

DEPARTMENT OF PHARMACOLOGY



The department of pharmacology at Helen Lepcha Sikkim Government Medical College under the directives of National Medical Commission(NMC) Competency-Based Medical Education(CBME) is committed to delivering high-quality medical education, advancing research, and promoting the safe, rational, and evidence based use of medicines. The department is dedicated to prepare future physicians with the scientific knowledge, clinical skills and professional values required for effective patient care.

Overview

The department is staffed by qualified and experienced faculty and is equipped with all the facilities prescribed by the National Medical Commission (NMC). The department is dedicated to provide comprehensive undergraduate training with emphasis on developing a proper understanding of pharmacological principles, mechanisms of drug action, therapeutic applications and adverse drug reactions.

The curriculum places special emphasis on clinical pharmacology, antimicrobial stewardship, research, inculcation of professional ethics and responsible prescribing practices. The department is committed to preparing Indian Medical Graduates who are competent to prescribe medicines safely, effectively, and ethically.

Besides academic responsibilities, the department also helps promote medication safety through pharmacovigilance activities across the state. It also works in close collaboration with clinical departments to strengthen antimicrobial stewardship and encourage the rational

use of antimicrobials, thereby contributing to improved patient safety and quality of healthcare.

VISION

Leading global excellence in pharmacology, rational therapeutics and patient safety through ethical education and socially accountable practice.

MISSION

The Department is committed to:

- ✓ Delivering high-quality competency-based pharmacology education.
- ✓ Strengthening clinical pharmacology and medication safety.
- ✓ Supporting interdisciplinary teaching and collaborative research.
- ✓ Contributing to community health through rational use of medicines, pharmacoconomics and pharmacovigilance initiatives.

FACULTY

Name	Qualification	Designation	Medical council Registration No.	Total Academic Experience (Post PG)
Dr. Chandrakala Sharma	MBBS, MD	Professor and Head	SMC/0271	More than 21 Years
Dr. Bikram Tewari	MBBS, MD	Associate Professor	SMC/01004	More than 12 Years
Dr. Dhruva Kumar Sharma	MBBS, DCP, MD	Assistant Professor	SMC/0257	More than 10 Yrs
Dr. Ena Pradhan	MBBS, DCP, MD	Assistant Professor	SMC/0424	More than 5yrs
Dr. Rinzing Ongmu Bhutia	MBBS	Tutor	SMC/02255	3months
Dr. Semchung Yeshe Phampho	MBBS	Tutor	SMC/02289	3months
Dr. Tenzing Khunkhyab Bhutia	MBBS	Tutor	SMC/01430	3months

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INFRASTRUCTURE AND FACILITY

The Department is being developed in accordance with NMC norms. Each facility has been planned to support competency-based education, practical training, and academic development.

- ✓ Faculty rooms
 - Professor & Head-1
 - Associate Professor-1
 - Assistant Professor-1
 - Tutor – 1
 - Department Office and staff room- 1
- ✓ Demonstration Room with audio visual facility
- ✓ Clinical Pharmacology Laboratory with audio visual facility
- ✓ CAL Laboratory with audio visual facility
- ✓ Pharmacology Museum
- ✓ Departmental Library cum seminar room
- ✓ Preparation Room
- ✓ Research Laboratory
- ✓ Student Practical Areas
- ✓ Pharmacovigilance cum ADR monitoring centre

ACADEMIC PROGRAMME

The students are trained through outcome based curriculum. They receive practical training in prescription writing, therapeutic problem-solving exercises, dosage calculations, common drug interactions, adverse drug reaction reporting, simulation based and technology enabled learning, group activities such as seminar presentation, debate competition etc. using modern teaching and learning modalities.

Student assessments is carried out in accordance with NMC prescribed norms and regulations.

