

First Year – Semester – I						
Course Code	Course Title	L	T	P	C	Total Hours
Core 1	Anatomy and Physiology	4	-	-	4	60
Practical	Anatomy and Physiology (practicals)			2	2	60
Core 2	Pharmacology and Biochemistry	4	-	-	4	60
Practical	Pharmacology and Biochemistry (practicals)			2	2	60
Core 3	Microbiology and Pathology	4	-	-	4	60
Practical	Microbiology and Pathology (PRACTICALS)			2	2	60
Practical	Clinical Cardiology-I	-	-	6	6	180

First Year – Semester – II						
Course Code	Course Title	L	T	P	C	TotalHours
Core 4	Cardiology	4	-	-	4	60
Practical	Cardiology (Practicals)			2	2	60
Core 5	Electrophysiology And Cardiac Pacemakers	4	-	-	4	60
Practical	Electrophysiology And Cardiac Pacemakers(practicals)			2	2	60
Core 6	Cath. And Intervention In Ischemic And Valvular Heart Disease	4	-	-	4	60
Practical	Cath. And Intervention In Ischemic And Valvular Heart Disease(Practicals)			2	2	30
Core 7	Biostatistics	3	-	-	3	45
GE01	To Be Chosen By The Student	3	-	-	3	45

Second Year – Semester – III						
Course Code	Course Title	L	T	P	C	Total Hours
Core 8	X-Ray Physics, Instrumentation, Hardwares And Sterility	4	-	-	4	60
Practical	X-Ray Physics, Instrumentation, Hardwares And Sterility (Practicals)			2	2	60
Core 9	Cardiac Catheterization Laboratory Basics	4	-	-	4	60
Practical	Cardiac Catheterization Laboratory Basics(Practicals)			2	2	60
Core 10	Cardiac Catheterization Laboratory Advance	4	-	-	4	60
Practical	Cardiac Catheterization Laboratory Advance(Practicals)	1	-	-	1	30
GE02	To Be Chosen By The Student	3	-	-	3	45
Second Year – Semester – IV						
Course Code	Course Title	L	T	P	C	Total Hours
Core 11	Cath And Intervention In Congenital Heart Diseases	4	-	-	4	60
Practical	Cath And Intervention In Congenital Heart Diseases(Practicals)			2	2	60
Core 12	Cath And Intervention In Myocardial, Pericardial Disease and Non Cardiac Intervention	4	-	-	4	60
Practical	Cath And Intervention In Myocardial, Pericardial Disease and Non Cardiac Intervention(Practicals)			2	2	60
Core 13	Cardiac Life Support	3	-	-	3	45
GE 03	To Be Chosen By The Student	3	-	-	3	45
PRO 01	Dissertation And Viva Voce	-	-	6	6	180