



# 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  
PHARMACOLOGY**

## About

The Master of Pharmacy is a two-year program designed for postgraduate students, aimed at preparing them for various aspects of the pharmacy profession. The curriculum encompasses key areas such as the interaction between drugs and biological systems, exploring the resulting impact on the body. It also addresses the entire lifecycle of a drug, from its assimilation in the body to its eventual discharge. Subjects covered include Modern Pharmaceuticals, Pharmaceutical Practicals, and Drug Delivery Systems, providing a comprehensive foundation in both theoretical knowledge and practical skills.

## Career Scope

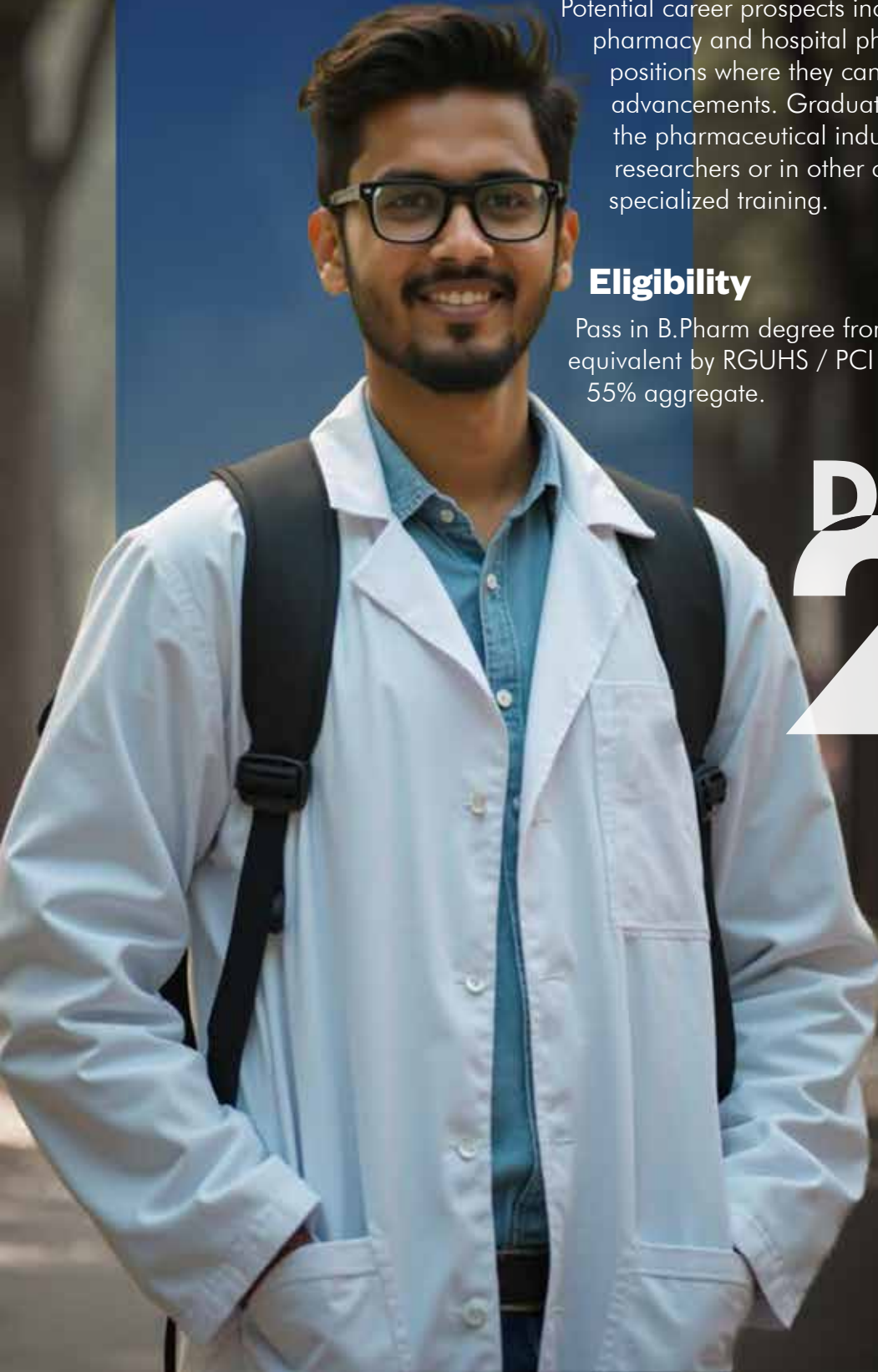
Upon completion of the program, graduates can explore diverse employment opportunities across various fields, including hospitals and the pharmaceutical industry.

Potential career prospects include roles in community pharmacy and hospital pharmacy, as well as research positions where they can contribute to scientific advancements. Graduates may also find positions within the pharmaceutical industry, taking on roles as researchers or in other capacities that leverage their specialized training.

## Eligibility

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

**Duration**  
**2** years



# COURSE CONTENT

## Semester 1

- Modern Pharmaceutical Analytical Techniques
- Advanced Pharmacology - I
- Pharmacological and Toxicological Screening Methods - I
- Cellular and Molecular Pharmacology
- Pharmacology Practical - I
- Seminar/Assignment

## Semester 2

- Advanced Pharmacology - II
- Pharmacological and Toxicological Screening Methods - II
- Principles of Drug Discovery
- Experimental Pharmacology practical - II
- Pharmacology 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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