



PROGRAMME STRUCTURE
Master of Pharmacy in Pharmaceutical Quality Assurance
M. Pharm (Pharmaceutical Quality Assurance) Semester: IV

<p>Programme Outcome (PO) - For M. Pharm (PQA) Programme</p>	<p>At the end of Master of Pharmacy (M. Pharm) program, the students will be able to:</p> <ol style="list-style-type: none">1. Acquire knowledge and comprehension of the advancements in the core and specialization area of pharmacy.2. Demonstrate a degree of expertise in laboratory practices, analytical techniques and scientific tools.3. Independently carry out research/investigation and development work to solve problem.4. Write and present a substantial scientific document and technical report.5. Apply reasoning by contextual knowledge to assess societal impact, environmental impact, health, safety and legal issues and the consequent responsibilities relevant to the pharmacy profession.
<p>Programme Specific Outcome (PSO) - For M. Pharm (PQA) Semester - IV</p>	<p>After completion of the program students are able to:</p> <ol style="list-style-type: none">1. Understand the Quality Assurance, Total Quality Management, and Quality Management concepts, Hazard Management system and technology transfer system.2. Adopt GMP, Schedule M, ISO 9000 and 14000 standards, NABL accreditation, ICH, USFDA, WHO and other regulatory guidelines and common requirement for product registration and product development.3. Dealing with different quality concept and use modern pharmaceutical tools, software and equipment to analyze & solve problems with the help of GLP, GCP, QbD, PAT and their documentation.4. Doing various pharmaceutical product development interaction such as calibration, validation, product complain and recall, corrective and preventive action, documentation and their regulatory requirement.5. Dealing with various advanced instrumental techniques for identification, characterization, and quantification of drugs and pharmaceuticals.6. To generate validation protocol for all pharmaceutical operations starting from drug research to development to formulation.





SARDAR PATEL UNIVERSITY
Vallabh Vidyanagar, Gujarat
(Reaccredited with 'A' Grade by NAAC (CGPA 3.25))
Syllabus with effect from the Academic Year 2022-2023

PROGRAMME STRUCTURE
Master of Pharmacy in Pharmaceutical Quality Assurance
M. Pharm (Pharmaceutical Quality Assurance) Semester: IV

To Pass	At least 50% Marks in the University Examination in each paper and 50% Marks in the aggregate of University and Internal examination in each course of Theory, Practical & Research work..							
	Course Code	Name of Course	Theory/ Practical	Credit	Exam Duration in hrs	Component of Marks		
Internal						External	Total	
Employability, Skill development	PP04AMQA01	Journal club	J	1	-	25	-	25/13
Employability, Skill development	PP04CMQA01	Discussion / Presentation	D	3	-	75	-	75/38
Employability, Skill development	PP04CMQA02	Research work and Colloquium	R	16	1	-	400	400/200
Total:				20	-	100	400	500/250

