

## B.Sc. Cardiovascular Technology

### Programme Structure:

Courses	Credits
<b>I Semester</b>	
Human Anatomy & Physiology - I	4
Pathology & Microbiology - I	4
Biochemistry	4
Cardiac anatomy and physiology	4
Basic ECG	4
Kannada	2
<b>II Semester</b>	
Human Anatomy & Physiology - II	4
Pathology & Microbiology - II	4
Advanced ECG & Holter monitoring	4
Cardiac embryology	4
English	4
Constitution of India	2
Multi-disciplinary elective	3
<b>III Semester</b>	
Systemic Pathology	4
Applied Microbiology	4
General Pharmacology	4
Congenital Heart Disease I	4
Physics & Instrumentation	4
Clinical CVT I	4
Hindi	2
Human rights and Gender equity	2

<b>IV Semester</b>	
Congenital Heart Disease II	4
Clinical Cardiology	4
Cardiac Stress test & Nuclear Cardiology	4
Basic Cardiac Cath & Hardwares	4
Clinical CVT II	4
Environmental Science	2
Multi-disciplinary elective	3
<b>V Semester</b>	
Valvular & Aortic Heart Disease	4
Applied Echocardiography	4
Cardiac Cath & Intervention I	4
Clinical CVT III	4
Medical Ethics	2
<b>VI Semester</b>	
Ischemic, myopericardial Heart Diseases & Cardiac Masses	4
Advanced Echocardiography	4
Cardiac Cath & Intervention II	4
Clinical CVT IV	4
Biostatistics	2
Multi-disciplinary elective	3
<b>VII Semester</b>	
Internship - I	20
<b>VIII Semester</b>	
Internship - II	20