



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.(Physics)]

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	P2S01NCPHY01	Mathematical physics and Quantum mechanics	4-0-0	120	4	25	25	50	50	100
DSC	P2S01NCPHY02	Classical and Statistical mechanics	4-0-0	120	4	25	25	50	50	100
DSC	P2S01NCPHY03	Solid State Physics and Solid State Electronics	4-0-0	120	4	25	25	50	50	100
DSC	P2S01NCPHY04	Practical – I	0-8-0	120	4	25	25	50	50	100
DSC	P2S01NCPHY05	Practical – II	0-8-0	120	4	25	25	50	50	100
DSC	P2S01NCPHY06	Computational techniques for Physics	1-2-0	60	2	15	10	25	25	50
				660	22	140	135	275	275	550

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

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