



PEOS OF B.PHARMACY

1. Pharmaceutical sciences graduates are competent in the knowledge of drugs & pharmaceuticals and gain excellent skills to cater health care industry in developing novel dosage forms & method of dispensing. Pharmaceutical scientist apply the knowledge of research advances in pharmaceutical development & use pharmaceutical Jurisprudence knowledge for pharmaceutical industry & for the health care needs of society.
2. Pharmaceutical graduates use the knowledge of diversified subjects from pharmacognosy, medicinal chemistry, pharmaceutical analytical chemistry, pharmaceutical biotechnology & pharmaceutics for drug dosage designs & development. Engaged in developing new pharmaceutical products from herbal and synthetic & semi-synthetic drugs as a part of drug discovery process at modest prices for the society.
3. To promote the knowledge of pharmaceutical to the allied & medical sciences including allied health care system including medical sciences.
4. Pathophysiology knowledge imparted for various disease conditions to reference to pharmacological application to get baseline knowledge of Human Anatomy, pathophysiology & pharmacology application in the other subjects of pharmaceutical. Sciences with the changing in the scenario of pharmacy practice. In India community pharmacists acting as a bridge b/w physician & patients and offering various pharmaceutical care services. By leaving various dispensing drug Skills, patient counseling for improved patient care in community setup.
5. To acquire knowledge in the areas of hospitals students are depicted in a hospital for certain period of time to collect data & report in the areas of community, hospital, clinical pharmacy. The project work defines their goals and to record medical findings in an impartial manner. The project works helps students in data collection, analysis & reporting with an interpretation skills Industrial trainings in a production with Quality assurance, pharmaceutical R&D, give pharmaceutical sciences graduate & abject over other science fraternity.
6. The concept of practice school hones skills through practicing in the area of recent developmet in the area of pharmaceutical sciences and advances in application of computer technologies to the pharmaceutical Sciences.
7. To provide an excellent professional atmosphere with competency to acquire good attitude, behaviour, moral & ethical values pharmacy graduates will have the knowledge



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of legal & regulatory requirements for national & international issue and address nation's health care, societal and economic challenges

Program Specific Outcomes (PSO's) for B. Pharmacy

1. The course details with fundamentals of analytical chemistry, novel dosage forms including dispensing of drugs and understand the various physiochemical properties to demonstrate its principles in the formation development, pharmacy graduates impart various unit operation used in pharmacy industries and learn to understand the material handling technology Involved in pharmacy manufacturing process.
2. The pharmacy course design to impart a fundamental knowledge on structure and functions of human body to understand how drugs acts on various body system in connection with various diseases
3. Pharmaceutical students expose to various legislations related to profession of pharmacy in India the various acts be it pharmacy act, medicinal & toilet preparation Act, new drug policy, patent & design act Etc. make them to practice professional ethics. The pharmaceutical ethics make graduate to understand labelling regulations & packing guidelines include drug price control.
4. The graduates will have understanding through clerkship, internship & practice school learn many professional skills like monitoring drug therapy, patient counseling, interpretation of laboratory results current developmet in pharma Industries, pharmaco epidemiology & clinical development of drugs.



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Program Educational Objectives for M.Pharmacy

1. To provide post graduates in pharmaceutical sciences with higher end technical knowledge to cater to specific areas of pharma Industry.
2. To provide required practical training in all subjects of m.pharma course to work as a competent staff in pharma industry, clinical trials.
3. To promote wellness among the needy people , improving the health and disease prevention with a team of health care providers through periodically updating knowledge & skills.

Program Specific Outcomes (PSO's) for M. Pharmacy

1. Post graduate will have additional and specific knowledge in the area of their pg program, with the fundamental knowledge pharmacy graduates learn and experiment novel dosage form and its recent advances. The post graduates learn, care, handling and breeding techniques of laboratory animals and principles, techniques and strategies used in discovery including high thoughtput screw and human generics.
2. The post graduates learn preformulation, methodology and Selection criteria for various excipients for solid dosage forms being used in pharma industries. Various pharmaceutical dosage forms and their scaleup helpful in optimizing the drug formulation.
3. To Enhance the combination of pharmaceutical knowledge with skills promote the pharmaceutical research with state of art infra structure. The post graduates are very efficient in contribution in social health system with their leadership and Entrepreneur skill.

Programs specific outcomes (PSO for pharmaceuticals)

PSO1. Post graduate in pharmaceuticals will have fundamental designing, bio availability studies and interpretation of results.

PSO2. The post graduate will design and prepare microcapsule, bioadhesive dosage form and finally evaluate the dosage forms.

PSO3. The post graduate will have a thorough knowledge on the laws required to conduct clinical trials and the ethics associated around the clinical trials.

PSO4. post graduate have the working knowledge, installation, validation, maintenance of the various pharmaceutical machineries



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Programs specific outcomes (PSO for pharmacology)

PSO1 .The pharmacology post graduate have the fundamental knowledge on drugs acting at cell level, CNS and other important organs like cardio vascular, liver and gastrointestinal system etc.

PSO2.The post graduate in pharmacology learn about the dry therapy for inflammation, gastrointestinal functions apart from chemotherapy of malaria , microbial infection and neoplastic disease.

PSO3. The post graduate in pharmacology will have a thorough understanding of pre-clinical toxicity testing the regulation required for animal care and testing the knowledge of ethics while performing experiment on animal.

PSO4. The post graduate will have fundamental knowledge on different agencies like US FDA , EMEA and DCGI guidelines bioequivalence and bioavailability studies.

PEO FOR PHARM .D

PEO-1 Provides comprehensive pharmaceutical education for obtaining a Ph.D. degree in Pharmacy.

PEO-2 To provide graduates with the necessary training in all aspects of working as a healthcare professional in the community and hospital.

PEO-3 Address drug discovery and drug supply challenges by providing hands-on training through state-of-the-art infrastructure.

PEO-4 Advances in healthcare through clinical research that combines knowledge and skills on human well-being.

PEO-5 Understand and evaluate the role of health education in social development and human welfare.

PEO-6 Acquire leadership skills as part of the Healthcare Team.

PSO FOR PHARM .D

PSO1. Pharm. D graduate are competent personals who will utilize and practice clinical principles in pharmacy , government and non-government hospital .The course design to impart a fundamental knowledge on structural and functional human body. Pharm D graduate learn facts of body.




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JAYAMUKHI EDUCATIONAL SOCIETY'S
JAYAMUKHI COLLEGE OF PHARMACY
(Approved by PCI, New Delhi and Affiliated to Kakatiya University, Warangal)
NARSAMPET, Dist. Warangal - 506 332. (Telangana)
Accredited by NAAC

PSO2. Pharm. D graduate integrates the knowledge of clinical biochemistry and pharmacological aspects of drugs in order to learn treatment approaches that reflects scope of pharmacy practice and demonstrate their clinical competencies in invasion, and treatment.

PSO3. The pharm. D graduate maintain their sustain development through learning in the field of modern medical sciences.

PSO4. By virtue of professional experience in laboratories and hospital pharm. D graduate with their familiarity with knowledge of pathophysiology, pharmacology and pharmacotherapeutics learn to support clinical trials organization with their regulatory and the knowledge of pharmaceutical jurisprudence involve in regulator perceptive drug approvals and also being a part of health care system address social challenger



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