

MOULANA CHARITABLE TRUST



# Moulana COLLEGE OF PHARMACY

Angadippuram P.O., Perinthalmanna, Malappuram Dist., Kerala.

Ph: 04933 225343, 225344.

Approved by AICTE and Govt. of Kerala. Affiliated to the Kerala University of Health Sciences.



**PROSPECTUS FOR ADMISSION TO B.PHARM COURSE**

**Pharmaceutics:**

Pharmaceutics is the discipline of pharmacy that deals with the practical aspects of manufacturing, formulation and evaluation of various pharmaceutical dosage forms. A graduate shall be able to formulate, store, dispense, and analyze the prescription and/or manufacture the pharmaceuticals and cosmetics at the commercial level. The subject also helps to identify the student acquire knowledge and skill to apply quality assurance principles, including legal and ethical aspects involving drugs, delivering a quality assured product as per the pharmacopoeial, WHO and ISO standards. Practical aspects of product detailing and marketing of pharmaceutical products are also taught.

**Pharmaceutical Chemistry & Pharmaceutical Analysis (Chemistry of drugs):**

Pharmaceutical Chemistry enables the student to synthesize, purify and identify the medicinal agents and the Pharmaceutical analysis look after the quality control and quality assurance aspects of medicines.

**Pharmacognosy:**

The subject of Pharmacognosy deals with drugs of natural sources like herbal drug cultivation methods, bio-technological methods, formulation and production of pharmaceutical herbal products and their evaluation. The students will develop adequate skill to extract, purify, identify, and know the therapeutic value of herbal/crude/natural products.

**Pharmacology:**

This helps the student gain knowledge and scientific information regarding pharmacology of drugs, practical aspects of pharmacological screening for various medicinal agents using the animal model for pharmacology calculations, biological standardization, and in-vivo drug interactions and toxicity studies

**Pharmacy Practice:**

The subject of Pharmacy Practice deals with Hospital, Clinical and Community Pharmacy. It provides understanding of the processes involved in providing primary healthcare, drug information and other clinical pharmacy service in different practice environments. This enables students to acquire knowledge of clinical studies for patient counseling drug information, adverse drug reaction monitoring, toxicological studies, and therapeutic drug monitoring and other similar aspects of Clinical Pharmacy.