ACHARYA INSTITUTE OF ALLIED HEALTH SCIENCES

Affiliated to RGUHS



Established in 2019, Acharya Institute of Allied Health Sciences (AIAHS) offers specialized bachelor's programs across diagnostic, technical, therapeutic, and support services in healthcare. With a globally aligned curriculum, advanced simulation labs, and hands-on clinical exposure through partnerships with leading hospitals, AIAHS equips students with practical skills, professional competence, and community-focused experience, making it a top choice for Allied Health Sciences education in Bangalore.

- Specialized programs providing a strong foundation in Allied Health Sciences.
- Globally aligned curriculum with international immersion opportunities.
- Advanced simulation centers, labs, and in-house clinics for hands-on training.
- Real-world clinical experience with tie-ups at renowned hospitals.
- Community outreach programs integrating theory with practical, 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.

- **Healthcare-focused respiratory curriculum** teaching anatomy and physiology of the respiratory system and common respiratory disorders.
- **Comprehensive diagnostic training** covering pulmonary function tests, arterial blood gas analysis, and chest imaging interpretation.
- **Therapy and treatment skill development** including oxygen therapy, bronchodilator use, nebulisation and management of mechanical ventilation.
- **Hands-on ventilator proficiency** preparing students to assist patients with severe respiratory conditions using advanced life-support equipment.
- **Clinical and real-world focus** with practical training, global internships, and experiential learning integrated into the program.



Career Scope

- **Respiratory care and clinical roles** such as **Respiratory Therapist, Pulmonary Function Technologist,** and **Sleep Technologist** in hospitals, clinics and rehab centres.
- **Education and research opportunities** including roles as **Respiratory Care Educator** and **Clinical Research Coordinator** supporting quality respiratory services.
- **Outpatient & home care pathways** such as **Home Respiratory Therapist** and **specialised clinician roles** in chronic care and pulmonary rehabilitation.

Eligibility

10+2 (Science – PCB / PCMB). Min 45%.

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 Respiratory 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

FEE STRUCTURE

Refer offer letter for the actuals.

Inclusions : Tuition Fee, University Registration, Eligibility Fee, Miscellaneous Fee, Laboratory Fee, Library Fee, Sports Fee and Clinical Fee.

Exclusions : Uniform & Stationery.
Examination fee as prescribed by the University / Board.

Students are offered complimentary OBT and softskills.
Mandatory first-year hostel stay with four-sharing allotment with upgrades available at additional cost (mess not included).



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 Faculty

120 Acres State-of-the-Art Campus



B Premnath Reddy
Founder Chairman
Acharya Group

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Academic Studio



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Center of Excellence



Clubs



Digital Library



Laboratories



Research



Sports



Hostels



Habba



PROGRAMS OFFERED

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