Course Code	Course Name	Teaching Scheme (Contact Hours)			Credits Assigned			
		Theory	Pract.	Tut.	Theory	Tut.	Pr/ Oral.	Total
ILON6011	Project Management	3	-	-	3	-	-	3

Course Code	Course Name	Examination Scheme								
		Theory						TW	Pr/ Oral.	Total
		Internal Assessment				End Sem Exam	Exam. Duration (in Hrs)			
		Test 1	Test 2	Avg.	Mid Sem Exam					
ILON6011	Project Management	20	20	20	20	60	2	-	-	100

Course Prerequisite

1. None

Course Objectives

1. To familiarize the students with the use of a Project Management techniques and tools used in various industry sectors for achieving success in projects.
2. To understand and be able to apply processes and techniques throughout thelife cycle of a project from initiation to closure.

Course Outcomes After successful completion of the course student will be able to …

1. Understand what are projects and what is the importance of management and the project manager.
2. Analyse and initiate projects based on numeric and non-numeric criteria. Design a project proposal and build project teams.
3. Analyze the effect of different organizational structures on the execution of projects. Perform Project estimation and budgeting. Understand role of project management office.
4. Perform project planning activities including risk planning, scheduling, team building and resource allocation.
5. Perform project control activities like monitoring & control, auditing, reporting, tracking, risk mitigation & control.

6. Perform proper closure of different types of projects. Apply the techniques learned inthe course in the execution of real-life projects.

Module	Detailed Content	Hours
1	Project Management Fundamentals: Definition of a project, Necessityof project management, Triple constraints, Project life cycles, Project phases, Qualities of project manager, Role of project manager.Leadership and Ethics, Project management in various organizationstructures.	06
2	Project Initiation: How to get a project started? Selecting project strategically, Project selection models (Numeric /Scoring Models and Non-numeric models), Project portfolio process, Project sponsor and creating charter; Project proposal. Effective project team, Stages of team development & growth, Conflicts and Negotiations.	06
3	Project Budgeting and Estimation: Project Plan, Work Breakdown structure (WBS) and linear responsibility chart, Interface Co-ordination, Project cost estimation and budgeting, Top down and bottoms up budgeting. Work element costing	06
4	Project Planning and Management: Project Scheduling, GANTT Chart, Networking and Scheduling techniques. PERT and CPM. Crashing project time, Resource loading and leveling, Goldratt's critical chain, Project Stakeholders and Communication plan. Risk Management in projects: Risk management planning, Risk identification and risk register. Qualitative and quantitative risk assessment, Project procurement management. Change Management	09
5	Project Monitoring and Control: Planning monitoring and controlling cycle. Information needs and reporting, engaging with all stakeholders of the projects. Team management, communication and project meetings. Earned Value management techniques for measuring value of work completed. Using milestones for measurement change requests and scope creep. Project audits.	06
6	Project Closure: Customer acceptance. Reasons of project termination, Various types of project terminations, Process of project termination. Completing a final report, doing a lessons learned analysis, acknowledging successes and failures. Project management templates and other resources. Case studies of successful and failed projects.	06
	Total	**39**

Text books:

1. Jack Meredith & Samuel Mantel, Project Management: A managerial approach,WileyIndia, 10th Ed.

2. A Guide to the Project Management Body of Knowledge (PMBOK® Guide), 6th ed.,Project Management Institute PA, USA.

Reference Books:

1. Harold Kerzner, Project Management: A Systems Approach to Planning, Scheduling,and Controlling, 12th Ed, Wiley

Evaluation Scheme:

1. **In-Semester Assessment:**
   a. Assessment consists of two Internal Assessments (IA1, IA2) out of which; oneshould be compulsory class test (on minimum 02 Modules) and the other is a class test / assignment on case studies / course project.
   b. Mid Semester Examination (MSE) will be based on 40-50% of the syllabus.

2. **End-Semester Examination:**
   - Question paper will comprise of full syllabus.
   - In the question paper, weightage of marks will be proportional to the totalnumber of lecture hours as mentioned in the syllabus.