



After successful completion of MPharm Industrial Pharmacy 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, advanced manufacturing processes, biopharmaceutics and pharmacokinetics.
PO 2	Identify and analyze the problems related to design, development and manufacturing of dosage forms.
PO 3	Design and develop the suitable 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	Identify 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	Demonstrate 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.