

M.Sc Renal Dialysis Technology

First Semester

Sl. No.	Course Titles	Hours		
		Theory	Practical	Total
1	Anatomy paper (Basic anatomy /Nephroanatomy / Embryology/ Histology / Histotechniques)	130	65	195
2	Physiology (General physiology/ Nephrophysiology /Endocrinology)	130	50	180
3	Biochemistry	75	25	100
4	Nephrogenetics/Molecular biology	75	25	100
5	Microbiology	75		75
TOTAL		485	165	650

Second Semester

Sl. No.	Course Titles	Hours		
		Theory	Practical	Total
1	Nephropathology/NephrImmunology	100	30	130
2	Pharmacology	75	30	105
3	Research Methodology	100	30	130
4	Biophysics/Biomedical Instrumentation	80		80
5	Biostatistics	80		80
TOTAL		435	90	525

Third Semester

Sl. No.	Course Titles	Hours		
		Theory	Practical	Total
1	Nephrology & Kidney disease	100	200	100
2	Emergency medicine/ACLS/Renal Nutrition	100	50	150
3	Nephro- Radiological and imaging sciences	75	50	125
TOTAL		275	300	575

Fourth Semester

Sl. No.	Course Titles	Hours		
		Theory	Practical	Total
1	Recent Advance in Dialysis & Nephrology	100	200	300
2	Renal transplantation and coordination/Psychology	75	50	75
3	Project / Thesis/ Dissertation			150
TOTAL		175	250	575