

# B.Sc Cardiovascular Technology (Hons)

## OVERVIEW

Current management of various cardiac disorders includes complex diagnostic and therapeutic procedures, which involve use of various equipment, hardware, tools, machines, and pharmacological agents. Handling of these equipment and tools as well as their regular maintenance requires advanced and focused knowledge of the scientific principles on which the tests and equipment function, as well as to have hands-on skill in using this equipment correctly and safely.



## ELIGIBILITY CRITERIA

10+2(Intermediate) biology with Mathematics, Pure Sciences, Diploma in Respiratory Technology, Diploma in Anaesthesia, Diploma in Dialysis, Any Degree in Life Sciences Courses.

## CAREER PATH

1. Noninvasive cardiac diagnosis procedure
2. Research organizations
3. Biomedical industry
4. Technical specialists in healthcare institutions



## MAIN OBJECTIVES OF THE COURSE

The objective of this training program is to have a paramedical service of personnel with core knowledge in clinical cardiovascular medicine and technology to support

1. Clinical cardiovascular procedures
2. Stress testing
3. Electrocardiography - performance and analysis
4. Holter recording and reporting.
5. HUTT performance and reporting
6. Echocardiography
7. Cardiac catheterization (diagnostic, therapeutics), EP/RFA, device therapy (patient preparation, sedation, procedure assistants, follow up care and rehabilitation)
8. Heart failure therapeutic support
9. Rhythm management support
10. Pacemaker analysis, programming and follow up
11. To carry out basic maintenance of equipment and hardwares.



## GLOBAL OUTREACH

The students and aspirants who wish to pursue higher studies in this field can opt for the, following courses can also travel to USA, Australia, Germany, France, UK, New Zealand, Spain, Singapore Canada, Switzerland, Europe, Malaysia, Sweden, United Arab Emirates.

