

## **Anatomy Department, KMC, Manipal**

### **1. Why to choose MD Anatomy at KMC Manipal?**

The department recognized worldwide for its innovative teaching methodologies and Manipal Anatomy & Pathology museum for student centric learning experience of human body structures.

Apart from regular modes of teaching, we have adopted world class learning tools in a single window software application called learning management system (LMS). It includes e-learning, lecture capturing IMPARTUS and paperless e-pad exam systems. These advanced methodologies help PG students to improve their teaching skills and to interact well with students.

Department with state-of-art dissection lab, tools, refrigerators and storage tank to store donated bodies with advance method of embalming fluids. Our histology lab provided with high quality inbuilt Olympus microscope with projector to teach minute details of a tissue. Also, histology lab encourages embryo sections to see various levels of development and various histochemical study for academic and research. Department has its own basic research lab with cell culture, PCR technology and immunohistochemistry for basic and clinical research. The center of molecular neurosciences affiliated to anatomy which is a jewel to our department and getting crores of research funds from various sources.

In addition to this, we are having a family of dedicated faculty who are actively involved in teaching and research, helping to shape postgraduate students as best teachers as well as researcher.

## **2. Core competencies pursued during postgraduate training at Manipal**

- Preparation of best quality microanatomy slides supplied throughout the country and abroad
- Latest learning tools to meet advanced education – virtual class room, eLearning tools and live video demonstration
- Department research lab facility includes immunostaining, tissue culture lab and advanced microscopes to meet basic medical research
- World class museum specimens and guidance to museum specimen preparation
- Modern cadaveric preserving lab to carry out adult and fetal dissection
- 3D printing technology to prepare delicate anatomic structure for teaching students
- Introduced clinical/application based teaching by both horizontal and vertical integration

## **3. Career opportunities after Post graduation**

- To serve as faculty in MCI recognized medical and dental colleges and in abroad
- To serve as researcher in neurosciences and other developmental biology
- To pursue post-doctoral fellowship in central institutes or funded international institutes
- To pursue advanced studies in medical genetics, clinical embryology, biomedical engineering and cytogenetics

Also visit:

<https://manipal.edu/kmc-manipal/department-faculty/department-list/anatomy.html>