



HINDUSTAN

INSTITUTE OF TECHNOLOGY & SCIENCE
(DEEMED TO BE UNIVERSITY)



School of Allied Health Sciences

BACHELOR OF SCIENCE **CARDIOVASCULAR TECHNOLOGY** (B.Sc. CVT)

SALIENT FEATURES

- A sound knowledge on non-invasive diagnostic and therapeutic interventional procedures related to catheterization, balloon angioplasty, valvoplasty, closure of congenital defects, pacemaker implantation, vascular diagnosis and interventions etc. is imparted.
- Training is provided in preparing the patients for monitoring the blood pressure, using ECG equipment for measuring the heartbeat.
- Enabling the students to perform non-invasive procedures such as echocardiography, Holter and Treadmill exercise testing
- Assisting the cardiologists during the non-invasive procedures.

CAREER OPPORTUNITIES

As cardiovascular technologists in

- Hospitals
- Medical Laboratories
- Imaging centers

ABOUT THE PROGRAM

This is a full-time, undergraduate degree program in the field of healthcare. This program prepares the students to assist cardiologists with non-invasive diagnostic and therapeutic interventional procedures.

B.Sc Cardiovascular Technology is conducted by HITS in collaboration with Frontier Lifeline Hospital, which is one of the best Cardiac Speciality Hospitals in Chennai. Its Medical Science Park enables students to carry out research with its well-equipped labs, simulation centres, libraries and classrooms.

Duration: Three Years

PROGRAM STRUCTURE

- Credit based curriculum
- Non-semester pattern
- Theory with practical components

Eligibility: A minimum 50% pass in 12th Standard with science subject and after completing the Entrance examination and Interview.

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