Curriculum Components

- ✓ General Pharmacology
- ✓ Systemic Pharmacology
- ✓ Clinical Pharmacology and therapeutics
- ✓ Toxicology
- ✓ Rational Prescription Writing
- ✓ Essential Medicines
- ✓ Medication Safety
- ✓ Antimicrobial Stewardship

Teaching Methodologies

- ✓ Interactive Lectures
- ✓ Tutorials
- ✓ Practical Classes
- ✓ Small Group Discussions
- ✓ Case-Based Learning
- ✓ Integrated Teaching
- ✓ Early Clinical Exposure

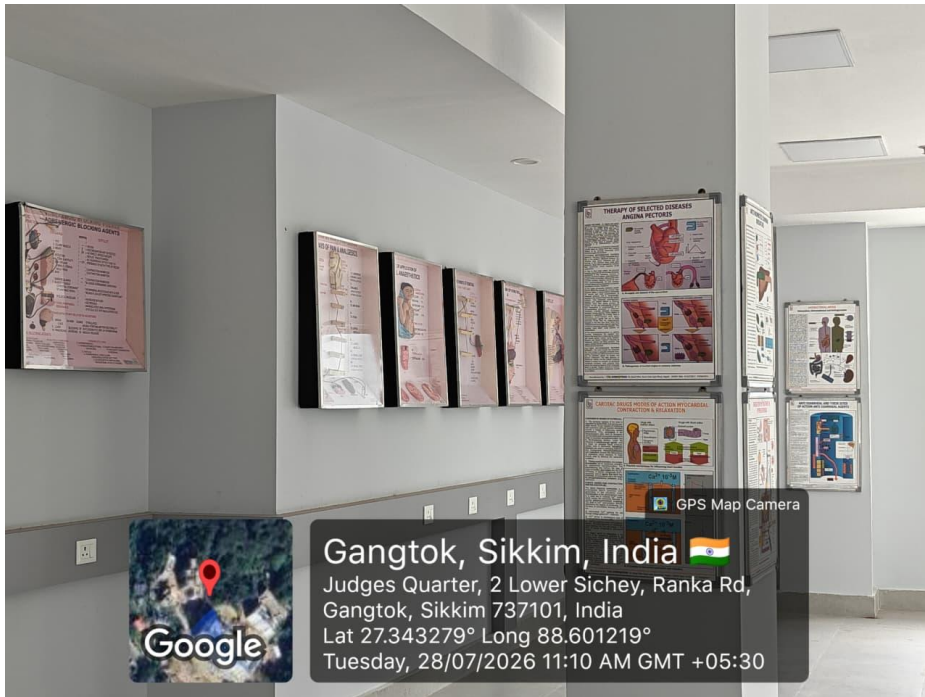
- ✓ Self-Directed Learning
- ✓ Computer Assisted Learning (CAL)
- ✓ Competency-Based Assessment
- ✓ AETCOM

Future Priorities

- ✓ Facility for post graduate training in Pharmacology
- ✓ Undergraduate research projects
- ✓ Collaborative interdisciplinary research
- ✓ Scientific publications
- ✓ Extramural research funding
- ✓ Translational pharmacology research

Dr. Chandrakala Sharma
Professor & Head, Pharmacology,
HLSGMC

GALLERY

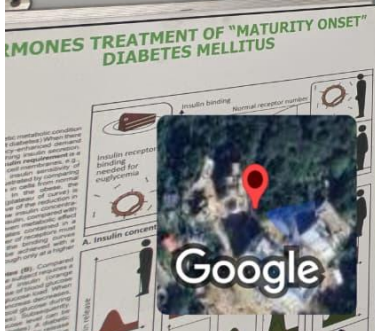
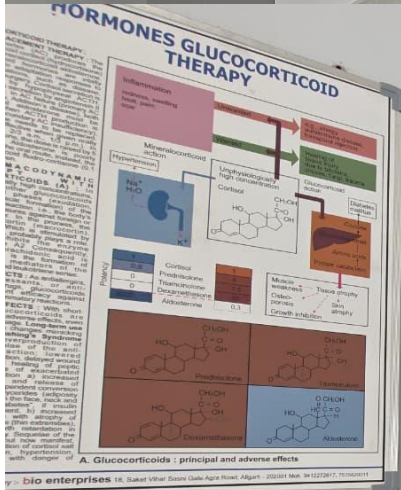


