



## Koneru Lakshmaiah Education Foundation

(Category -1, Deemed to be University estd. u/s. 3 of the UGC Act, 1956)

Accredited by NAAC as 'A++' ♦ Approved by AICTE ♦ ISO 21001:2018 Certified

Campus: Green Fields, Vaddeswaram - 522 302, Guntur District, Andhra Pradesh, INDIA.

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### KL College of Pharmacy

#### Program: Pharm. D

Academic Year :2024-2025

#### Programme Educational Objectives (PEO's)

PEO1	Pharmacy graduates will have strong background in pharmaceutical sciences with excellent knowledge in drugs and pharmaceuticals and very good skills to cater the health-care needs of the society and able to use these tools for personal and professional endeavours
PEO2	To impart sound knowledge in the different curriculum like Pharmacognosy, Pharmaceutical Chemistry including Analytical Chemistry, Pharmaceutical Biotechnology, Pharmacology, Formulation and Development, Community Pharmacy, Clinical Pharmacy and Pharmacotherapeutics to utilized for designing and to create novel herbal or synthetic pharmaceutical products in the view of drug discovery at an affordable price for the benefit of human being.
PEO3	To acquire knowledge towards the current needs in the research activities carried out in various fields of pharmacy which implies the novel research approach towards the drug discovery and development to fulfill the requirement to save the patient from various unrevealed disease ailment. To promote health improvement, wellness and disease prevention in cooperation with public and patient community, and other members of an inter-professional team of health care providers through periodical updating of Drug Information.
PEO4	To provide productive, harmonious atmosphere that enables the students to acquire the excellent approach, professional behaviors, moral and ethical values to cultivate the profession dexterously.

#### Programme Outcomes (PO's)


PO1	<b>Pharmaceutical Knowledge:</b> Apply the knowledge of science, pharmacy fundamentals, clinical pharmacy and Pharmacotherapeutics to the solution of problem directed study.
PO2	<b>Problem analysis:</b> Identify, formulate, review research literature, and analyze complex clinical and therapeutic problems reaching substantiated conclusions using first principles of basic sciences, and pharmaceutical sciences.
PO3	<b>Design/development of solutions:</b> Design solutions for complex pharmaceutical problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
PO4	<b>Conduct investigations of complex problems:</b> Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
PO5	<b>Modern tool usage:</b> Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex pharmaceutical activities with an understanding of the limitations
PO6	<b>Individual and team work:</b> Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
PO7	<b>Environment and sustainability:</b> Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

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PO8	<b>Ethics:</b> Apply ethical principles and commit to professional ethics and responsibilities and norms of the Pharmacy practice.
PO9	<b>The Clinical Pharmacist and society:</b> Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional Pharmacy practice.
PO10	<b>Communication:</b> Communicate effectively on complex pharmaceutical activities with the health care community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
PO11	<b>Project management and finance:</b> Demonstrate knowledge and understanding of the clinical management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
PO12	<b>Life-long learning:</b> Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change

**Program Specific Outcomes (PSO's)**

PSO1	To impart knowledge and skills on criteria for formulation design, product development, in vitro & biopharmaceutical evaluation, and optimization for better therapeutic efficacy.
PSO2	To undertake research projects and drive towards entrepreneurship to cater the needs of society with respect to health care sector.

  
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