

SWARNIM STARTUP & INNOVATION UNIVERSITY

SWARNIM SCIENCE COLLEGE

VALUE ADDED COURSE (VAC)

Comprehensive Project Management Course - VACPM

Duration: 30 Hours (15 Sessions, 2 Hours Each)

Session	Topic	Content	Duration
Session 1	Introduction to Project Management	Overview of Project Management, Key Concepts, Importance, Project Life Cycle	2 hours
Session 2	Project Initiation and Planning	Defining Project Scope, Objectives, Stakeholder Analysis, Project Charter, Project Planning	2 hours
Session 3	Work Breakdown Structure (WBS)	Creating WBS, Defining Deliverables, Decomposition, Assigning Responsibilities	2 hours
Session 4	Project Scheduling and Time Management	Developing a Project Schedule, Gantt Charts, Critical Path Method, Time Estimation Techniques	2 hours
Session 5	Resource Management	Resource Allocation, Resource Planning, Managing Human and Physical Resources	2 hours
Session 6	Cost Management and Budgeting	Estimating Costs, Budgeting, Cost Control, Financial Reporting	2 hours
Session 7	Risk Management	Identifying Risks, Risk Assessment, Risk Mitigation Strategies, Developing Risk Management Plans	2 hours
Session 8	Quality Management	Quality Planning, Quality Assurance, Quality Control, Standards and Metrics	2 hours
Session 9	Project Execution and Monitoring	Implementing Project Plans, Monitoring Progress, Performance Measurement, Reporting	2 hours
Session 10	Change Management	Managing Project Changes, Change Control Process, Impact Assessment, Communication Strategies	2 hours
Session 11	Stakeholder Management	Identifying Stakeholders, Engaging Stakeholders, Managing Expectations, Conflict Resolution	2 hours
Session 12	Project Closure and Evaluation	Closing Projects, Deliverable Handover, Project Review, Lessons Learned	2 hours



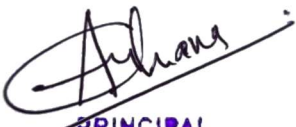
PRINCIPAL
SWARNIM SCIENCE COLLEGE
SWARNIM STARTUP & INNOVATION UNIVERSITY
BHOYAN RATHOD, KALOL, GANDHINAGAR.

Session 13	Agile Project Management	Overview of Agile Methodology, Scrum Framework, Agile Practices, Implementing Agile	2 hours
Session 14	Project Management Tools and Software	Overview of Tools (e.g., MS Project, Asana, Trello), Tool Selection, Effective Use of Software	2 hours
Session 15	Ethical and Legal Considerations in Project Management	Understanding Ethical Issues, Legal Compliance, Intellectual Property, Contracts and Agreements	2 hours

Assessments

- **Participation:** Active participation in discussions, interactive sessions, and group activities.




 PRINCIPAL
 SWARNIM SCIENCE COLLEGE
 SWARNIM STARTUP & INNOVATION UNIVERSITY
 BHOYAN RATHOD, KALOL, GANDHINAGAR.