



## 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 Botany]

#### Semester-I

Course Type	Course Code	Course Title	Teaching-Learning		Credits	Assessment Scheme & Marks				
			L-P-T	Total Notional Hours		Internal Assessment			External Assessment	Total Marks
						FA	SA	Total		
<b>DSC (Any Five)</b>	P2S01NCBOT01	Biology and Diversity of Lower Plants	4-0-1	120	4	30	20	50	50	100
	P2S01NCBOT02	Biology and Diversity of Seed Plants	4-0-1	120	4	30	20	50	50	100
	P2S01NCBOT03	Cell and Molecular Biology	4-0-1	120	4	30	20	50	50	100
	P2S01NCBOT04	Laboratory I: Plant Diversity and Field	0-8-0	120	4	30	20	50	50	100
	P2S01NCBOT05	Laboratory II: Cell Biology and Biomolecular Techniques	0-8-0	120	4	30	20	50	50	100
<b>DSE (Any One)</b>	P2S01NEBOT01	Bioethics & Biosafety	2-0-0	60	2	15	10	25	25	50
	P2S01NEBOT02	Entrepreneurship fundamentals	2-0-0							
	P2S01NEBOT03	Mathematics Essential for Biologist	2-0-0							
	P2S01NEBOT04	Principles of Ecology	1-2-0							
	P2S01NEBOT05	Pharmaceutical Microbiology	2-0-0							
				<b>660</b>	<b>22</b>			<b>275</b>	<b>275</b>	<b>550</b>

*Note: Add/remove rows as per requirement.*

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

**NOTE: TOTAL CREDITS: 22; TOTAL MARKS: 550/600 PER SEMESTER**

