



SRI SIVANI COLLEGE OF PHARMACY

(Under the Management of Sri Sivani Educational Society, Srikakulam)
(Estd.2007, Approved by PCI-New Delhi and Affiliated to JNTU, Gurajada-Vizianagaram)
N.H-16, Chilakapalem Jn., Etcherla Mandal, Srikakulam Dist - 532402.

PROGRAM OUTCOMES

PROGRAM: M. PHARM (PHARMACEUTICAL ANALYSIS)

Program Outcomes are narrower statements that describe what students are expected to know and be able to do upon the graduation. These relate to the skills, knowledge, and behaviour that students acquire in their enrolment through the program.

PO1 Analytical Knowledge: Develop a comprehensive understanding of a particular field or professional domain, encompassing broader and worldwide viewpoints, while demonstrating the capacity to differentiate, appraise, scrutinize, and integrate information.

PO2 Problem Solving: To effectively employ analytical methods and engage in discerning and reflective thinking, when addressing challenges and reaching conclusions. Discover, scrutinize, assess, and systematically employ information, leading to sound and justifiable decision-making.

PO3 Modern Techniques: To acquire knowledge, select and utilize suitable techniques and processes, along with relevant computer tools, while considering their practical uses.

PO4 Regulatory Adherence: To demonstrate comprehension and adherence to the ethical principles and regulations set forth by regulatory bodies in different countries and the Government of India, ensuring the implementation of sound laboratory practices.

PO5 Collaborative and Multidisciplinary work: Understand group dynamics, contribute to collaborative research, demonstrate self-management and teamwork, make unbiased decisions, and foster learning for oneself and others.

PO6 Research Skill: Apply advanced cognitive skills to gather information through literature review and experiments. Utilize appropriate research methodologies, techniques, and tools. Design and conduct experiments, analyze data, and demonstrate higher-order thinking. Contribute to the development of scientific knowledge in pharmaceutical sciences individually or as part of a group.

PO7 Critical Thinking: To enhance cognitive abilities and acquire comprehensive understanding in the creation of innovative approaches, impurity profiling, and validation protocols applicable for both routine and laboratory applications, thereby fostering critical thinking and logical reasoning.

PO8 Environment and Sustainability: Evaluate the environmental implications and sustainable aspects by assessing the presence of biohazardous solvents and chemicals.

PO9 Project management abilities: Apply efficient delegation and organizational abilities. Arrange tasks by implementing essential strategizing and implementation to adhere to set time limits.

PO10 Ethics: Exhibit outstanding professional, ethical, and legal conduct by adhering to the drug, pharmaceutical, and pharmacy-related laws and regulations set forth by central and state authorities.