

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	-	-	4	4	60
GE 01	To be chosen by the student	3	-	-	3	45

First Year –Semester– II						
Course Code	Course Title	L	T	P	C	Total Hours
Core 4	Cardiology	4	-	-	4	60
Practical	Cardiology (practicals)			2	2	60
Core 5	Embryology and UltrasoundPhysics	4	-	-	4	60
Practical	Embryology and UltrasoundPhysics (practicals)			2	2	60
Core 6	PediatricEchocardiography-I	4	-	-	4	60
Practical	PediatricEchocardiography-I (practicals)			2	2	60
Core 7	Biostatistics	3	-	-	3	45
Practical	Clinical Cardiology – II	-	-	2	2	60
GE 02	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	Echocardiography of Valvular Heart Disease	4	-	-	4	60
Practical	Echocardiography of Valvular Heart Disease (practicals)			2	2	60
Core 9	Echocardiography of Ischemic Heart Disease	4	-	-	4	60
Practical	Echocardiography of Ischemic Heart Disease (practicals)	-	-	2	2	60
Core 10	Ethics of Echocardiography	3	-	-	3	45
Core 11	Pediatric Echocardiography-II	4	-	-	4	60
Practical	Clinical Cardiology – III	-	-	3	3	45
GE 03	To be chosen by the student	3	-	-	3	45

Second Year –Semester– IV						
Course Code	Course Title	L	T	P	C	Total Hours
Core 12	Congenital Heart Disease in Echocardiography	4	-	-	4	60
Practical	Congenital Heart Disease in Echocardiography (Practicals)			2	2	60
Core 13	Echocardiography in Myocardial, Pericardial, Aortic ,Systemic Disorders and Non cardiac Diagnosis	4	-	-	4	60
Practical	Echocardiography in Myocardial, Pericardial, Aortic and Systemic Disorders & Non cardiac Diagnosis (Practicals)			2	2	60
GE04	To be choosen by student	3	-	-	3	45
Core 14	Recent advances in Echocardiography	3	-	-	3	45
PRO 01	Dissertation and viva voce	-	-	-	6	180