



After successful completion of MPharm Pharmaceutics program, students will be able to:

PO No	Competency
PO1	Acquire knowledge and skills in the areas of preformulation, different pharmaceutical dosage forms, industry management, optimization techniques, computational tools, Quality-by-Design, cGMP, IPR, pilot plant scale up, drug regulation, cosmeceuticals, advanced manufacturing processes, biopharmaceutics and pharmacokinetics.
PO 2	Recognize and analyze the problems related to design, development and manufacturing of dosage forms.
PO 3	Design and develop the appropriate dosage forms to overcome the problems of the drugs in connection with bioavailability, drug targeting, manufacturing and stability by adapting advanced strategies.
PO 4	Address the complex problems related to APIs, dosage forms and processes with the help of advanced tools and techniques.
PO 5	Apply appropriate and modern analytical methods, instrumentation, technologies, processes such as computational approaches, Quality-by-Design, nanotechnology, polymer sciences, hot melt extrusion, solubilization and lyophilization in the professional career.
PO 6	Develop and facilitate multidisciplinary approach for entrepreneurship and business proposition in pharmaceutical domain.
PO 7	Recognize the impact of the organizational or business solutions in societal and environmental contexts, and to demonstrate the acquired knowledge for the sustainable development in various pharmaceutical domains.
PO 8	Develop a sense of fair play and sensitivity to professional ethics.
PO 9	Cultivate the skill and confidence to perform proficiently as an individual, as one of the team members or as a leader of the team in multidisciplinary settings for effective productivity.
PO 10	Communicate effectively on academic, research, regulatory and IPR related activities.
PO 11	Exhibit the knowledge of the financial management to evaluate and execute new and ongoing projects for appropriate decision making.
PO 12	Cultivate a spirit that would enable individuals to work towards self-driven performance-goals, entrepreneurial endeavors and overall leadership to tackle future challenges through lifelong learning.