

B.Sc. Perfusion Technology

Programme Structure:

Courses	Credits
I Semester	
Human Anatomy & Physiology - I	4
Pathology & Microbiology - I	4
Biochemistry	4
Cardiac Anatomy & Physiology	4
Constitution of India	2
Courses	Credits
II Semester	
Human Anatomy & Physiology – II	4
Pathology & Microbiology - II	4
Introduction to OT & Perfusion Technology	4
English	4
Environmental Science	2
Multi-disciplinary elective	3
III Semester	
Systemic Pathology	3
Applied Microbiology	3
General Pharmacology	4
Basics of Medical Disorder	4
Introduction to Perfusion Technology-I	4
Hindi	2
Human rights and Gender equity	2

IV Semester	
Introduction to Perfusion Technology- II	4
Medicine Relevant to Perfusion Technology	4
Valvular Heart Disorder	4
Environmental Studies	2
Kannada	2
Multi-disciplinary elective	3
V Semester	
Clinical Perfusion Technology	4
Congenital Heart Disorder	4
Applied Perfusion Technology	3
Pediatric Perfusion Technology	3
Clinical Applications of PT-II	4
Medical Ethics	2
VI Semester	
Advanced Perfusion Technology	4
Special situation in Cardiac Surgery	4
Cardiac Life Support	4
Clinical Applications of PT-II	4
Biostatistics	2
Multi-disciplinary elective	3
VII Semester	
Internship - I	20
VIII Semester	
Internship - II	20