



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 IMAGING
TECHNOLOGY**

About

The B.Sc in Imaging Technology at Acharya Institute of Allied Health Sciences stands as a specialized program aimed at providing students with comprehensive training in various advanced medical imaging techniques. Covering branches like CT, X-ray, Molecular Imaging, and more, the curriculum strikes a balance between medical and technical aspects.

Career Scope

Graduates from this program are well-prepared to meet the growing demand for skilled imaging technicians in the healthcare industry. The curriculum, which includes physics and medical subjects, equips students with the knowledge and skills necessary for a diverse range of career opportunities. These include roles such as Radiologic Technologist, MRI Technologist, CT Technologist, Ultrasound Technologist/Sonographer, Nuclear Medicine Technologist, Mammography Technologist, Cardiovascular Technologist, and Radiation 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 (Physics, Chemistry, Biology & Mathematics) with English as one of the languages. Shall have secured a minimum of 45% marks in aggregate

Duration
4 years

[including 1 year of Internship]



COURSE CONTENT

Year 1

Main Subjects

- Basic Biochemistry
- Ocular Biochemistry and Nutrition
- General Anatomy and Physiology
- Ocular Anatomy and Physiology
- Physical and Principles of Lighting
- Geometric Optics

Subsidiary Subjects

- English
- Kannada
- Health-care

Year 2

Main Subjects

- Physics of Radiology, Radiation Physics & Medical Physics
- Radiographic Techniques- I
- Radiographic Photography & Image Processing

Subsidiary Subjects

- Sociology
- Constitution of India
- Environmental Science and Health

Year 3

Main Subjects

- Diagnostic Imaging Techniques
- Radiographic Techniques- II

Subsidiary Subjects

- 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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