

## 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. Phone No. +91 8645 - 350 200; www.klef.ac.in; www.klef.edu.in; www.kluniversity.in Admin Off: 29-36-38, Museum Road, Governorpet, Vijayawada - 520 002, Ph; +91 - 866 - 3500122, 2576129

### KL College of Pharmacy

Program: B. Pharmacy

Academic Year :2022-2023

### Program Educational Objectives (PEOs)

| PEO<br>No | PROGRAMME EDUCATION OBJECTIVES (PEOs)   |
|-----------|---|
| 1         | To produce pharmacist workforce competent for the society.  |
| 2         | To produce pharmacy graduates with employable skills and high technical competence in pharmaceutical industry and health care sectors                           |
| 3         | To inculcate research activity and develop passion for discovery and innovations  |
|           | To develop entrepreneurship qualities that support growth of pharmaceutical intellectual property and contribute for economic development throughout the world. |

#### Program Outcomes (POs)

| PO 1 | Pharmacy Knowledge: Provide basic knowledge for understanding the principles and their applications in the area of Pharmaceutical Sciences and Technology.   |
|------|--|
| PO 2 | <b>Technical Skills:</b> Develop an ability to use various instrument and equipment with an in-depth knowledge on standard operating procedures for the same.  |
| PO 3 | Modern tool usage: Develop/apply appropriate techniques, resources, and IT tools including prediction and modeling to complex health issues and medicine effect with an understanding of the limitations.  |
| PO 4 | Research and Development: To demonstrate knowledge of identifying a problem, critical thinking, analysis and provide rational solutions in different disciplines of Pharmaceutical Sciences and Technology |
| PO 5 | <b>Lifelong Learning:</b> Develop an aptitude for continuous learning and professional development with ability to engage in pharmacy practice and health education programs.                              |
| PO 6 | Pharmaceutical Product development: To apply the knowledge of manufacturing, formulation and quality control of various pharmaceutical and cosmetic products.  |

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| PO 7 | Environment and Sustainability: Understand the impact of the professional pharmacy solutions in societal and environmental contexts and demonstrate the   |
|------|---|
|      | knowledge for sustainable development.  |
| PO 8 | Ethics: Follow the code of ethics and commit to professional values and responsibilities and norms of the pharmacy practice.  |
| PO9  | The Pharmacist and Society: Apply reasoning informed by the contextual knowledge to comprehend medical prescription, perform patient counselling and issue or receive clear instructions on drug safety and the consequent responsibilities relevant to the professional pharmacy practice. |
| PO10 | Communication: Communicate effectively on health care activities with the medical community and with society at large, to comprehend drug regulations, write health reports and provide drug information.   |
| PO11 | Competitive skills: Develop problem – solving skills and aptitude to participate and succeed in competitive examinations.   |
| PO12 | <b>Invention and entrepreneurship:</b> Application of technical skills to integrate health care systems, design effective product with commercial advantage and societal benefit, perform risk analysis and become entrepreneur.  |

# Program Specific Objectives (PSOs):

| PSO 1 | To apply the knowledge of manufacturing, formulation and quality control of various pharmaceutical and cosmetic products in the form of powders, tablets. capsules, parenteral, solutions, suspensions, emulsions, creams, lotions and aerosols etc. |
|-------|--|
| PSO 2 | Find the application of the modern tools to integrate health care systems.   |

PRINCIPAL
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