



**PROGRAMME STRUCTURE**  
**Master of Science in Statistics**  
**MSc (QPM) Semester: IV**

Programme Outcome (PO) - For MSc <b>QPM</b> Programme	<p>Master of Science program provides extended theoretical and practical knowledge of different science subjects. Master of Science programme at Sardar Patel University is designed keeping the overall back ground preparation in mind for the student to either seek a job or to become an entrepreneur. The students, after completion of Bachelor of Science can select the master's programme in the subject they have had at the final year or in a related discipline (depending upon eligibility criteria prescribed by university).</p> <p><b>Programme outcomes: At the end of the program, the students will be able to</b></p> <ol style="list-style-type: none"> <li>1. Have a deep understanding of both the theoretical and practical concepts in the respective subject.</li> <li>2. Understand laboratory processes and use scientific equipments and work independently.</li> <li>3. Develop research temperament as a consequence of their theory and practical learning.</li> <li>4. Communicate scientific information in oral and written form.</li> <li>5. Understand the issues related to nature and environmental contexts and think rationally for sustainable development.</li> <li>6. The students are able to handle unexpected situations by critically analyzing the problem.</li> </ol>
Programme Specific Outcome (PSO) - For MSc <b>QPM</b> Semester	<ol style="list-style-type: none"> <li>1.</li> <li>2.</li> <li>...</li> </ol>

To Pass	At least 40% Marks in the University Examination in each paper and 40% Marks in the aggregate of University and Internal examination in each course of Theory, Practical & 40% Marks in Viva-voce.
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**SARDAR PATEL UNIVERSITY**  
**Vallabh Vidyanagar, Gujarat**  
**(Reaccredited with 'A' Grade by NAAC (CGPA 3.25))**  
**Syllabus with effect from the Academic Year 2022-2023**

Course Type	Course Code	Name Of Course	Theory/ Practical	Credit	Exam Duration in hrs	Component of Marks		
						Internal	External	Total
						Total	Total	Total
Core Course	PS04CQPM51	Project Work	P	16	=	=	=	=
	PS04CQPM52	Project Viva-Voce	P	9	=	=	=	=





**MASTER OF SCIENCE IN QUALITY AND PRODUCTIVITY MANAGEMENT**  
**M.Sc. QPM, Semester – IV**

Course Code	PS04CQPM51	Title of the Course	PROJECT WORK
Total Credits of the Course	16	Hours per Week	06 per Student

Course Objectives:	To get exposure of Applications of Statistical Methodology in Business and Industries.
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Course Content		
Unit	Description	Weightage* (%)
1.	The students are supposed to undertake one semester full- time project work in the field to learn practical aspects of the theory. For this purpose, they are supposed approach the industries and choose problems related to the quality/productivity/market research and complete the project in the stipulated time limit by providing satisfactory solutions to the problem.	400

Teaching-Learning Methodology	
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Evaluation Pattern		
Sr. No.	Details of the Evaluation	Weightage
1.	Internal Project Presentation	30%
2.	Project Presentation	70%





Course Outcomes: Having completed this course, the learner will be able to

1.	
2.	
3.	
...	

Suggested References:

Sr. No.	References
1.	
2.	
...	

On-line resources to be used if available as reference material

On-line Resources


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MASTER OF SCIENCE IN QUALITY AND PRODUCTIVITY MANAGEMENT  
M.Sc. QPM, Semester – IV

Course Code	PS04CQPM52	Title of the Course	PROJECT VIVA-VOCE
Total Credits of the Course	09	Hours per Week	01 per student

Course Objectives:	
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Course Content		
Unit	Description	Weightage* (%)
1.	Writing Project Report and Project Presentation through PPT	250

Teaching-Learning Methodology	
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Evaluation Pattern		
Sr. No.	Details of the Evaluation	Weightage
1.		
2.		
3.		

Course Outcomes: Having completed this course, the learner will be able to	
1.	
2.	
3.	
...	





Suggested References:

Sr. No.	References
1.	
2.	
...	

On-line resources to be used if available as reference material

On-line Resources

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