



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.

B PHARM
BACHELOR OF PHARMACY

About

A bachelor in pharmacy (B.Pharm) is an undergraduate degree in the field of pharmacy. The future of the pharmaceutical industry holds a wide range of career opportunities for young aspirants. They can work as a pharmacist in wholesale pharmaceutical companies or hospitals.

Career Scope

Pharmacists play a crucial role in clinical trials worldwide, evaluating new drug products and preparing documentation on their effectiveness and safety. The career prospects for pharmacists are diverse and promising, including roles such as Pharmacist, Clinical Research Associate, Pharmaceutical Sales Representative, Quality Control Analyst, Hospital Pharmacist, Drug Safety Specialist, Research and Development Scientist, Pharmacovigilance Specialist, Pharmacy Manager, Compounding Pharmacist, and Academician/Researcher.

Eligibility

Pass in 10+2 / 'A' Level or its equivalent from any Board or Council with 45% aggregate marks in Physics, Chemistry & Biology / Mathematics / Zoology / Computer Science.

Must have completed 17 years of age by 31st December of the year of admission.

Duration
4 years



COURSE CONTENT

Semester 1

- Human Anatomy and Physiology I – Theory
- Pharmaceutical Analysis I – Theory
- Pharmaceutics I – Theory
- Pharmaceutical Inorganic Chemistry – Theory
- Communication skills – Theory
- Remedial Biology/ Remedial Mathematics – Theory
- Human Anatomy and Physiology – Practical
- Pharmaceutical Analysis I – Practical
- Pharmaceutics I – Practical
- Pharmaceutical Inorganic Chemistry – Practical
- Communication skills – Practical
- Remedial Biology – Practical

Semester 2

- Human Anatomy and Physiology II – Theory
- Pharmaceutical Organic Chemistry I – Theory
- Biochemistry– Theory
- Pathophysiology– Theory
- T Computer Applications in Pharmacy – Theory
- Environmental sciences – Theory
- Human Anatomy and Physiology II – Practical
- Pharmaceutical Organic Chemistry I– Practical
- Biochemistry– Practical
- Computer Applications in Pharmacy – Practical

Semester 3

- Pharmaceutical Organic Chemistry II – Theory
- Physical Pharmaceutics I – Theory
- Pharmaceutical Microbiology– Theory
- Pharmaceutical Engineering – Theory
- Pharmaceutical Organic Chemistry II – Practical
- Physical Pharmaceutics I – Practical
- Pharmaceutical Microbiology – Practical
- Pharmaceutical Engineering – Practical

Semester 4

- Pharmaceutical Organic Chemistry III– Theory
- Medicinal Chemistry I – Theory
- Physical Pharmaceutics II – Theory
- Pharmacology I – Theory
- Pharmacognosy and Phytochemistry I– Theory
- Medicinal Chemistry I – Practical
- Physical Pharmaceutics II – Practical
- Pharmacology I – Practical
- Pharmacognosy and Phytochemistry I – Practical



Semester 5

- Medicinal Chemistry II – Theory
- Industrial Pharmacy – Theory
- Pharmacology II – Theory
- Pharmacognosy and Phytochemistry II – Theory
- Pharmaceutical Jurisprudence – Theory
- Industrial Pharmacy – Practical
- Pharmacology II – Practical
- Pharmacognosy and Phytochemistry II – Practical

Semester 6

- Medicinal Chemistry III – Theory
- Pharmacology III – Theory
- Herbal Drug Technology – Theory
- Biopharmaceutics and Pharmacokinetics – Theory
- Pharmaceutical Biotechnology – Theory
- Quality Assurance – Theory
- Medicinal Chemistry III – Practical
- Pharmacology III – Practical
- Herbal Drug Technology – Practical

Semester 7

- Instrumental Methods of Analysis – Theory
- Industrial Pharmacy II – Theory
- Pharmacy Practice – Theory
- Novel Drug Delivery System – Theory
- Instrumental Methods of Analysis – Practical
- Practice School

Semester 8

- Biostatistics and Research Methodology
- Social and Preventive Pharmacy
- Pharma Marketing Management
- Pharmaceutical Regulatory Science
- Pharmacovigilance
- Quality Control and Standardization of Herbals
- Computer Aided Drug Design
- Cell and Molecular Biology
- Cosmetic Science
- Experimental Pharmacology
- Advanced Instrumentation Techniques
- Dietary Supplements and Nutraceuticals
- Project Work



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

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