

Maharshi Dayanand University, Rohtak

Department of Pharmaceutical Sciences

B. Pharmacy Program

PROGRAM OUTCOMES

Students will be able to :

- PO1** Acquire the strong fundamental concepts and high technical competence in pharmaceutical sciences and technology.
- PO2** Understand the well defined concepts in the various fields of pharmaceutical sciences viz., Pharmaceutics, Pharmaceutical chemistry, Pharmacognosy, Pharmacology and Pharmacy Practice according to the requirement of pharmaceutical industries, community and hospital pharmacy.
- PO3** Have a sense of teamwork and awareness amongst students towards the importance of interdisciplinary approach for developing competence in solving complex problems in the area of Pharmaceutical Sciences.
- PO4** Participate in lifelong learning process towards serving the cause of the society.
- PO5** Generate potential knowledge pools with interpersonal and collaborative skills to identify, assess and formulate problems and execute the solution in closely related pharmaceutical industries

M. Pharmacy Program

PROGRAM OUTCOMES

Students will be able to:

- PO1.** Acquire the knowledge of the pharmacy and its various branches related to the health aspects.
- PO2.** Learn various steps involved in the discovery and development of new drug and targeting of new drugs in the biological system.
- PO3.** Get acquainted with various regulatory guidelines related to the launching of new drug in market.
- PO4.** Have the knowledge of various dosage forms or the drug delivery system with their advantages and limitations and preclinical study of the drug.
- PO5.** Get familiar with the standardisation and quality control of medicinal plants/ new drug entities by various physiochemical means.

PH. D. IN PHARMACEUTICAL SCIENCES

PROGRAM OUTCOMES

Students will be able to:

- PO1** Have the deep methodological skill and an understanding of contemporary research in their respective area of emphasis, and be able to implement innovative research practices under guidance of their faculty advisor and in concert with their research team.
- PO2** Apply contemporary research in their respective area of emphasis to industry contexts and be able to engage in innovative practices informed by such research pertinent to pharmaceutical sciences and their area of emphasis in diverse contexts.
- PO3** Provide teaching assistance to UG, PG students and fellow Ph.D. students who are less advanced than they are in their respective doctoral programs.
- PO4** Acquire knowledge to launch an independent research agenda in their respective area of emphasis under the guidance of their faculty advisor.
- PO5** Complete and orally defend an acceptable dissertation based on original investigation and supervised by their dissertation committee showing mastery of an area of emphasis within pharmaceutical sciences, capacity for independent research, and a scholarly result.