

### **Teaching of undergraduate and postgraduate Students:**

Department of Anatomy is primarily involved in providing best quality teaching and learning to 240 Undergraduate Medical students (MBBS) and training of 6 Post Graduates in Anatomy every academic year. It also caters to students of Allied branches of medicine like Pre Trauma Training students and B.Sc Nursing students.

The department conducts approximately 680 hrs. of UG and PG classes per year.

The department at present has 14 sanctioned strength of faculty members and 7 Senior Residents. At present 11 faculty members and 3 Senior Residents are on the rolls.

### **Undergraduate teaching:**

Department of Anatomy conducted the first foundation course as notified by NMC for the MBBS admission year 2019. It was conducted in physical mode for Batch 2019. Foundation course of MBBS 2020 batch was conducted in online mode due to ongoing Covid 19 pandemic.

This course was to orient and sensitize the students to the various aspects of journey through MBBS studies.

The department of Anatomy has successfully implemented the CBME curriculum notified by NMC. Aim was to nurture young professionals to integrate knowledge, skills, values and ability. This will make them understand medical knowledge and clinical skills with effective communication, professionalism and prepare them to handle healthcare challenges.

The Department has utilised the following teaching-learning methods to impart the knowledge of Anatomy and to make learning more effective, interactive and practical during the online teaching a well.

- Small group teaching: to introduce interactive learning in osteology, gross anatomy, embryology and histology.
- Peer teaching: Students volunteer as group leaders and a topic which has previously been discussed with corresponding teachers is briefed before table-mates in the dissection hall. Teachers supervise the activity on each table and guide students wherever needed.
- Live histology demonstration with trinocular microscope, digital camera and television monitor: to provide better understanding of the microscopic details of tissues at different magnifications.
- Model aided learning: For gross anatomy and embryology are available.

To make anatomy more interesting for undergraduates, various competitions like Poster making, Quizzes, Seminars, Model making and Dissection competitions are held by the department from time to time.

### **Postgraduate Training:**

In the year 2021 two Postgraduate thesis projects were submitted to University of Delhi and both have been accepted. Thesis work is mandatory for part fulfilment of award of MD Anatomy degree of University of Delhi.

Postgraduate thesis work is ongoing for three PG candidates in the department.

Academic curriculum for postgraduates involves regular PG classes. Journal clubs and Seminars to apprise them of current and up to date knowledge and promote research intent among postgraduates. They are also trained for gaining and refining the technical skills in various modalities and techniques used in Anatomy.

### **Infrastructure and facilities**

- Lecture theatres
- Dissection halls
- Histology laboratory
- Genetics laboratory
- Library
- Anthropology laboratory
- Embryology Museum
- Gross Anatomy Museum
- Bone Bank
- Neuroanatomy Laboratory
- Embalming Services
- Voluntary body Donation

## **Research**

Faculty is actively involved in multi disciplinary research in Gross anatomy, Histogenesis, Neuroanatomy and Genetic studies in normal and diseased states.

Faculty and residents are encouraged to participate in various national and international conferences and workshops and are also enthused to present their research work. The faculty has also been invited to chair scientific sessions and delivers lectures at various platforms.

The Department of Anatomy conducts various cadaveric Hands on training workshops in Rhinoplasty, Endoscopic Sinus Surgery, Interventional Pain Management and Arthroscopic study of Knee Joint. The faculty is revered for various academic activities and holds positions at National levels namely NMC committees, NMC inspections of Medical Colleges, conducting DNB examinations, other Schemes of Government of India. The faculty is on the advisory panels and editorial boards of various National and International scientific journals.

## **Government authorised Centre for Embalming**

The department of Anatomy is a recognized embalming centre approved by government of India. It provides embalming services to the community for transportation of dead & post mortem bodies.

## **Social responsibility**

The department is a centre for Voluntary Body Donation and is very grateful to donors and their families for supporting the program.

The department holds a felicitation program for registered voluntary body donors and also honours the family & relatives of deceased donors for their spirit of generosity.

The department pledges an oath to all students and faculty in honour of donors and conducts sensitization among undergraduates regarding various ethical issues related to body donation.

Awareness programs to train and educate students and general public are also initiated by the department.