



Annexure-5.1 C

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

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

Grade “A” Accredited by NAAC

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CHOICE BASED CREDIT SYSTEM (CBCS)

(Academic Year 2018 - 19)

Curriculum for

M.Sc. Allied Health Sciences

M. Optometry

OUTLINE OF COURSE CURRICULUM														
M.Optomtry														
Semester I														
Code No.	Core Subjects	Credits/Week					Hrs/Semester					Marks		
		Lecture (L)	Tutorial (T)	Practical (P)	Clinical Posing/Rotation	Total Credits (C)	Lecture (L)	Tutorial (T)	Practical (P)	Clinical Posing/Rotation	Total hrs.	Internal Assessment	Semester Exam	Total
Theory														
MOPTOM 101 L	Epidemiology Public health & Community Eye Health	2	-	-	-	2	30	-	-	-	30	20	80	100
MOPTOM 102 L	Ocular Diseases	4	-	-	-	4	60	-	-	-	60	20	80	100
MOPTOM 103 L	Anterior Segment Dignostic	4	-	-	-	4	60	-	-	-	60	20	80	100
MOPTOM 104 CP	Optometry Directed Clinical Education-I	-	-	-	21	7	-	-	-	315	315	50	-	50
Practical														
MOPTOM 101 P	Epidemiology Public health & Community Eye Health	-	-	4	-	2	-	-	60	-	60	10	40	50
MOPTOM 103 P	Anterior Segment Diagnostic	-	-	4	-	2	-	-	60	-	60	10	40	50
Total		10	0	8	21	21	150	0	120	315	585	130	320	450

OUTLINE OF COURSE CURRICULUM														
M.Optomtry														
Semester II														
Code No.	Core Subjects	Credits/Week					Hrs/Semester					Marks		
		Lecture (L)	Tutorial (T)	Practical (P)	Clinical Posing/Rotation	Total Credits (C)	Lecture (L)	Tutorial (T)	Practical (P)	Clinical Posing/Rotation	Total hrs.	Internal Assessment	Semester Exam	Total
Theory														
MOPTOM 105 L	Ocular Diseases and Diagnostics II	3	-	-	-	3	45	-	-	-	45	20	80	100
MOPTOM 106 L	Advanced Contact Lenses I	2	-	-	-	2	30	-	-	-	30	20	80	100
MOPTOM 107 L	Binocular Vision and Pediatric Optometry	4	-	-	-	4	60	-	-	-	60	20	80	100
MOPTOM 108 L	Low vision and Geriatric Optometry	2	-	-	-	2	30	-	-	-	30	20	80	100
MOPTOM 109 CP	Optometry 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														
MOPTOM 105 P	Ocular Diseases and Diagnostics II	-	-	2	-	1	-	-	30	-	30	50	-	50
MOPTOM 106 P	Advanced Contact Lenses I	-	-	2	-	1	-	-	30	-	30	50	-	50
MOPTOM 107 L	Binocular Vision and Pediatric Optometry	-	-	4	-	2	-	-	60	-	60	10	40	50
MOPTOM 108 P	Low vision and Geriatric Optometry	-	-	4	-	2	-	-	60	-	60	10	40	50
CC 001 P	Research Methodology & Biostatistics (Core Course)	-	-	4	-	2	-	-	60	-	60	10	40	50
Core Elective Course														
CEC 001 L	Basics of Clinical Skill Learning	3	-	-	-	3	45	-	-	-	45	100	-	100
CEC 002 L	Hospital Operation Management													
Total		18	0	16	15	31	270	0	240	225	735	380	520	900

OUTLINE OF COURSE CURRICULUM														
M.Optomtry														
Semester III														
Code No.	Core Subjects	Credits/Week					Hrs/Semester					Marks		
		Lecture (L)	Tutorial (T)	Practical (P)	Clinical Posing/Rotation	Total Credits (C)	Lecture (L)	Tutorial (T)	Practical (P)	Clinical Posing/Rotation	Total hrs.	Internal Assessment	Semester Exam	Total
Theory														
MOPTOM 110 L	Advanced Dispensing optics	3	-	-	-	3	45	-	-	-	45	20	80	100
MOPTOM 111 L	Advance Contact Lense II	2	1	-	-	3	30	-	-	-	30	20	80	100
MOPTOM 112 L	Visual Perception Neuroscience & Psychophysics	2	1	-	-	3	30	-	-	-	30	20	80	100
MOPTOM 113 L	Applied Vision Therapy	4	-	-	-	4	60	-	-	-	60	20	80	100
MOPTOM 114 CP	Optometry Directed Clinical Education-III	-	-	-	15	5	-	-	-	225	225	50	-	50
MOPTOM 115	Dissertation/Project*	10	-	-	-	5	-	-	-	-	-	50	-	50
Practical														
MOPTOM 110 P	Advanced Dispensing optics	-	-	2	-	1	-	-	30	-	30	10	40	50
MOPTOM 111 P	Advance Contact Lense II	-	-	2	-	1	-	-	30	-	30	10	40	50
MOPTOM 113 P	Applied Vision Therapy	-	-	2	-	1	-	-	30	-	30	10	40	50
Seminar														
MOPTOM 116	Seminars	-	-	-	-	1	-	-	-	-	-	50	-	50
Total		21	2	6	15	27	165	0	90	225	480	260	440	700

OUTLINE OF COURSE CURRICULUM														
M.Optomtry														
Semester IV														
Code No.	Core Subjects	Credits/Week					Hrs/Semester					Marks		
		Lecture (L)	Tutorial (T)	Practical (P)	Clinical Posing/Rotation	Total Credits (C)	Lecture (L)	Tutorial (T)	Practical (P)	Clinical Posing/Rotation	Total hrs.	Internal Assessment	Semester Exam	Total
Theory (General Elective**)														
GE 001 L	Pursuit of Inner self Excellence(POISE)	4	-	-	-	4	60	-	-	-	60	100	-	100
GE 002 L	Bioethics, Biosafety, IPR and Technology Transfer													
GE 003 L	Disaster Management and Mitigation Resources													
GE 004 L	Human Rights													
Practical														
MOPTOM 115	Dissertation / Project	-	-	36	-	18	-	-	-	-	-	-	200	200
MOPTOM 117	Educational Tour / Field Work/IV/Hospital Visit	-	-	-	-	2	-	-	-	-	-	50	-	50
Total		4	0	36	0	24	60	0	0	0	60	150	200	350