

VEER NARMAD SOUTH GUJARAT UNIVERSITY, SURAT

M. Sc. Biotechnology

Revised Syllabus of Post Graduate Course: M. Sc. Biotechnology

Semester	Subject Code	Title	Academic year of Implementation
VII OR I	BT-1001	Bioprocess Technology-I	2018-2019
	BT-1002	Enzyme Technology	
	BT-1003	Advances in Instrumentation Techniques	
	BT-1004	Cell and Tissue Culture Technology-I	
	BTP-01	Enzyme and Bioprocess Technology	
	BTP-02	Cell Culture Technology-I	

Semester	Subject Code	Title	Academic year of Implementation
VIII OR II	BT-2001	Bioprocess Technology-II	2018-2019
	BT-2002	Genomics and Proteomics	
	BT-2003	Aquaculture Technology	
	BT-2004	Agriculture Biotechnology	
	BTP-03	Genomics and Bioprocess Technology	
	BTP-04	Aquaculture and Agriculture Biotechnology	

Semester	Subject Code	Title	Academic year of Implementation
IX OR III	BT-3001	Advances in Bioinformatics	2019-2020
	BT-3002	Advances in Molecular Biology	
	BT-3003	Biotechnology Entrepreneurship Development	
	BT-3004	Cell and Tissue Culture Technology-II	
	BTP-05	Bioinformatics and Molecular Biology	
	BTP-06	Cell Culture Technology-II	

Final Semester shall have two options for the fulfilment of M. Sc. Biotechnology Degree:

- (a) Research Based
- (b) Skill Based

Research Based:

Semester	Subject Code	Title	Academic year of Implementation
X OR IV	BT: R-4001	Seminar Presentation	2019-2020
	BT: R-4002	Review of Research Publications	
	BT: R-4003	Research Poster Presentation	
	BT: R-4004	Dissertation (Plant/Animal/Microbial Biotechnology)	

Skill Based:

Semester	Subject Code	Title	Academic year of Implementation
X OR IV	BT: S-4001	Essential Skills for Biopharmaceutical Industry	2019-2020
	BT: S-4002	Essential Skills for Bio-services and Bio-Agri Industries	
	BT: S-4003	Essential Skills for Clinical Laboratories	
	BT: S-4004	Skill Enhancement Laboratory Work	