



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-I

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	P2S01NCMAT01	Basic Concepts and Interfacial Aspects of Materials Science	4-0-1	120	4	25	25	50	50	100
DSC	P2S01NCMAT02	Crystal Growth and Thin Film Materials	4-0-0	120	4	25	25	50	50	100
DSC	P2S01NCMAT03	Polymer Science	4-0-0	120	4	25	25	50	50	100
DSC	P2S01NCMAT04	Practical-I	0-8-0	120	4	25	25	50	50	100
DSC	P2S01NCMAT05	Practical-II	0-8-0	120	4	25	25	50	50	100
DSC	P2S01NCMAT06	Materials Testing and Analysis-I	2-0-1	60	2	10	15	25	25	50
				660	22	135	140	275	275	550

DSC: Discipline Specific Core **DSE:** Discipline Specific Elective **L:** Lecture **P:** Practical **T:** Tutorial

FA: Formative Assessment **SA:** Summative Assessment