrated with modern teaching aids and digital source. As a new institution the Department has been designed to meet NMC infrastructure requirements for 100 MBBS seats with dedicated spaces for dissection, demonstration, Histology, museum, seminar, Library and Research.

VISION

To Produce competent, ethically grounded physicians with a deep, three dimensional understanding of human structure, its developmental basis and clinical correlation, for academic excellence and research in Anatomy.

MISSION

- To deliver high quality, competency based Under Graduate Anatomy education aligned with NMC 's CBME framework.
- Integrate Gross Anatomy, Histology, Embryology and Radio Imaging to build strong clinical reasoning from the 1st year.
- Develop faculty through continuous medical education and training in medical education technologies.
- Promote ethically sound, resource sensitive cadaver procurement and body donation programmes in collaboration with the State Health Department.
- Encourage student lead and faculty lead research in Anatomical Science, Medical education and Applied morphology.

FACULTY DETAILS

Name	Qualification	Designation	Total Academic experience
Dr. Binod Kumar Tamang	MBBS MD	Professor	22yr 9 months
Dr. Poonam Shilal	MBBS MD	Associate Professor	16yr 4 months
Dr. Karma Lakhi Bhutia	MSc. Ph.D	Assistant Professor	19yr 5 months
Dr. Jerina Tewari	Msc. PhD	Assistant Professor	12yr 2months
Dr. Bhawana Rai	MBBS	Tutor	3 month
Dr. Birendra Subba	MBBS	Tutor	3 month
Dr. Sachen Rai	MBBS	Tutor	3 month
Dr. Smyrna Samten	MBBS	Tutor	3 month

INFRASTRUCTURE AND FACILITES

The Department has following NMC compliant facilities :-

- Lecture theatre -Access to centrally scheduled air conditioned gallery typed lecture hall with LCD Projector , microphone .
- Dissection Hall- With adequate space, ventilation / exhaust, teaching aids, students ante- room , wash basin ; adjoining embalming room, storage tanks and cold storage/ cooling cabinets for cadavers as per norms.
- Demonstration rooms- Two demonstration rooms, well ventilated with audio visual aids to accommodate 50 students each for small group teachings and OSPE style sessions.
- Histology Laboratory- with work station for 60 students and with high end optics microscope storage and preparation room for technicians.
- Museum- Museum with wet and dry specimens, embryology models and radiological display, x- ray view boxes and seating 50 students.
- Departmental Library –Library cum seminar room with core Anatomy text and reference books and space for seminar / interactive sessions.
- Research Laboratory- Dedicated research space for faculty and students projects with basic Histomorphometry.
- Staff Accommodation- Offices for Professor &Head, Associate Professor, Assistant Professor, Tutor/ Demonstrators, Department Office and Non- teaching staffs as per NMC schedule.

ACADEMIC PROGRAMMES

The Department delivers the Anatomy component of the Phase- I MBBS curriculum under the NMC competency based medical education (CBME) framework covering :

- Gross Anatomy
- Histology /Microscopic Anatomy
- Embryology/Developmental Anatomy
- Neuro Anatomy
- Radiological and Imaging Anatomy
- Genetics and Basic Molecular Biology
- Ethics and Professionalism (AETCOM)

Teaching is co-ordinated with Physiology and Biochemistry for Integrated module and early clinical exposure as for CBME.

TEACHING METHODOLOGIES

The Department uses a blended , student centric approach :

- Didactic lectures
- Small group tutorial and demonstrations – Case based discussion and Problem solving
- Dissection based learning
- Histology practical session
- Skill lab and OSPE
- E- learning and digital resources.
- Interdisciplinary Integration- joint session with Physiology, Biochemistry and early clinical departments for clinico anatomical co- relation (ECE),
- Self – Directed learning .

FUTURE PIROITIES

- Body donation programmes
- Advanced imaging and digital Anatomy
- Faculty development
- Research and publication
- Community and outreach
- Quality Assurance.

1. HISTOLOGY LAB



2. LOCKER FACILITIES FOR STUDENTS



3. RESEARCH LAB



4. MUSEUM



5. DISSECTION HALL



6. ANTE ROOM



7. COOLING CABINET



