

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

Course outline for the first three years (six semesters)

I - Semester

IBT: 101	Chemistry
IBT: 102	Physics
IBT: 103	Bioscience-I
IBT: 104	Mathematics
IBT: 105	Communication Skills
IBT: 106	Practicals

II – Semester

IBT: 201	Biochemistry –I
IBT: 202	Basics of Computers
IBT: 203	Bioscience-II
IBT: 204	Biostatistics
IBT: 205	Environmental Biology
IBT: 206	Practicals

III Semester

IBT: 301	Microbiology –I
IBT: 302	Biochemistry – II
IBT: 303	General Genetics
IBT: 304	Cell Biology
IBT: 305	Instrumentation
IBT: 306	Practicals

IV Semester

IBT: 401	Microbiology –II
IBT: 402	Biochemistry –III
IBT: 403	Molecular Biology –I
IBT: 404	Immunology –I
IBT: 405	Molecular Genetics
IBT: 406	Practicals

V Semester

IBT: 501	Introduction to Genetic Engineering
IBT: 502	Introduction to Biotechnology
IBT: 503	Molecular Biology –II
IBT: 504	Immunology –II
IBT: 505	Introduction to Bioinformatics
IBT: 506	Practicals

VI Semester

IBT: 601	Animal Biotechnology
IBT: 602	Plant Biotechnology
IBT: 603	Microbial Biotechnology
IBT: 604	Environmental Biotechnology
IBT: 605	Medical Biotechnology
IBT: 606	Practicals/ Project