

M.Sc. Part 1 For Academic Year 2022-23 2019 Pattern CBCS SEM-I

SUB CODE	SUB NAME	
		COMPULSORY
MB501	MICROBIAL SYSTEMATICS	
MB502	QUANTITATIVE BIOLOGY	
MB503	BIOCHEMISTRY AND METABOLISM	
MBCP 1	PRACTICALS BASED ON MB 501, 502 & 503	
		ELECTIVE COURSES
MBTE 11	FUNGAL SYSTEMATICS AND EXTREMOPHILES	
MBPE 11	PRACTICALS BASED ON MBTE 11	

M.Sc. Part 2 For Academic Year 2022-23 2019 Pattern CBCS SEM-III

SUB CODE	SUB NAME	
MB 701	IMMUNOLOGY	COMPULSORY
MB 702	MOLECULAR BIOLOGY	
MB 703	CLINICAL MICROBIOLOGY	
MBCP 3	PRACTICALS BASED ON MB 701, 702 & 703	
		ELECTIVE COURSES
MBTE 32	BIOREMEDIATION AND BIOMASS UTILIZATION	
MBPE 32	PRACTICALS BASED ON MBTE 32	

M.Sc. Part 1 For Academic Year 2022-23 2019 Pattern CBCS SEM-II

SUB CODE	SUB NAME	
		COMPULSORY
MB601	INSTRUMENTATION AND MOLECULAR BIOPHYSICS	
MB602	MOLECULAR BIOLOGY	
MB603	ENZYMOLGY, BIOENERGETICS AND METABOLISM	
MBCP 2	PRACTICALS BASED ON MB 601, 602 & 603	
		ELECTIVE COURSES
MBTE 23	NITROGEN METABOLISM , RESPIRATION AND PHOT	
MBPE 23	PRACTICALS BASED ON MBTE 23	

M.Sc. Part 2 For Academic Year 2022-23 2019 Pattern CBCS SEM-IV

SUB CODE	SUB NAME	
MB 801	PHARMACEUTICAL MICROBIOLOGY	COMPULSORY
MB 802	MICROBIAL TECHNOLOGY	
MBCP 4	DISSERTATION	
		ELECTIVE COURSES
MBTE 41	QUALITY ASSURANCE AND VALIDATION IN PHARMACEUTICAL INDUSTRY AND DEVELOPMENT OF ANTI-INFECTIVES	
MBPE41	PRACTICALS BASED ON MBTE 41	
MBTE 42	ADVANCES IN MICROBIAL TECHNOLOGY	
MBPE 42	PRACTICALS BASED ON MBTE 42	