



MGM SCHOOL OF BIOMEDICAL SCIENCES
(A constituent unit of MGM INSTITUTE OF HEALTHSCIENCES)

(Deemed University u/s 3 of UGC Act 1956)

Grade “A” Accredited by NAAC

Sector 1, Kamothe, Navi Mumbai-410209,

Tel.No.:022-27437631,27437632,27432890

Email: sbsnm@mgmuhs.com/Website: www.mgmsbsnm.edu.in

CHOICE BASED CREDIT SYSTEM (CBCS)

With effect from Academic Year 2021 – 22

Curriculum for

M.Sc. Medical Dialysis Technology

OUTLINE OF COURSE CURRICULUM														
M.Sc. Medical Dialysis Technology														
Semester I														
Code No.	Core Course	Credits/Week					Hrs/Semester					Marks		
		Lecture (L)	Tutorial (T)	Practical (P)	Clinical Posing/Rotation (CP)	Total Credits (C)	Lecture (L)	Tutorial (T)	Practical (P)	Clinical Posing/Rotation (CP)	Total (hrs.)	Internal Assement (IA)	Semester End Exam (SEE)	Total
Theory														
MMDT 101 L	Anatomy (Nephroanatomy & Histology)	3	-	-	-	3	45	-	-	-	45	20	80	100
MMDT 102 L	Physiology (Nephrophysiology)	4	-	-	-	4	60	-	-	-	60	20	80	100
MMDT 103 L	Nephrogenetics & Pharmacology	3	-	-	-	3	45	-	-	-	45	20	80	100
MMDT 104 L	Water Treatment	2	-	-	-	2	30	-	-	-	30	20	80	100
MMDT105 CP	MRSDT Directed Clinical Education - I	-	-	-	15	5	-	-	-	225	225	-	50	50
Practical														
MMDT 101 P	Anatomy (Nephroanatomy & Histology)	-	-	1	-	1	-	-	15	-	30	10	40	50
MMDT 102 P	Physiology (Nephrophysiology)	-	-	1	-	1	-	-	15	-	30	10	40	50
Total		12	0	2	15	19	180	0	30	225	465	100	450	550

OUTLINE OF COURSE CURRICULUM														
M.Sc. Medical Dialysis Technology														
Semester II														
Code No.	Core Course	Credits/Week					Hrs/Semester					Marks		
		Lecture (L)	Tutorial (T)	Practical (P)	Clinical Posing/Rotation (CP)	Total Credits (C)	Lecture (L)	Tutorial (T)	Practical (P)	Clinical Posing/Rotation (CP)	Total (hrs.)	Internal Assement (IA)	Semester End Exam (SEE)	Total
Theory														
MMDT 106 L	Aetio-Pathology of Renal Disease	3	-	-	-	3	45	-	-	-	45	20	80	100
MMDT 107 L	Clinical Nephrology	3	-	-	-	3	45	-	-	-	45	20	80	100
MMDT 108 L	Dialysis Equipment	3	-	-	-	3	45	-	-	-	45	20	80	100
MMDT 109 CP	MRSDT Directed Clinical Education - II	-	-	-	15	5	-	-	-	225	225	-	50	50
CC 001 L	Research Methodology & Biostatistics (Core Course)	4	-	-	-	4	60	-	-	-	60	20	80	100
Practical														
MMDT 107 P	Clinical Nephrology	-	-	2	-	1	-	-	15	-	30	10	40	50
MMDT 108 P	Dialysis Equipment	-	-	2	-	1	-	-	15	-	30	10	40	50
CC 001 P	Research Methodology & Biostatistics (Core Course)	-	-	4	-	2	-	-	30	-	60	10	40	50
Core Elective Course														
CEC 001 L	Basics of Clinical Skill Learning	3	-	-	-	3	45	-	-	-	45	20	80	100
CEC 002 L	Hospital Operation Management	-	-	-	-	-	-	-	-	-	-	-	-	-
Total		16	0	8	15	25	240	0	60	225	585	130	570	700

