

**CBCS PATTERN AND SYLLABUS CURRICULUM****B.Sc., RENAL DIALYSIS TECHNOLOGY**

For the students admitted from the academic year 2019 – 2020 batch and onwards

S.NO	COURSE CODE	COURSE TITLE	L	T	P / CR	C	HRS
<b>SEMESTER – I</b>							
<b>THEORY</b>							
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
<b>PRACTICAL</b>							
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
<b>SEMESTER – II</b>							
<b>THEORY</b>							
1.	BRDAEC02	Basics of 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
<b>PRACTICAL</b>							
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 Science	2	0	0	2	30
2.	BRDSEC03	To be chosen by the students	2	0	0	2	30
3.	BRDCT07	Applied pathology/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

**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

**SEMESTER – IV****THEORY**

1.	BRDSEC04	To be chosen by students	2	0	0	2	30
2.	BRDCT10	Basic concept of renal disease-1	4	0	0	4	60
3.	BRDCT11	Basic concept of renal disease-2	4	0	0	4	60
4.	BRDCT12	Patient care and basic nursing	4	0	0	4	60

**PRACTICAL**

1.	BRDCL10	Basic concept of renal disease-1	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-1	4	0	0	4	60
3.	BRDDSE02	Hemodialysis-2	4	0	0	4	60
4.	BRDDSE03	Hemodialysis-3	4	0	0	4	60
<b>PRACTICAL</b>							
1.	BRDCR02	Clinical Rotation	0	0	8	8	240
<b>SEMESTER – VI</b>							
<b>THEORY</b>							
1.	BRDDSE04	Peritoneal dialysis	4	0	0	4	60
2.	BRDDSE05	Dialysis in special situation	4	0	0	4	60
3.	BRDDSE06	Recent advance in dialysis technology	4	0	0	4	60
<b>PRACTICAL</b>							
1.	BRDCR03	Clinical Rotation	0	0	8	8	240
		<b>TOTAL</b>				126	2460