



Department of Pharmaceutical Sciences and Technology

M. Tech. (Pharmaceutical Chemistry & Technology)

Program Educational Objectives (PEOs)

- PEO 1.** To generate excellent, trained postgraduates with *state-of-the-art knowledge* in *Pharmaceutical Technology* and allied subjects in an ambience of *Inspired Learning and Motivation* that could *Stimulate Growth and Excellence* as a vital aspect in *Providing Solutions to Pharmaceutical Industry*
- PEO 2.** To create postgraduates who are trained *in sync* with the *Requirements of the Pharmaceutical Industry* for the benefit of *Healthcare Sector in the country* with a focus on *Society, Economy, and most importantly, Environment*
- PEO 3.** To create postgraduate professionals of standing who would *Play Leadership Roles* across *Seminal Sectors* including *Education, Research, Industry and Government, Nationally and Globally*
- PEO 4.** To shape our postgraduates as *Leading Entrepreneurs* and *Future Leaders* of the *Pharmaceutical Industry* in sync with the *Current Needs of Society*
- PEO 5.** To create postgraduates who are trained in an *Ambience of Innovation* in tune with *Government Policies*

Program Outcomes (POs)

Students will develop -

- PO 1.** *An ability to independently tackle Research or Investigation and Development Work to Solve Practical Problems*
- PO 2.** *An ability to independently and confidently Write and Present a substantial Technical Report or Document*
- PO 3.** *An ability to demonstrate a Degree of Mastery in the domain of Pharmaceutical Technology as demonstrated through superior performance*
- PO 4.** *An ability to use and evaluate Modern Techniques and Tools applied routinely in Bulk Drug Synthesis, Formulation Development, Process Parameters, Analysis and Packaging of Drug Substances and Finished Pharmaceutical Products*
- PO 5.** *An ability to design solutions for Complex Pharmaceutical Technology Problems and Design System Components or Processes that meet the Specified Needs with appropriate considerations related to Public Health and Safety, along with Regulatory, Societal, and Environmental considerations*