



# YENEPOYA

## SCHOOL OF ALLIED HEALTH SCIENCES

### M.Sc. Perfusion Technology

#### Programme Structure:

Courses	Credits
<b>I Semester</b>	
Cardiology	3
Introduction to OT & Perfusion Technology	3
Cardiac Surgery	3
Biostatistics & Research Methodology	3
Clinical Perfusion I	8
<b>II Semester</b>	
Equipment's in Perfusion Technology Physiology & Pathology of Perfusion	3
Pharmacology of cardiovascular drugs	3
Minimally Invasive Cardiac Surgery	3
Bioethics	3
Clinical Perfusion II	8
Open Elective	3
<b>III Semester</b>	
Haematology as Relevant to Perfusion, Blood transfusion and Blood Conservation	3
Minimized CPB Techniques	3
Clinical Applications of PT	
Health Care Management	3
Clinical Perfusion III	8
Open Elective	3
<b>IV Semester</b>	
Cardiac surgery without CPB, Mechanical circulatory support & Robotic Cardiac surgery	3
Organ Transplantation	3
Dissertation	12
Clinical Perfusion IV	8