



NATIONAL COLLEGE
OF PHARMACY

Approved by Pharmacy Council of India, DME & Govt of Kerala
Affiliated to Kerala University of Health Sciences.

POs & COs communicated through student Handbook and Practical Records

STUDENTS HANDBOOK 2023-24



NATIONAL COLLEGE
OF PHARMACY

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NATIONAL COLLEGE OF PHARMACY
KMCT GROUP OF EDUCATIONAL INSTITUTIONS,
MANASSERY, KOZHIKODE-673602
E-mail: ncpofpharmce@gmail.com, Web : nationalcollegeofpharmacy.org
Ph: 0495-2297440

Program Educational Objectives (PEO)

- Pharmacy graduates will have high technical and professional expertise in various fields of pharmaceutical sciences to solve complex problems in the area of Pharmaceutical Sciences
- Pharmacy graduates will have ethical attitude, human values, team spirit, strong communication skills and attitude of lifelong learning to serve the needs of society
- Pharmacy graduates will have an attitude for patient-centred and community based research to improve patient health care outcomes

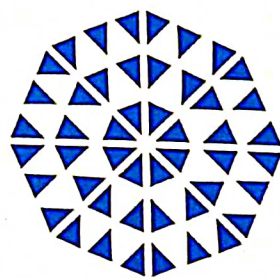
Program Outcomes:

1. Pharmacy Knowledge: Possess knowledge and comprehension of the core and basic knowledge associated with the profession of pharmacy, including biomedical sciences; pharmaceutical sciences; behavioral, social, and administrative pharmacy sciences; and manufacturing practices.
2. Planning Abilities: Demonstrate effective planning abilities including time management, resource management, delegation skills and organizational skills. Develop and implement plans and organize work to meet deadlines.
3. Problem analysis: Utilize the principles of scientific enquiry, thinking analytically, clearly and critically, while solving problems and making decisions during daily practice. Find, analyze, evaluate and apply information systematically and shall make defensible decisions.
4. Modern tool usage: Learn, select, and apply appropriate

methods and procedures, resources, and modern pharmacy-related computing tools with an understanding of the limitations.

5. Leadership skills: Understand and consider the human reaction to change, motivation issues, leadership and team-building when planning changes required for fulfillment of practice, professional and societal responsibilities. Assume participatory roles as responsible citizens or leadership roles when appropriate to facilitate improvement in health and well-being.
6. Professional Identity: Understand, analyze and communicate the value of their professional roles in society (e.g. health care professionals, promoters of health, educators, managers, employers, employees).
7. Pharmaceutical Ethics: Honour personal values and apply ethical principles in professional and social contexts. Demonstrate behavior that recognizes cultural and personal variability in values, communication and lifestyles. Use ethical frameworks; apply ethical principles while making decisions and take responsibility for the outcomes associated with the decisions.
8. Communication: Communicate effectively with the pharmacy community and with society at large, such as, being able to comprehend and write effective reports, make effective presentations and documentation, and give and receive clear instructions.
9. The Pharmacist and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety and legal issues and the consequent responsibilities relevant to the professional pharmacy practice.

**PHARMACEUTICS I
PRACTICAL
PRACTICAL RECORD
BACHELOR OF PHARMACY
FIRST SEMESTER (BP109P)**



NATIONAL COLLEGE OF PHARMACY

(Affiliated to Kerala University of Health Sciences approved by AICTE, PCI and Govt. of Kerala)
Manassery P O, Kozhikode, Kerala

VISION

Emerge as a centre of eminence by creating responsible and resourceful citizens with commitment to excellence in pharmacy education and allegiance to ethical professional practices.

MISSION

- Providing quality pharmacy education and training that enables pharmacists to facilitate the delivery of ethical, conscientious, cost effective healthcare services to all.
- Cultivating an environment that is collaborative, interdisciplinary, innovative and creative in approach
- Partnering with individuals and institutions across the world who occupy leadership positions and promoting reciprocal exchanges in both academic and cultural spheres.

PROGRAM EDUCATIONAL OBJECTIVES (PEO)

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- Pharmacy graduates will have ethical attitude, human values, team spirit, strong communication skills and attitude of lifelong learning to serve the needs of society.
- Pharmacy graduates will have an attitude for patient-centered and community-based research to improve patient healthcare outcomes.