

OMT-454: Project Management

Credit Hours: 3-0

Pre-requisites: None

Course Objectives

To provide understanding of the principles and techniques of project management.

Course Contents

- i. Concepts of project management
- ii. project initiation, methodologies
- iii. project proposal process
- iv. project proposal document, milestones and deliverables
- v. different kinds of projects and stakeholders, objectives
- vi. project plan and project approach
- vii. staffing plan, quality plan, deployment plan
- viii. organizational plan, monitoring and reporting processes
- ix. Decision Support System (DSS)
- x. Project schedule, project development
- xi. managing obstacles and risks
- xii. managing communication
- xiii. integration and testing
- xiv. project closure
- xv. case studies.

Course Outcomes

After completing this course, students should know how to manage a project in industry.

Recommended Books

- Colleen Gorton and Erika McCulloch, Fundamentals of Technology Project Management, 2004, MC Press.
- Harold, Cerner, Project Management: A systematic approach to Planning, Scheduling and Controlling, 9th Edition, 2006 John Wiley and Sons.