



Jawaharlal Nehru Technological University

KAKINADA

School of Pharmaceutical Sciences &  
Technologies

SYLLABUS FOR M.PHARMACY

Branch: Pharmaceutical Analysis and  
Quality Assurance & Pharmaceutics

# **M.PHARM**

## **PHARMACEUTICAL ANALYSIS AND QUALITY ASSURANCE**

### **I SEMESTER**

- Paper 101 - Advanced Pharmaceutical Analysis - I**
- Paper 102 - Chromatographic and Other Special techniques**
- Paper 103 - Quality Assurance of Pharmaceuticals - I**
- Paper 104 - Advanced Pharmaceutical Analysis-I Practical**
- Paper 105 - Chromatographic and Other Special techniques Practical**
- Paper 106 - Seminar**
- Paper 107 - Assignments**

### **II SEMESTER**

- Paper 201 - Advanced Pharmaceutical Analysis - II**
- Paper 202 - Phytopharmaceutical and Biological Analysis**
- Paper 203 - Quality Assurance of Pharmaceuticals - II (Regulatory Affairs and Patent Laws)**
- Paper 204 - Advanced Pharmaceutical Analysis - II Practical**
- Paper 205 - Phytopharmaceutical and Biological Analysis Practical**
- Paper 206 - Seminar**
- Paper 207 - Assignments**

### **III SEMESTER & IV SEMESTERS**

- Paper 301 - Seminar - I (On the proposed project work with aims and objectives)**
- Paper 401 - Seminar - II (On the experimentation and results obtained in the project Work)**
- Paper 402 - Thesis evaluation**
- Paper 403 - Defence (Viva - Voce)**
- Paper 404 - Comprehensive Viva Voce**

## **PHARMACEUTICS**

### **I SEMESTER**

Paper CEU 101	-	B10-PHARMACEUTICS & PHARMACOKINETICS
Paper CEU 102	-	PHYSICAL PHARMACEUTICS
Paper CEU 103	-	DRUG REGULATORY AFFAIRS
Paper CEU 104	-	BIO PHARMACEUTICS & PHARMACOKINETICS PRACTICAL EXPERIMENTS BASED ON THEORY.
Paper CEU 105	-	PHYSICAL PHARMACEUTICS PRACTICALS: PRACTICALS BASED UPON THEORY.

### **I SEMESTER**

Paper CEU 201	-	ADVANCES IN DRUG DELIVERY SYSTEMS
Paper CEU 202	-	ADVANCED PHARMACEUTICAL TECHNOLOGY
Paper CEU 203	-	INDUSTRIAL PHARMACY
Paper CEU 204	-	ADVANCES IN DRUG DELIVERY SYSTEMS PRACTICALS EXPERIMENTS BASED ON THEORY
Paper CEU 205	-	ADVANCED PHARMACEUTICAL TECHNOLOGY PRACTICALS EXPERIMENTS BASED UPON THEORY

### **III SEMESTER & IV SEMESTER**

Paper CEU 301	-	Seminar-I (On the proposed project work with aims and objectives)
Paper CEU 401	-	Seminar-II (On the experimentation and results obtained in the project work)
Paper CEU 402	-	Thesis evaluation
Paper CEU 403	-	Defence (Viva-Voice)
Paper CEU 404	-	Comprehensive Viva voice