



ACHARYA INSTITUTE OF ALLIED HEALTH SCIENCES

Affiliated to RGUHS



- Specialized programs for a comprehensive foundation in Allied Health Sciences.
- Globally-aligned curriculum with international immersion opportunities.
- Advanced simulation centers and labs for hands-on healthcare training.
- Real-world clinical experience to prepare for healthcare challenges.
- Community outreach programs for impactful, hands-on learning.
- Practical integration of theory and practice for career-ready skills.

B.SC IN RESPIRATORY CARE TECHNOLOGY

About

This undergraduate program is crafted to equip students with the skills needed to support healthcare professionals in evaluating, diagnosing, and treating patients with cardiopulmonary disorders. As respiratory diseases become increasingly prevalent, respiratory care professionals play a vital role in enhancing the well-being of individuals with respiratory problems.

Career Scope

Graduates of the program play vital roles in healthcare teams, finding opportunities in diverse settings such as hospitals, clinics, and rehabilitation centers. The curriculum is meticulously designed for job readiness, incorporating global internships, innovative teaching methodologies, and a strong emphasis on bridging theory with practical application. With this comprehensive training, graduates can pursue various roles, including Respiratory Therapist, Pulmonary Function Technologist, Sleep Technologist, Respiratory Care Educator, Clinical Research Coordinator, and Home Respiratory Therapist.

Eligibility

Pass in 10+2 / Higher Secondary (HS) / Pre University (PUC) / 'A' Level (with 12 years of schooling) or its equivalent in science stream (PCB) with English as one of the languages. Shall have passed individually in PCB Subjects and secured minimum of 45% in aggregate

Duration
4 years

[including 1 year of Internship]



COURSE CONTENT

Year 1

- Human Anatomy
- Physiology
- Biochemistry
- Pathology
- Microbiology

Subsidiary Subjects

- English
- Kannada
- Health-care

Year 2

- Medicine relevant to O.T Technology
- Applied pathology
- Applied microbiology
- Pharmacology
- Introduction to Respiratory Technology

Subsidiary Subjects

- Sociology
- Constitution of India
- Environmental Science and Health

Year 3

- Respiratory Technology - Clinical
- Respiratory Technology - Applied
- Respiratory Technology - Advanced

Subsidiary Subjects

- Ethics, Database Management
- Research & Biostatistics
- Computer Application



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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Academic Studio



Collaboration



Center of Excellence



Clubs



Digital Library



Laboratories



Research



Sports



Hostels



Habba



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