Gangtok, Sikkim, India



Judges Quarter, 2 Lower Sichey, Ranka Rd,
Gangtok, Sikkim 737101, India
Lat 27.343279° Long 88.601219°
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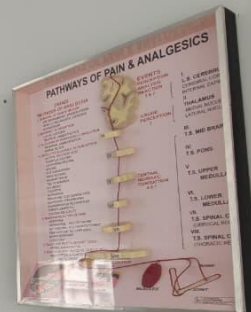


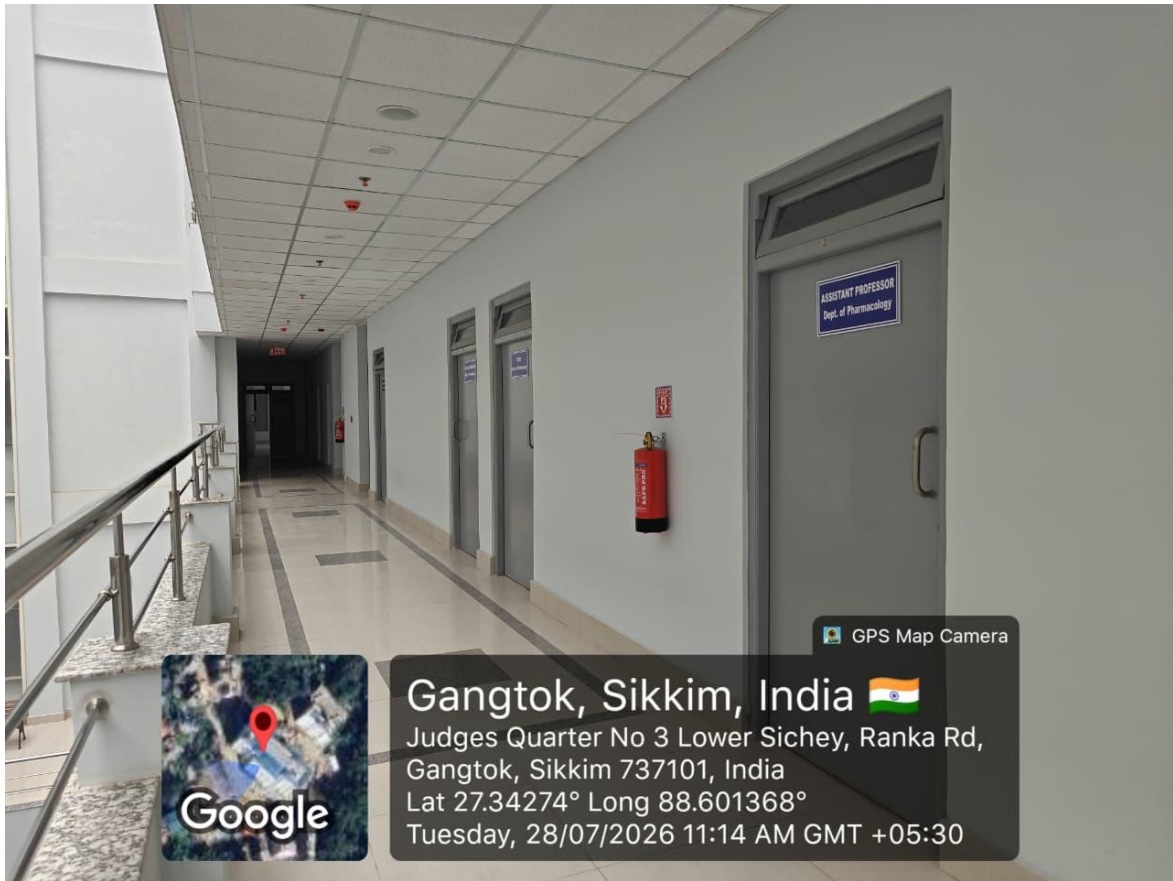
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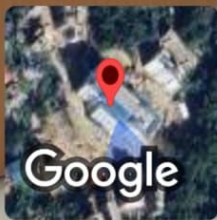


Judges Quarter, 2 Lower Sichey, Ranka Rd,
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Gangtok, Sikkim, India 

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