SRI VENKATESWARA COLLEGE OF PHARMACY

(Autonomous)

Approved by AICTE & PCI, New Delhi, Permanently Affiliated to JNTUA, Ananthapuramu
Accredited by NBA, New Delhi for UG Programme under Tier-II & NAAC, Bengaluru
Recognized under section 2(f) & 12(B) of UGC Act, 1956
Recognized Research Centre for Pharmaceutical Sciences by JNTUA
Recognized In-House R & D by DSIR, New Delhi, DST – FIST Sponsored Institute
Ranked 79th by NIRF 2024 Rankings by MHRD, Govt. of India
RVS NAGAR, TIRUPATI ROAD, CHITTOOR – 517127, A.P.

M. Pharmacy Pharmaceutics

Course Outcomes

CO1: Students are able to involve in milling, mixing, filtration and packing material by various marching by using pharmaceutical Material

CO2: They also know GMP, PQM applicable in Industry

CO3: Understanding the treatment and prevention of Pollution

CO4: Evaluate the validation of Analytical methods and Process

Program Education Objectives

PEO 1: Advanced knowledge and Expertise; Graduates will demonstrate a deep understanding of pharmaceutical sciences, including the formulation, development, and manufacturing of pharmaceutical products, and will be able to apply this knowledge to solve complex problems in the field.

PEO 2: Research and Innovation: Graduates will engage in innovative research to contribute to the advancement of pharmaceutics, including the development of new drug delivery systems, novel formulation and optimization of existing products.

PEO 3: Professional Growth and Lifelong learning: Graduates will continuously improve their knowledge and skills through life learning, advanced education, and professional development, and will contribute to the pharmaceutical sciences community.

PEO 4: Graduates will exhibit leadership qualities and ability to work collaboratively in multidisciplinary teams and uphold the highest ethical standards and professional integrity in their practice ensuring the safety, efficacy, and quality of pharmaceutical products while adhering to regulatory requirements.

PROGRAM SPECIFIC OUTCOMES

PSO1: Formulation and Development Expertise – Demonstrate knowledge in the design, development and evaluation of various pharmaceutical dosage forms, including novel drug delivery systems and nanotechnology-based formulations.

PSO2: Regulatory and Quality Assurance Proficiency – Apply regulatory guidelines (FDA, ICH, WHO) and quality assurance principles in pharmaceutical product development, ensuring compliance with Good Manufacturing Practices (GMP) and stability studies.

PSO3: Industrial and Research Competency – Develop skills for process optimization, scale-up techniques and technology transfer, contributing to pharmaceutical industries, research institutions and academia.