

Courses Outline

1. M. Pharm – Pharmaceutics

Intake : 15 Seats

Semester I	Semester II
Modern Pharmaceutical Analytical Techniques	Advanced Biopharmaceutics and Pharmacokinetics
Drug Delivery System	Scale up and Technology Transfer
Modern Pharmaceutics	Pharmaceutical Production Technology
Regulatory Affair	Entrepreneurship Management
Pharmaceutics Practical I	Industrial Pharmacy Practical II
Seminar/Assignment	Seminar/Assignment
Semester III	Semester IV
Research Methodology and Biostatistics*	Journal Club
Journal club	Research Work
Discussion / Presentation (Proposal Presentation)	Discussion/Final Presentation
Research Work	

* Non University Exam

2. M. Pharm – Pharmaceutical Analysis

Intake : 15 Seats

Semester I	Semester II
Modern Pharmaceutical Analytical Techniques	Advanced Instrumental Analysis
Advanced Pharmaceutical Analysis	Modern Bio-Analytical Techniques
Pharmaceutical Validation	Quality Control and Quality Assurance
Food Analysis	Herbal and Cosmetic Analysis
Pharmaceutical Analysis Practical I	Pharmaceutical Analysis Practical II
Seminar/Assignment	Seminar/Assignment

Semester III	Semester IV
Research Methodology and Biostatistics*	Journal Club
Journal club	Research Work
Discussion / Presentation (Proposal Presentation)	Discussion/Final Presentation
Research Work	

* Non University Exam

3. **M. Pharm - Pharmacy Practice**

Intake : 15 Seats

Semester I	Semester II
Clinical Pharmacy Practice	Principles of Quality Use of Medicines
Pharmacotherapeutics-I	Pharmacotherapeutics II
Hospital & Community Pharmacy	Clinical Pharmacokinetics & Therapeutic Drug Monitoring
Clinical Research	Pharmacoepidemiology & Pharmacoeconomics
Pharmacy Practice Practical I	Pharmacy Practice Practical II
Seminar/Assignment	Seminar/Assignment
Semester III	Semester IV
Research Methodology and Biostatistics*	Journal Club
Journal club	Research Work
Discussion / Presentation (Proposal Presentation)	Discussion/Final Presentation
Research Work	

* Non University Exam

4. **M. Pharm – Pharmacognosy**

Intake : 15 Seats

Semester I	Semester II
Modern Pharmaceutical Analytical Techniques	Medicinal Plant biotechnology
Advanced Pharmacognosy-1	Advanced Pharmacognosy-II

Phytochemistry	Indian system of medicine
Industrial Pharmacognostical Technology	Herbal cosmetics
Pharmacognosy Practical I	Pharmacognosy Practical II
Seminar/Assignment	Seminar/Assignment
Semester III	Semester IV
Research Methodology and Biostatistics*	Journal Club
Journal club	Research Work
Discussion / Presentation (Proposal Presentation)	Discussion/Final Presentation
Research Work	

* Non University Exam

5. M. Pharm – Pharmacology

Intake : 15 Seats

Semester I	Semester II
Modern Pharmaceutical Analytical Techniques	Advanced Pharmacology II
Advanced Pharmacology–I	Pharmacological and Toxicological Screening Methods–II
Pharmacological & Toxicological Screening Methods–I	Principles of Drug Discovery
Cellular and Molecular Pharmacology	Experimental Pharmacology practical– II
Pharmacology Practical I	Pharmacology Practical II
Seminar/Assignment	Seminar/Assignment
Semester III	Semester IV
Research Methodology and Biostatistics*	Journal Club
Journal club	Research Work
Discussion / Presentation (Proposal Presentation)	Discussion/Final Presentation
Research Work	

* Non University Exam