

VINAYAKA MISSION'S RESEARCH FOUNDATION						
FACULTY OF ALLIED HEALTH SCIENCES						
CBCS PATTERN SYLLABUS & CIRICULLUM						
STUDENTS ADMITTED FROM THE ACADEMIC YEAR 2022-2023 BATCH AND ON WARDS						
S.No	COURSE TITLE	HOURS PER WEEK			C	HRS
		L	T	P/ CR		
FIRST SEMESTER						
1	Anatomy	3	0	0	3	45
2	Physiology	3	0	0	3	45
3	Biochemistry	3	0	0	3	45
4	Nephrogenitics/Molecular Biology	4	0	0	4	60
5	Microbiology	3	0	0	3	45
6	To be choosen by students	3	0	0	3	45
FIRST SEMESTER PRACTICALS						
1	Anatomy	0	0	2	2	60
2	Physiology	0	0	1	1	30
3	Biochemistry	0	0	1	1	30
4	Nephrogenitics/Molecular biology	0	0	2	2	60
SECOND SEMESTER						
1	Nephropathology/NephroImmunology	4	0	0	4	60
2	Pharmacology	3	0	0	3	45
3	ResearchMethodology	3	0	0	3	45
4	To be choosen by students	3	0	0	3	45
5	Biostatistics	4	0	0	4	60
6	Clinical dialysis-I	3	0	0	3	45
SECOND SEMESTER PRACTICALS						
1	Nephropathology/NephroImmunology	0	0	2	2	60
2	Pharmacology	0	0	2	2	60
3	Research methodology	0	0	2	2	60
THIRD SEMESTER						
1	Nephrology and kidney disease.	4	0	0	4	60
2	Renal transplantation and coordination/ Renal Nutrition	4	0	0	4	60
3	Nephron-Radiological and imaging sciences	4	0	0	4	60
4	To be choosen be students	3	0	0	3	45
5	Clinical dialysis-II	3	0	0	3	45
THIRD SEMESTER PRACTICALS						
1	Nephrology and kidney disease	0	0	2	2	60
2	Renal transplantation and coordination/ renal nutrition	0	0	2	2	60
3	Nephron-radiological and imaging sciences	0	0	2	2	60

Fourth semester						
1	Recent Advance in Dialysis and Nephrology	4	0	0	4	60
2	To be choosen by students	3	0	0	3	45
3	Clinical dialysis -III	3	0	0	3	45
4	Medicine relevant to renal dialysis technology	3	0	0	3	45
5	Renal Psychology	3	0	0	3	45
6	Dissertation and Viva Voce	0	0	0	8	240

FOURTH SEMESTER PRACTICALS

1	Recent advance in dialysis and nephrology	0	0	2	2	60
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GENERIC ELECTIVE

- 1. Biophysics**
- 2. Biomedical instrumentation.**
- 3. Hospital Health care management**
- 4. Emergency medicine/ACLS.**