

Physiology Department, KMC, Manipal

1. Why to choose MD Physiology at KMC Manipal?

The Department of Physiology which was founded in 1953 has over the years actively been involved in implementing innovative practices in teaching. It gives post graduates the opportunity to engage with the latest student learning and assessment practices in physiology. The department is actively involved in research. The Neurophysiology lab which was established in coordination with industry and the diagnostic autonomic function lab provide ample resources for research in the respective fields. The department is also involved in collaborative research with other departments in the institute and within MAHE giving opportunities to explore diverse research fields.

Core competencies pursued during postgraduate training at Manipal

- Teaching the organization, integrated functions and regulation of the various organ systems of human body with reference to their implications in the pathogenesis of diseases (pathophysiology) and their management to undergraduate students.
- Performing experiments and interpreting results of ECG, AFT, EEG, autonomic function.
- Learning the essentials of Research Methodology.
- Designing innovative teaching methodologies.
- Functioning as an effective member of teaching/research team.
- Actively participating in various workshops/seminars/journal clubs.
- Personal development in Communication, Ethics and Professionalism.

2. Career opportunities after Post graduation

- Faculty in academic institutes.
- A follow up PhD or Post-doctoral degree can further enhance career opportunities in various research laboratories.
- Career as a scientific writer.
- Sports physiology consultant in sports authorities and various sports training academies.
- An academic entrepreneur or consultant (developing / supporting / contributing pedagogy) for online teaching of medical and paramedical course.

Also Visit: <https://manipal.edu/kmc-manipal/department-faculty/department-list/physiology.html>