

C P Patel & F H Shah Commerce (Autonomous) College, Anand
PROGRAMME STRUCTURE

Master of Science

M.Sc. Data Science

Semester: 4

(Syllabus with effect from the Academic Year June 2025)

Course Objectives - For M.Sc. Data Science Semester-IV Programme	<p>After successful completion of this course, the student will be able to:</p> <ol style="list-style-type: none"> 1. The primary objective of the M.Sc. in Data Science program is to develop skilled professional workforce that is prepared to address the increasing needs in the rapidly expanding area of big data analytics. 2. The program aims to provide skills in quantitative data analysis, data mining, data modeling and prediction, data storage and management, machine learning, big data processing, data visualization, multimedia big data, programming and communication skills. Get familiarity with aspects of Business Environment. 3. Value Added Course/ training and a large number of practical case studies have been integrated in the program to boost the learner confidence and market acceptability.
Programme Specific Outcome (PSO) - For M.Sc. Data Science Semester - 4	<p>After successful completion of this semester, the student will be able to:</p> <ol style="list-style-type: none"> 1. Implement professional knowledge in setting up road map to be an entrepreneur and identify research areas. 2. Ability to develop skills to address and solve social and environmental problem with ethics and perform multidisciplinary projects with advance technologies and tools. 3. Data Science Post Graduates are able to become leaders in the society with the help of advanced knowledge and skill, which can empower them to analyses, design, develop and implement their learning to develop the society.

Course Type	Course Code	Course Title	T/P	Credit	Exam Duration Hours	Component of Marks		
						Internal	External	Total
Practical Ability	PG04PMDS01	Data Science Project Work	P	25	--	--	600/240	600/240
		Total		25		--	600/240	600/240