

## ACADEMICS

### PROGRAMS OFFERED

#### ACADEMIC SCHEDULE

### EXAMINATIONS

#### MEDALS & AWARDS

#### ACADEMIC CALENDAR

### SYLLABUS

## PROGRAMS OFFERED

B. Pharm

M. Pharm

Pharmaceutical Chemistry

Pharmacology

Pharmaceutics

Pharm. D

Pharm. D (PB)

## EXAMINATION

Rules & Regulation

Malpractice

Exam Time Table

Exam Result

Download Application

## **B. Pharm**

MNR College of Pharmacy offering a four-year **Bachelor of Pharmacy** (abbreviated B. Pharm) is an undergraduate academic degree with semester schemes in the field of pharmacy, affiliated to Osmania University, Hyderabad. The degree is the basic prerequisite for registration to practice as a pharmacist in many countries and it's about understanding the properties, production and impacts of medicines and developing the skills required to counsel patients about their use. In order to be eligible, one must pass with at least 50% marks in 10 + 2 (or an equivalent examination) with biology or biotechnology as one of the subjects. D. Pharm (Diploma of Pharmacy) holders are eligible for admission into B. Pharm into the second year directly via lateral entry. MNR College of Pharmacy has approved by All Indian Council of Technical Education (AICTE) and Pharmacy Council of India (PCI).

<b>Course offered</b>	<b>Duration</b>	<b>Intake</b>	<b>Eligibility</b>
B. Pharm	4 years	100	BiPc /MPC stream (10+2) minimum 50% marks in total or in group subjects.

## **M. Pharm**

Master of Pharmacy (M. Pharm) in India is offered as post graduate course after completion of B. Pharm degree. The M. Pharm course is normally of two years duration. The course focuses on specialisation in the field of pharmacy. The M. Pharm courses are offered by MNR College of Pharmacy affiliated to Osmania University, Hyderabad. M. Pharm courses offered in MNR College of Pharmacy has also approved by All Indian Council of Technical Education (AICTE) and Pharmacy Council of India (PCI).

MNR College of Pharmacy is currently offering the following two-year master degree programs:

- M. Pharm (Pharmaceutical chemistry)
- M. Pharm Pharmaceutical)
- M. Pharm (Pharmacology)

### **M. Pharm (Pharmaceutical chemistry)**

M. Pharm. Pharmaceutical chemistry course gives necessary orientation and practical training in handling the various techniques related to medicines and cosmetics and their ingredients, various synthetic pathways for medicinal agents, especially synthetic organic chemistry and structural modifications. The first year involves theoretical and practical sessions in the following areas:

Advance chemistry of natural products, organic chemistry and medicinal chemistry and drug design and development.

The second-year projects touch upon therapeutics alteration, design, chemical synthesis and development for market of pharmaceutical agents.

MNR College of Pharmacy give specialties to the student continuous interaction with industries in and around Hyderabad and other organizations for academic, conferences and placements is a special feature during the course.

<b>Course offered</b>	<b>Duration</b>	<b>Intake</b>	<b>Eligibility</b>
<b>M. Pharm (Pharmaceutical chemistry)</b>	2 years	18	Pass in B. Pharmacy with minimum 50% marks.

### **M. Pharm (Pharmaceutics)**

The M. Pharm (Pharmaceutics) Programs deals with the formulation of a pure drug substance into a dosage form. It is also called the science of dosage form design. There are many chemicals with pharmacological properties, but need special measures to help them achieve therapeutically relevant amounts at their sites of action. M. Pharm pharmaceutics program lead to specialization in formulation development, manufacturing technology, and process development areas, which are essential specializations for manufacturing of traditional and novel drug delivery systems. Pharmaceutics helps relate the formulation of drugs to their delivery and disposition in the body.

The first year involves theoretical and practical sessions in the following areas: Pharmaceutical Analytical Techniques, Product Development, Production Technology, Quality Assurance and Product Development, Int. Property Rights & Regulatory Affairs, Biopharmaceutics, Pharmacokinetics, Drug delivery, Process scale up and validation

The second-year projects touch upon formulation development, stability studies, and process validation for traditional and novel drug delivery systems.

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<b>Course offered</b>	<b>Duration</b>	<b>Intake</b>	<b>Eligibility</b>
<b>M. Pharm (Pharmaceutics)</b>	2 years	24	Pass in B. Pharmacy with minimum 50% marks.

### **M. Pharm (Pharmacology)**

This Program leads to specialization in pharmacology, which is an integral part of the drug discovery and drug design processes. These processes deal with the identification of lead molecules that could have potential therapeutic activity due to specific molecular and receptor affinity, and analogous structure to specific sites and proteins in the body.

In the first year the Program covers theoretical and practical sessions in the areas: Pharmaceutical Analytical Techniques, Bioassays, Clinical Research, Toxicology, Molecular Pharmacology and Drug Design.

In the second year of the Program student's take-up several projects that are aimed at developing and exploring novel receptor targets and mechanisms for drug action in the pathophysiological stages of the disease.

The second-year clinical projects are done in animal model or hospital inpatient /outpatient Settings either in association with a clinical research organization or a pharmaceutical.

MNR College of Pharmacy give specialties to the student continuous interaction with industries in and around Hyderabad and other organizations for academic, conferences and placements is a special feature during the course.

<b>Course offered</b>	<b>Duration</b>	<b>Intake</b>	<b>Eligibility</b>
<b>M. Pharm (Pharmacology)</b>	2 years	18	Pass in B. Pharmacy with minimum 50% marks.

## **Pharm D**

Doctor of Pharmacy is a hospital oriented globally accepted pharmacy program. The course is designed to make the students competent as per the global demand in management of patient medication therapy and improve patient outcomes. Pharm. D is the first professional degree, and a prerequisite for licensing to practice as clinical pharmacist in many countries. MNR College of Pharmacy one of the leading college in the Hyderabad region of Telangana which providing the multi-specialty clinical environment for an exemplary training ground for practice based pharmacy education. Pharm. D curriculum focuses on core pharmacy courses in the first two years, followed by four years in the clinical setting. Pharm. D students are fully integrated into the multidisciplinary, multispecialty health care team of the 650 bedded MNR hospital with in the campus from the fourth year, concluding with a first rate comprehensive multi-speciality internship in the final year. Pharm. D trains students to work in hospital settings, relevant industry environments and to pursue higher degrees or clinical research in the international setting.

**Exam result**

<http://www.osmania.ac.in/More-Results.htm>