



# MANIPAL COLLEGE OF PHARMACEUTICAL SCIENCES

MANIPAL

(A constituent unit of MAHE, Manipal)

## DOCTOR OF PHARMACY (PHARM.D)

## PROGRAM OUTCOMES (POs)

The graduate student at the end of the PharmD program will be able to face the challenges of the profession of pharmacy in the constituent disciplines namely, Pharmacy Practice (Community and Hospital), Pharmaceutical Industry, Academia and Research as described below:

PO No	Competency
P01	Demonstrate the understanding of the fundamental principles in pharmaceutical sciences and practice and apply the acquired knowledge to provide preliminary solutions in clinical pharmacy practice and pharmaceutical care.
P02	Demonstrate knowledge and skills that translate into problem-solving abilities related to the day-to-day professional needs of the healthcare system by serving hospital & community pharmacy and pharmaceutical industry.
P03	Apply principles of pharmacy for developing the solutions in patient care and clinical drug development.
P04	Apply competency and skills in clinical research, pharmacoepidemiology, pharmacoconomics, and outcome research for pharmaceutical care.
P05	Utilize knowledge and skills acquired in information and digital technology in drug information, statistical data analysis, pharmacokinetic & pharmacodynamic modeling, bioinformatics, and meta-analysis.
P06	Create awareness in society about the effective and safe use of medicines and remain responsible providers of drug information.
P07	Understand the impact of the business solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
P08	Cultivate a sense of fair play, gender-neutral attitudes, respect for all races, nations, religions, cultures, languages, traditions, sensitivity to professional ethical codes of conduct, social values, environmental awareness and respect for democratic institutions.
P09	Be able to engage diverse stakeholders in a collaborative manner.
P010	Demonstrate effective communication skills with decorum through the spoken and written manner in professional, scientific, and societal settings employing conventional or digital media.
P011	Demonstrate knowledge and understanding of the project and financial management principles and apply these to evaluate existing and new projects for effective decision-making.
P012	Cultivate a temperament that would enable individuals to work towards self-driven performance goals, entrepreneurial ventures, and overall leadership to tackle future challenges through continuing education towards professional development.

