



## **MAHATHI COLLEGE OF PHARMACY, MADANAPALLE**

Approved by PCI, New Delhi & Affiliated to JNTU Anantapur  
CTM Cross roads, Madanapalle, Annamayya District, Andhra Pradesh -517319

**PROGRAM:** Pharm.D

### **PROGRAM OUTCOMES (POs)**

1. **Comprehensive Pharmacy and Clinical Knowledge:** Demonstrate proficiency in core knowledge and skills related to pharmaceutical, biomedical, clinical, and epidemiological sciences. This includes expertise in areas supporting quality pharmacy practice, such as pharmaceutics, medicinal chemistry, pharmacokinetics, pharmacodynamics, pharmacology, pathophysiology, pharmacotherapeutics, and pharmaceutical care.
2. **Patient-Centered Care:** Provide personalized care to diverse patients, incorporating the best available evidence and considering patients' individual circumstances. Develop, modify, implement, document, and monitor pharmacotherapy care plans independently or as part of healthcare teams.
3. **Problem Solving and Decision Making:** Utilize observational, analytical, and critical thinking skills to identify and address pharmacotherapy problems. Make informed decisions based on evidence-based practice.
4. **Social and Cultural Awareness:** Recognize the social determinants of health and respect patients' cultural, social, and religious perspectives. Promote safe and appropriate medication use within society. Demonstrate self-awareness and a commitment to lifelong learning, reflecting on personal knowledge, experiences, values, attitudes, biases, and beliefs.
5. **Professionalism:** Exhibit professional ethics, attitudes, and behaviors, including patient advocacy, altruism, accountability, compassion,

integrity, and respect for others. Understand, analyze, and communicate the value of professional roles in society, such as healthcare professionals, health promoters, educators, managers, employers, and employees.

6. **Innovation and Entrepreneurship:** Engage in innovative activities, using creative thinking to envision improved ways of achieving professional goals. Apply scientific inquiry and critical thinking in daily practice. Acquire the skills needed to start a community pharmacy or a chain of community pharmacies with patient care services.
7. **Confidentiality and Professional Ethics:** Practice ethically, maintaining patient confidentiality, addressing errors in care and professional misconduct, and adhering to principles of ethical research. Apply ethical principles when making decisions and take responsibility for the outcomes associated with those decisions.
8. **Interpersonal and Communication Skills:** Demonstrate effective interpersonal written and verbal communication skills, adapting to socioeconomic, cultural, and situational factors. Educate families, patients, caregivers, and other healthcare professionals. Collaborate effectively within healthcare teams and provide consultation to regulatory agencies and policy makers.
9. **Clinical Pharmacist and Society:** Apply contextual knowledge to assess societal healthcare needs and demonstrate effective planning abilities to address healthcare practice issues. Educate and raise awareness among patients regarding health aspects and disease prevention, providing cost-effective drug therapy.
10. **Environment and Sustainability:** Understand the impact of professional pharmacy solutions in societal and environmental contexts. Demonstrate knowledge of and advocate for sustainable development.

11. **Practice-Based Learning and Improvement:** Evaluate and improve patient care and pharmacy services. Demonstrate self-assessment skills and a commitment to lifelong learning for high-quality care. Locate, appraise, and integrate evidence from scientific studies to enhance the quality of care and services. Effectively utilize information, informatics, and technology to optimize learning and patient care.