

# GIET SCHOOL OF PHARMACY

NH-16 Chaitanya Knowledge city. Rajahmundry – 533 296

## PROGRAM SPECIFIC OUTCOMES

### **B PHARMACY**

PSO 1: Students will be able to provide cost effective solutions for the maladies that exists in the health sector.

PSO 2: To emphasize the significance of quality control and assurance in drug design and formulation development.

PSO 3: Our graduates will able to apply the pharmaceutical concept in different research ventures.

### **PHARM D**

PSO-1: Students can able to perform case analysis by applying the therapeutic knowledge with evidence based care

PSO-2: Able to perform clinical Pharmacy services like identifying and management of drug-drug interactions, ADRs, medication errors to ensure patient safety

PSO 3: Graduates can comprehend the role of pharmaceutical care, medication management, pharmacoconomics, pharmacogenomics, and the concepts of hospital, community and clinical pharmacy for serving the community.

### **MASTER OF PHARMACY (PHARMACEUTIAL ANALYSIS)**

PSO 1: To gain knowledge on analytical techniques, its handling and regulatory procedures used in the analysis of pharmaceuticals, food & herbal drug products; identification and quantification of impurities.

PSO 2: Able to analyze, criticize, organize improvise and manage documents, data and information related to analysis of pharmaceutical products.

PSO 3: Develop, integrate, apply knowledge to evaluate scientific literature and conduct research projects involving analytical method development and validation.

### **MASTER OF PHARMACY (PHARMACEUTICS)**

PSO 1: Academic Excellence: To acquire in-depth knowledge and adequate scientific information regarding basic principles of Pharmaceutics and its application in design of dosage form.

PSO 2: Fundamental Skill: To produce research associates with strong fundamental concept and high technical competence in Novel drug delivery system to serve the need of F&D and Production department of pharmaceutical industry.

PSO 3: Presentation Skills: The postgraduate student should able to write, interpret and communicate effectively and scientifically to accomplish the requirements of Regulatory affairs department.

### **MASTER OF PHARMACY (PHARMACOLOGY)**

PSO 1: To provide specific knowledge on modern Pharmacological tools and software's associated with Research and development.

PSO 2: To offer knowledge on new natural, synthetic and semi synthetic drug developments and to provide most modern data acquisition and analysis system in the biological and Pharmacological research.

PSO 3: To provide exposure to High throughput screening mechanism in new drug discovery and development of challenging and expensive activities of the Pharmaceutical Industry.

### **MASTER OF PHARMACY (PHARMACEUTICAL TECHNOLOGY)**

PSO 1: Develop an ability to undertake multidisciplinary tasks in the pharmaceutical quality system.

PSO 2: Execute team based research to implement innovative solutions in the area of formulation, quality assurance and technology transfer.

PSO 3: Analyze, criticize, organize, improvise and manage documents, data and information related to pharmaceutical production process.

### **MASTER OF PHARMACY (PHARMACEUTICAL QUALITY ASSURANCE)**

PSO 1: Acquire knowledge of regulatory procedures and their application in the Quality Control and Quality Assurance departments of pharmaceutical industry.

PSO 2: Demonstrate an understanding of validation and audit procedures practiced in the pharmaceutical and allied healthcare industries.

PSO 3: Develop, integrate, apply knowledge to evaluate scientific literature and conduct research involving product development, analytical method development leading to publications.