

**MULTIDISCIPLINARY CENTRE FOR ADVANCED RESEARCH & STUDIES
(MCARS)**

Outline for the Syllabus for PG Diploma in Molecular Diagnostics

(48 credits=1200 marks)

S. No.	Course	Course title	Credit	Period per week			Distribution of marks			
				L	T	P	Mid Sem Evaluation		End Sem exam	Total
							CWS	MST		
FIRST SEMESTER										
01	GTM-114	Biochemical Techniques in diagnostics	4	3	1	0	20	20	60	100
02	GTM-124	Molecular Genetics and Immunodiagnostics	4	3	1	0	20	20	60	100
03	GTM-134	Data management, Analysis and Statistics	4	3	1	0	20	20	60	100
04	GTM-144	OMICs based diagnostics	4	3	1	0	20	20	60	100
05	GPM-112	Biochemical Techniques in diagnostics	2	0	0	2	10	10	30	50
06	GPM-122	Molecular Genetics and Immunodiagnostics	2	0	0	2	10	10	30	50
07	GPM-132	Data management, Analysis and Statistics	2	0	0	2	10	10	30	50
08	GPM-142	OMICs based diagnostics	2	0	0	2	10	10	30	50
		TOTAL CREDITS	24				TOTAL MARKS			600
SECOND SEMESTER										
01	GTM-214	Recombinant DNA Technology in Diagnostics	4	3	0	1	20	20	60	100
02	GTM-224	Microbial pathology and diagnostics	4	3	0	1	20	20	60	100
03	GPM-212	Recombinant DNA Technology in Diagnostics	2	0	0	2	10	10	30	50
04	GPM-222	Microbial pathology and diagnostics	2	0	0	2	10	10	30	50
05	GTM-2310	Project dissertation and <i>Viva Voce</i>	10	-		-	0	0	250	250
06	GTM-242	Seminar presentations	2	2	0	0	0	0	0	50
		TOTAL CREDITS	24				TOTAL MARKS			600

L: Lecture

T: Tutorial

P: Practical