

School of Allied Health Sciences
Department Of Cardiovascular Technology
Programmes: M.Sc Cardiovascular Technology

SEMESTER-I

Sl No	Name of the Course	L	T	P	C
1	Invasive and Non-invasive Cardiology	3	0	0	3
2	Electrocardiography	3	0	0	3
3	Echocardiography	3	0	0	3
4	Anatomy, Physiology, Pathology of Lungs and Heart	3	0	0	3
5	Basics of Perfusion Technology	3	0	0	3
6	Invasive and Non-invasive Cardiology-Lab	0	0	2	1
7	Echocardiography- Lab	0	0	2	1
	Total	15	0	4	17

SEMESTER-II

Sl. No.	Name of the Course	L	T	P	C
1	Cardio Pulmonary Bypass	3	0	0	3
2	Advanced Perfusion Techniques	3	0	0	3
3	Electrophysiology and Cardiac Pacemakers	3	0	0	3
4	Preventive Cardiology	3	0	0	3
5	Research Methodology	3	0	0	3
6	Clinics-(60 hours)	-	-	-	5
7	Summer Training Programme (Min of 8 weeks-during summer break -240 hours)	-	-	-	8
	Total	15	0	0	28

SEMESTER-III

Sl. No.	Name of the Course	L	T	P	C
1	Cath and Intervention in cardiac diseases	3	0	0	3
2	Cath and Intervention in Congenital Heart Diseases	3	0	0	3

3	Cath and Intervention in Myocardial and Pericardial Diseases	3	0	0	3
4	Patient Right, Consent and Medical Ethics	3	0	0	3
5	Recent Advances in Interventional Cardiology	3	0	0	3
6	Synopsis Presentation	0	3	0	3
7	Clinics -60 hours	0	0	0	5
	Total	15	3	0	23
SEMESTER IV					
Sl. No.	Name of the Course	L	T	P	C
1	Internship 6 Months	-	-	-	20
2	Project and Dissertation	-	-	-	7
	Total				27
	Total Credits	95			