



## 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

### M.Sc. (Materials Science)

#### 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		
DSC	P2S02NCMAT01	Microstructure Control and Metallic Processing	4-0-1	120	4	25	25	50	50	100
DSC	P2S02NCMAT02	Glass, Ceramic and Carbon Materials	4-0-0	120	4	25	25	50	50	100
DSC	P2S02NCMAT03	Fundamentals of Material Properties: Optical, Thermal, Electrical and Magnetic	4-0-0	120	4	25	25	50	50	100
DSC	P2S02NCMAT04	Practical-I	0-8-0	120	4	25	25	50	50	100
DSC	P2S02NCMAT05	Practical-II	0-8-0	120	4	25	25	50	50	100
DSC	P2S02NCMAT06	Materials Testing and Analysis-II	2-0-1	60	2	10	15	25	25	50
				<b>660</b>	<b>22</b>	<b>135</b>	<b>140</b>	<b>275</b>	<b>275</b>	<b>550</b>

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

