



## 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 Microbiology]

#### Semester-II

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 (Any Five)</b>	P2S02NCMIC01	Molecular Genetics	4-0-1	120	4	30	20	50	50	100
	P2S02NCMIC02	Enzyme Technology	4-0-1	120	4	30	20	50	50	100
	P2S02NCMIC03	Cellular & Molecular Immunology	4-0-1	120	4	30	20	50	50	100
	P2S02NCMIC04	Microbial Genetics and Immunology Laboratory	0-8-0	120	4	30	20	50	50	100
	P2S02NCMIC05	Enzyme Technology Laboratory	0-8-0	120	4	30	20	50	50	100
<b>DSE (Any one)</b>	P2S02NEMIC01	Biostatistics Using R	2-0-0	60	2	15	10	25	25	50
	P2S02NEMIC02	Microtechniques	1-2-0							
	P2S02NEMIC03	Developmental Biology	2-0-0							
	P2S02NEMIC04	Molecular Endocrinology	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