



SYLLABUS FOR PHARMA. D COURSE

FIRST YEAR

- Human Anatomy and Physiology
- Pharmaceutics
- Medicinal Biochemistry
- Pharmaceutical Organic Chemistry
- Pharmaceutical Inorganic Chemistry
- Remedial Mathematics/Biology

SECOND YEAR

- Pathophysiology
- Pharmaceutical Microbiology
- Pharmacognosy and Phytopharmaceuticals
- Pharmacology-I
- Community Pharmacy
- Pharmacotherapeutics-I

THIRD YEAR

- Pharmacology – II
- Pharmaceutical Analysis
- Pharmacotherapeutics-II
- Pharmaceutical Jurisprudence
- Medical Chemistry
- Pharmaceutical Formulations

FOURTH YEAR

- Pharmacotherapeutics – III
- Hospital Pharmacy
- Clinical Pharmacy
- Biostatistics and Research Methodology
- Biopharmaceutics and Pharmacokinetics
- Clinical Toxicology

FIFTH YEAR

- Clinical Research
- Pharmacoepidemiology and Pharmacoeconomics
- Clinical Pharmacokinetics and Pharmacotherapeutic Drug Monitoring
- Clerkship
- Project Work (Six Months)

Sixth Year:

Internship or residency training posting in specialty units. Student should independently provide the clinical pharmacy services to the allotted wards.

- (i) Six months in general medicine department, and
- (ii) Two months each in three other specialty departments.