

**DEVI AHILYA VISHWAVIDYALAYA, INDORE
SCHOOL OF PHARMACY**

PROGRAM OUTCOME : MASTER OF PHARMACY (PHARMACEUTICAL CHEMISTRY)

PO1	Drug discovery/ Synthesis	Provide basic knowledge and understanding of the principles in drug discovery, chemistry and structure of drugs, organic reactions, and mechanism of action, identification and analytical chemistry.
PO2	Advanced Technical Skills	Provides in depth knowledge on usage of various equipments and different kinds of simulation softwares to perform experiments on synthesis, drug design and interpretation of analytical data generated from LC-MS, GC-MS, ATR-IR, DSC etc. theoretically and practically.
PO3	Research and Development	<p>Provides an in depth knowledge in identifying a problem, critical thinking, analysis and provide rational solutions in design and development of medicinal compounds.</p> <p>Provides practical based education to apply the concept of pharmaceutical analysis, organic reactions, drug design, medicinal chemistry and quality control in the drug discovery and development of various medicinal compounds.</p>
PO4	Learning Aptitude	Inculcate an aptitude for continuous learning and professional development with ability to engage in research and development.
PO5	Scientific Writing	Enables effective oral and written communication on research and development and other analytical issues.
PO6	Ethics	Follow the code of ethics and commit to professional values, responsibilities, and norms of the Pharmacy practice.
PO7	Invention and Entrepreneurship	Provides an ability to implement the knowledge to execute the responsibilities successfully towards developing expertise, to grow as an entrepreneur and serve the needs of industry and academia.