



# ACHARYA & B.M. REDDY COLLEGE OF PHARMACY

Affiliated to RGUHS



- Engage in innovative healthcare projects at our advanced research hub.
- Learn from expert faculty who are active researchers in pharmaceutical sciences.
- Benefit from personalized mentorship tailored to your academic and career goals.
- Industry-integrated curriculum that prepares you with real-world pharmaceutical practices.
- Specialized labs with state-of-the-art equipment for hands-on learning.
- Collaborative learning environment for comprehensive insights in pharmaceutical sciences.
- Strong placement success with over 550 companies recruiting annually.

**M PHARM**

**PHARMACEUTICAL CHEMISTRY**

## About

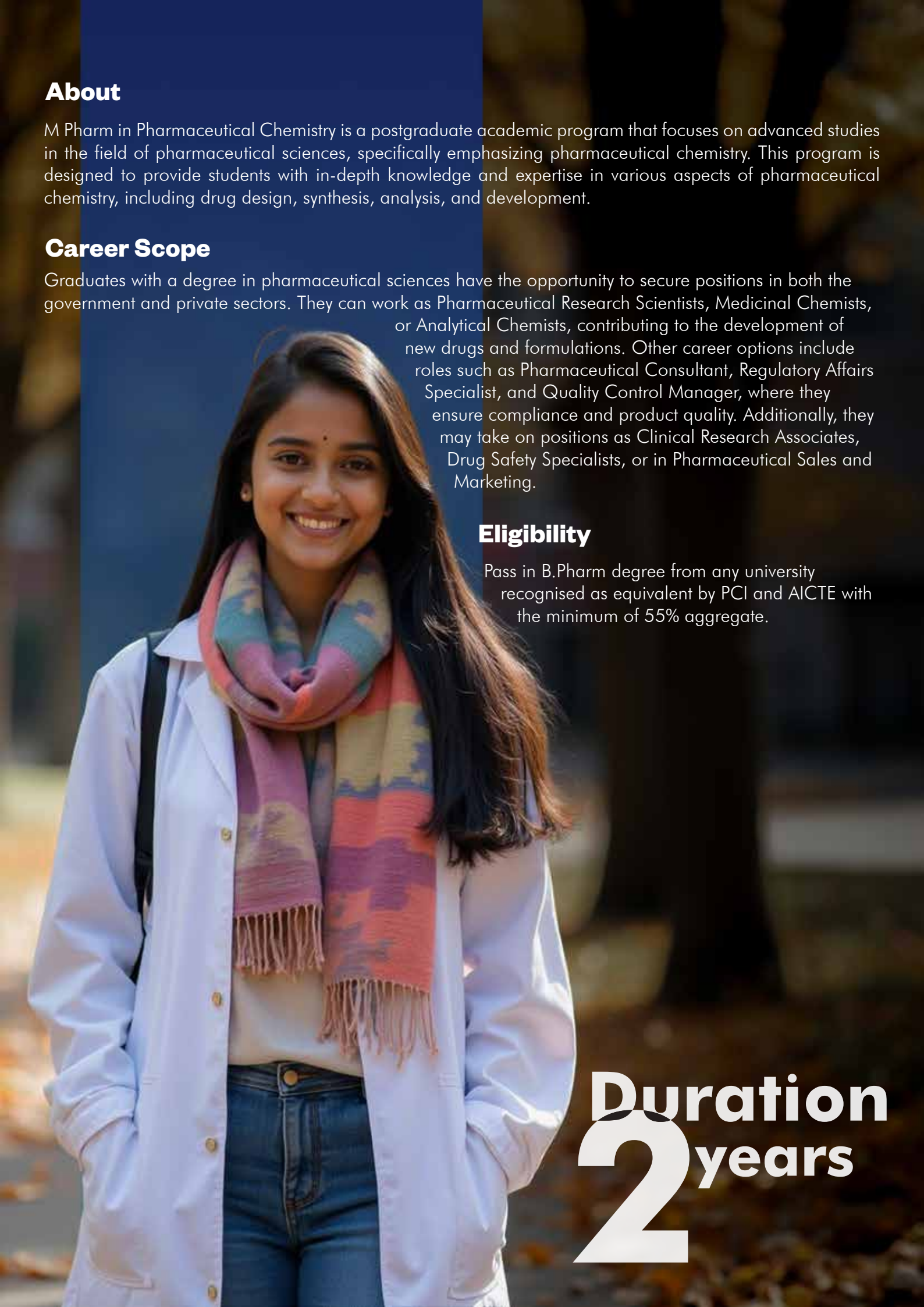
M Pharm in Pharmaceutical Chemistry is a postgraduate academic program that focuses on advanced studies in the field of pharmaceutical sciences, specifically emphasizing pharmaceutical chemistry. This program is designed to provide students with in-depth knowledge and expertise in various aspects of pharmaceutical chemistry, including drug design, synthesis, analysis, and development.

## Career Scope

Graduates with a degree in pharmaceutical sciences have the opportunity to secure positions in both the government and private sectors. They can work as Pharmaceutical Research Scientists, Medicinal Chemists, or Analytical Chemists, contributing to the development of new drugs and formulations. Other career options include roles such as Pharmaceutical Consultant, Regulatory Affairs Specialist, and Quality Control Manager, where they ensure compliance and product quality. Additionally, they may take on positions as Clinical Research Associates, Drug Safety Specialists, or in Pharmaceutical Sales and Marketing.

## Eligibility

Pass in B.Pharm degree from any university recognised as equivalent by PCI and AICTE with the minimum of 55% aggregate.



**Duration**  
**2** years

# COURSE CONTENT

## Semester 1

### Modern Pharmaceutical Analytical Techniques

- Advanced Organic Chemistry - I
- Advanced Medicinal chemistry
- Chemistry of Natural Products
- Pharmaceutical Chemistry Practical - I
- Seminar/Assignment

## Semester 2

- Advanced Spectral Analysis
- Advanced Organic Chemistry - II
- Computer Aided Drug Design
- Pharmaceutical Process Chemistry
- Pharmaceutical Chemistry Practical - II
- Seminar/Assignment

## Semester 3

- Research Methodology and Biostatistics
- Journal club
- Discussion / Presentation (Proposal Presentation)
- Research Work

## Semester 4

- Journal Club
- Research Work
- Discussion / Final Presentation



## Acharya Legacy

Founded in 1990, Acharya aims to revolutionize education. With over 12,000 students and 100+ academic programs annually, it stands among the global education elite. Located in India's technical hub, Bangalore, Acharya prioritizes innovation and knowledge. The institution fosters experiential and collaborative learning, shaping well-rounded individuals, evident in its diverse student population from 75+ countries.

**11** Institutions

**15** Research Centers

**100+** Programmes

**75+** Nationalities

**12000+** Students

**1000+** Eminent Faculties

**120** Acres State-of-the-Art Campus

**B Premnath Reddy**  
Founder Chairman  
Acharya Group

## Acharya Offerings - click on each to know more... >>

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Collaboration



Center of Excellence



Clubs



Digital Library



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Research



Sports



Hostels



Habba



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