

**M.Sc. Microbiology Scheme of Curriculum
(2020-21 Batch)**

Course Code	Course Name	L	T	P	Credit
SEMESTER-I					
06000101	English Communication and Life Skills - I	3	0	0	3
06000102	Biostatistics	3	0	0	3
06010101	General Microbiology	4	0	2	5
06010102	Microbiological Techniques	4	0	0	4
06010103	Virology	4	0	0	4
06010104	Environmental Microbiology and Waste Management	3	0	2	4
	TOTAL	21	0	4	23
SEMESTER-II					
06000201	English Communication and Life Skills - II	3	0	0	3
06010201	Microbial Genetics	3	0	2	4
06010202	Microbial Physiology and Metabolism	4	0	2	5
06020202	Enzyme Technology	4	0	0	4
06020204	Immunology and Immunotechnology	3	0	2	4
06020205	Genomics, Proteomics and Bioinformatics	3	0	2	4
	TOTAL	20	0	8	24
SEMESTER-III					
06000301	Intellectual Property Rights	3	0	0	3
06010301	Medical Microbiology	4	0	2	5
06010302	Agricultural Microbiology	4	0	2	5
06010304	Microbial Biotechnology	4	0	0	4
06010303	Bioprocess Technology	3	0	2	4
06010206	Training Evaluation	0	0	4	2
	Elective	3	0	0	3
06020304	Biofuel Technology				
06010306	Pharmaceutical Microbiology				
06020305	Stem cells				
06020306	Fundamentals of Nano-biotechnology				
	TOTAL	21	0	10	26
SEMESTER-IV					
06010401	Dissertation Work	0	0	-	18
	Total (Entire Course)				91