

Syllabus of Postgraduate course in Human Physiology including Biophysics
(M.D).

- History of Physiology and Comparative Physiology.
- Knowledge of Biophysical principles and their application in Physiology.
- Physiological chemistry.
- General Physiology: Membrane transport mechanisms.
- Systemic Physiology including Aviation Physiology, Space Physiology, Sports Physiology, Drug abuse, Deep Sea Diving and High Altitude Physiology.
- Stress Physiology, Applied aspects of Physiology such as Industrial and Occupational Physiology.
- Clinical Physiology: Case studies and various Function Tests.
- Self-study from standard text books and reference books.
- Presentation of two seminars per term on topics suggested by the guide to the faculty and peers.
- Update and substitute the knowledge by referring to journals for recent advances.
- Learn to handle all routine and sophisticated equipment in the department.
- Learn to use modern techniques and methods of teaching,
- Dissect and perform all the practical classes for undergraduate students.
- Learn to record and interpret clinical function tests.
- Maintain a practical record, graphs etc of the work done.
- Journal clubs to be presented.