

M.Sc – ECHOCARDIOGRAPHY

DURATION OF THE COURSE:

Every student shall undergo a period of certified study extending over 2 Academic years.

FIRST YEAR SUBJECTS:

Table - I Distribution of Teaching Hours in First Year M.Sc. Echocardiography Subject

Sl.No.	Main Subjects	Theory No. of hours	Practical No. of hours	Total
1.	CARDIOLOGY	100	140	240
2.	CARDIAC SURGERY	100	140	240
3	PHYSICS AND INSTRUMENTATION RELATED TO ECHOCARDIOGRAPH	100	140	240
4	ECHOCARDIOGRAPHY FOR ISCHEMIC HEART DISEASE	100	140	240
5	ECHOCARDIOGRAPHY FOR VALVULAR HEART DISEASE	100	140	240
	Subsidiary subject:			
	a. Biostatistics	30	10	40
	b. Research methodology	30	--	30
	C. Medical Ethics	10		10
	Total	570	710	1280

SECOND YEAR SUBJECTS:

Table- II Distribution of teaching hours in Second year M.Sc. Echocardiography subjects.

Sl. No	Branches	Theory No. of hours	Practical No. of hours	Total
1.	PAEDIATRIC ECHOCARDIOGRAPHY	120	200	320
2.	ECHOCARDIOGRAPHY IN MYOCARDIAL, PERICARDIAL, AORTIC AND SYSTEMIC DISORDERS	120	200	320
3.	EQUIPMENT, APPLICATIONS AND ERROR ANALYSIS	20	20 {Practical- 15 + Record - 5	40
4.	USE OF ULTRASOUND FOR NON CARDIAC DIAGNOSIS	20	20 {Practical- 15 + Record - 5	40
	Total	80	80	160