



# 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 Applied Statistics and Predictive Data Science

### Semester-II

Course Type	Course Code	Course Title	Teaching-Learning Scheme		Credits /hour/ week	Assessment Scheme & Marks				
			L-P-T	Total Notional Hours		Internal Assessment			External Assessment	Total Marks
						FA	SA	Total		
DSC	P2S02NCASP01	Regression Modelling	4-0-0	120	4/4	25	25	50	50	100
DSC	P2S02NCASP02	Market Research	4-0-0	120	4/4	25	25	50	50	100
DSE (Any one)	P2S02NEASP01	Time Series Analysis	4-0-0	120	4/4	25	25	50	50	100
	P2S02NEASP02	Directional Statistics						50		
	P2S02NEASP03	Clinical Trials						50		
DSC	P2S02NCASP03	Bayesian Statistics and Probabilistic Programming	0-4-0	120	4/8	25	25	50	50	100
DSC	P2S02NCASP04	Natural Language Processing and Text Analytics	0-4-0	120	4/8	25	25	50	50	100
DSC	P2S02NCASP05	Google Data Analytics	1-1-0	60	2/3	25	25	25	-	50
				<b>660</b>	<b>22</b>			<b>300</b>	<b>250</b>	<b>550</b>

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

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