

**VINAYAKA MISSION'S RESEARCH FOUNDATION
FACULTY OF ALLIED HEALTH SCIENCES
CBCS PATTERN AND SYLLABUS CURRICULUM
B.Sc., RENAL DIALYSIS TECHNOLOGY**

For the students admitted from the academic year 2022 – 2023 batch and onwards

S.NO	COURSE CODE	COURSE TITLE	L	T	P / CR	C	HRS
SEMESTER – I THEORY							
1.	BRDAEC01	General psychology	2	0	0	2	30
2.	BRDSEC01	To be chosen by the students	2	0	0	2	30
3.	BRDCT01	General Anatomy	4	0	0	4	60
4.	BRDCT02	General Physiology	4	0	0	4	60
5.	BRDCT03	General Biochemistry	4	0	0	4	60
PRACTICAL							
1.	BRDCL01	General Anatomy	0	0	1	1	30
2.	BRDCL02	General Physiology	0	0	1.5	1.5	45
3.	BRDCL03	General Biochemistry	0	0	1.5	1.5	45
SEMESTER – II THEORY							
1.	BRDAEC02	Basic food and nutrition	2	0	0	2	30
2.	BRDSEC02	To be chosen by the students	2	0	0	2	30
3.	BRDCT04	General Microbiology	4	0	0	4	60
4.	BRDCT05	General Pathology	4	0	0	4	60
5.	BRDCT06	General Pharmacology	4	0	0	4	60
PRACTICAL							
1.	BRDCL04	General Microbiology	0	0	1.5	1.5	45
2.	BRDCL05	General Pathology	0	0	1.5	1.5	45
3.	BRDCL06	General Pharmacology	0	0	1	1	30
SEMESTER – III THEORY							
1.	BRDAEC03	Environmental Sciences	2	0	0	2	30
2.	BRDSEC03	To be chosen by the students	2	0	0	2	30
3.	BRDCT07	Applied pathology and microbiology	4	0	0	4	60
4.	BRDCT08	Medicine relevant to renal dialysis technology	4	0	0	4	60
5.	BRDCT09	Introduction to renal dialysis technology	4	0	0	4	60
6.	BRDTC10	Applied Pharmacology	3	0	0	3	45
PRACTICAL							
1.	BRDCL07	Applied pathology & microbiology	0	0	1	1	30
2.	BRDCL08	Medicine relevant to renal dialysis technology	0	0	1.5	1.5	45
3.	BRDCL09	Introduction to renal dialysis technology	0	0	1.5	1.5	45

4.	BRDCL10	Applied Pharmacology	0	0	1	1	30
SEMESTER – IV							
THEORY							
1.	BRDSEC04	To be chosen by students	2	0	0	2	30
2.	BRDCT11	Basic concept of renal disease-I	4	0	0	4	60
3.	BRDCT12	Basic concept of renal disease-II	4	0	0	4	60
4.	BRDCT13	Patient care and basic nursing	4	0	0	4	60
PRACTICAL							
1.	BRDCL11	Basic concept of renal disease-I	0	0	2	2	60
2.	BRDCR01	Clinical Rotation	0	0	8	8	240
SEMESTER – V							
THEORY							
1.	BRDSEC05	To be chosen by students	2	0	0	2	30
2.	BRDDSE01	Hemodialysis-I	4	0	0	4	60
3.	BRDDSE02	Hemodialysis-II	4	0	0	4	60
4.	BRDDSE03	Hemodialysis-III	4	0	0	4	60
PRACTICAL							
1.	BRDCR02	Clinical Rotation	0	0	8	8	240
SEMESTER – VI							
THEORY							
1.	BRDSEC06	To be chosen by students	2	0	0	2	30
2.	BRDDSE04	Peritoneal dialysis	4	0	0	4	60
3.	BRDDSE05	Dialysis in special situation	4	0	0	4	60
4.	BRDDSE06	Recent advance in dialysis technology	4	0	0	4	60
PRACTICAL							
1.	BRDCR03	Clinical Rotation	0	0	8	8	240
		TOTAL				130	2490
FOURTH YEAR							
1	BRDIN01	Internship	0	0	20	20	600
2	BRDPRO 01	Dissertation and Viva voce	0	0	6	6	180