

VEER NARMAD SOUTH GUJARAT UNIVERSITY, SURAT
M. Sc. Biotechnology
 (Five Years Integrated Course)

Teaching and Examination Scheme for Semester-IX

Paper	Teaching Schedule Hours/Week	University Exam Theory/Practical		Internal Exam Theory/Practical	Total Theory/Practical
		Duration (Hours)	Marks		
Theory					
IBT-901: Biodiversity and Bioresources	4	3	70	30	100
IBT-902: Instrumentation and Techniques	4	3	70	30	100
IBT-903: Advances in Molecular Biology	4	3	70	30	100
IBT-904: Bioethics, Biosafety, IPR and Entrepreneurship development	4	3	70	30	100
Practical					
IBT-905: Instrumentation Techniques and Biodiversity	9	2 x 5	100	50	150
IBT-906: Advances in Molecular Biology	9	3 x 5	100	50	150
TOTAL	34		480	220	700

VEER NARMAD SOUTH GUJARAT UNIVERSITY, SURAT
M. Sc. Biotechnology
 (Five Years Integrated Course)

Teaching and Examination Scheme for Semester-V (New)

Paper	Teaching Schedule Hours/Week	University Exam Theory/Practical		Internal Exam Theory/Practical	Total Theory/Practical
		Duration (Hours)	Marks		
Theory					
IBT-501: Molecular Biology and Genetic Engineering	4	3	70	30	100
IBT-502: Applied Microbiology	4	3	70	30	100
IBT-503: Introduction to Biotechnology	4	3	70	30	100
IBT-504: Introduction to Computers and Bioinformatics	4	3	70	30	100
IBT-505: Immunology and Medical Microbiology	4	3	70	30	100
Practical					
IBT-506: Molecular Biology and Genetic Engineering	9	3 x 5	100	50	150
IBT-507: Applied Microbiology and Immunology	6	2 x 5	70	30	100
IBT-508: Computers and Bioinformatics	3	1 x 5	35	15	50
TOTAL	38		555	245	800

VEER NARMAD SOUTH GUJARAT UNIVERSITY, SURAT
M. Sc. Biotechnology
(Five Years Integrated Course)

Teaching and Examination Scheme for Semester-VI (New)

Paper	Teaching Schedule Hours/Week	University Exam Theory/Practical		Internal Exam Theory/Practical	Total Theory/Practical
		Duration (Hours)	Marks		
Theory					
IBT-601: Animal Biotechnology	4	3	70	30	100
IBT-602: Plant Biotechnology	4	3	70	30	100
IBT-603: Microbial Biotechnology	4	3	70	30	100
IBT-604: Environmental Biotechnology	4	3	70	30	100
IBT-605: Medical Biotechnology	4	3	70	30	100
Practical					
IBT-606: Plant and Animal Biotechnology	9	3 x 5	100	50	150
IBT-607: Microbial Biotechnology	9	3 x 5	100	50	150
TOTAL	38		550	250	800