



# SARDAR PATEL UNIVERSITY

Vallabh Vidyanagar

NAAC 'A' Grade (10-01-2023 To 09-01-2028)

NEP-2020 aligned Curriculum with effect from Academic Year 2026-27

## Master of Science in Biotechnology (Semester : 1)

Course Type	Course Code	Course Title	Teaching-Learning Scheme		Credits	Assessment Scheme & Marks				
			L-P-T	Total Notional Hours		Internal Assessment			External Assessment	Total Marks
						FA	SA	Total		
<b>DSC</b> (Any Five)	P2S01NCBIT01	Molecular Biology	4-0-1	120	4	30	20	50	50	100
	P2S01NCBIT02	Biochemistry and Metabolism	4-0-1	120	4	30	20	50	50	100
	P2S01NCBIT03	Molecular Cell Biology	4-0-1	120	4	30	20	50	50	100
	P2S01NCBIT04	Bioanalytical Laboratory	0-8-0	120	4	30	20	50	50	100
	P2S01NCBIT05	Cell and Molecular Biology Laboratory	0-8-0	120	4	30	20	50	50	100
<b>DSE</b> (Any One)	P2S01NEBIT01	Bioethics & Biosafety	2-0-0	60	2	15	10	25	25	50
	P2S01NEBIT02	Entrepreneurship Fundamentals	2-0-0							
	P2S01NEBIT03	Principles of Ecology	2-0-0							
	P2S01NEBIT04	Pharmaceutical Microbiology	1-2-0							
	P2S01NEBIT05	Mathematics Essentials for Biologists	2-0-0							
				<b>660</b>	<b>22</b>			275	275	550

**DSC:** Discipline Specific Core, **DSE:** Discipline Specific Elective, **L:** Lecture, **P:** Practical, **T:** Tutorial, **FA:** Formative Assessment, **SA:** Summative Assessment



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