



HINDUSTAN

INSTITUTE OF TECHNOLOGY & SCIENCE
(DEEMED TO BE UNIVERSITY)



School of Allied Health Sciences

BACHELOR OF SCIENCE **ANESTHESIA TECHNOLOGY** (B.Sc. AST)

SALIENT FEATURES

- Training in preparing Anesthesia trolleys, checking the machines for suction and gas system operation is imparted.
- A sound knowledge on inhalational agents in usage, working of operation theater (OT) tables, various gases used in OT is provided.
- Enabling the students to assist with the administration and monitoring of anesthesia.
- Utility of technological and technical skill in life-saving machines like CPAP (Continuous positive airway pressure), HFNO (High flow nasal oxygen), ventilators and other O2 use devices for management of emergencies like Covid19.

CAREER OPPORTUNITIES

- A Physician Assistant is one of the most popular career options in assisting Doctor. In the healthcare sector the demand for Physician Assistants is very high.
- Some of the popular sectors are: Private and Government Hospitals; Diagnostic Centers; Health Care Centers; Emergency Care Units; and Educational Services Nursing Homes.

ABOUT THE PROGRAM

This is a full-time, undergraduate degree program in the field of healthcare. This program prepares the students to become well versed with the pharmacology of anesthetic and non-anesthetic drugs, their preparation, dilution, labeling etc.

B.Sc Anaesthesia Technology is conducted by HITS in collaboration with Frontier Lifeline Hospital, which is one of the best Cardiac Speciality Hospitals in Chennai. It's 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.

 **Administrative Office:**
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