

SEMESTER - 1							
Sl. No.	Type	Course No.	Course Name	L	T	P	Credits
THEORY							
1	PC	PMG1001	Introductory Microbiology	2	1	0	3
2	PC	PMG1002	Cell and Molecular Biology	2	0	0	2
3	PC	PMG1003	Biochemistry of Macromolecules	2	0	0	2
4	PC	PMG1004	Introduction to Bioinformatics	2	1	0	3
5	OE	PDS1001	Probability and Statistics	4	0	0	4
PRACTICAL							
6	PC	PMG1101	Introductory Microbiology	0	0	6	3
7	PC	PMG1102	Biochemistry and Molecular Biology	0	0	6	3
MANDATORY NON-CGPA COURSE							
8	MC	PMG1501	Seminar/Skill-Ex	-	-	-	2
TOTAL				12	2	12	20

SEMESTER - 2							
Sl. No.	Type	Course No.	Course Name	L	T	P	Credits
THEORY							
1	PC	PMG2001	Microbial Ecology and Evolution	2	1	0	3
2	PC	PMG2002	Medical Microbiology and Immunology	2	1	0	3
3	PC	PMG2003	NGS Data Analysis	3	1	0	4
4	PC	PMG2004	Molecular Genetics and Diseases	2	0	0	2
5	PC	PMG2005	Virology	2	0	0	2
6	OE	PDS2007	Introduction to Genetics Databases	4	0	0	4
PRACTICAL							
7	PC	PMG2101	Medical Microbiology and Immunology	0	0	4	2
MANDATORY NON-CGPA COURSE							
8	MC	PMG2501	Seminar/Skill-Ex	-	-	-	2
TOTAL				16	2	4	20

SEMESTER - 3							
Sl. No.	Type	Course No.	Course Name	L	T	P	Credits
THEORY							
1	PC	PMG3001	Systems Genetics	3	1	0	4
2	PC	PMG3002	Fermentation and Bioprocess Technology	3	1	0	4
3	PC	PMG3003	Functional Genomics and Proteomics	3	1	0	4
4	PC	PMG3004	Genetic Engineering and Synthetic Biology	2	1	0	3
5	PC	PMG3005	Career Development, Entrepreneurship and IPR	2	0	0	2
6	PC	PMG3006	Research Methodology	3	0	0	3
MANDATORY NON-CGPA COURSE							
7	MC	PMG3501	Seminar/Skill-Ex	-	-	-	2
TOTAL				18	2	0	20

SEMESTER - 4							
Sl. No.	Type	Course No.	Course Name	L	T	P	Credits
1	PC	PMG4001	Final Thesis with Oral Presentation and Viva Voce	-	-	-	20
MANDATORY NON-CGPA COURSE							
2	MC	PMG4501	Seminar/Skill-Ex	-	-	-	2
TOTAL				-	-	-	20