Sardar Patel Institute of Technology

Bhavan's Campus, Munshi Nagar, Andheri (West), Mumbai-400058-India
(Autonomous Institute Affiliated to University of Mumbai)

Course Code	Course Name	Teaching Scheme (Hrs/week)			Credits Assigned			
		L	T	P	L	T	P	Total
ILE911	Project Management	3	--	--	3	--	--	3
		Examination Scheme						
		ISE	MSE	ESE				
		10	30	100 (60% Weightage)				

Pre-requisite Course Codes	
At the end of successful completion of the course, students will be able to	

	CO1	Manage the selection and initiation of individual projects in the enterprise.
	CO2	Conduct project planning activities that accurately forecast project costs, timelines, and quality.
Course Outcomes	CO3	Implement processes for successful resource, communication, and risk and change management
	CO4	Demonstrate effective project execution and control techniques that result in successful projects
	CO5	Conduct project closure activities and obtain formal project acceptance
	CO6	Demonstrate Team work and team spirit and how to overcome the conflicts

Module No.	Unit No.	Topics	Ref.	Hrs.
1	1.1	Project Life cycle	1	8
	1.2	Project selection criteria, Risk considerations in selection	1	
	1.3	Project bid, RFP	1	
	1.4	Managing conflicts and the Art of negotiation	1, 3	
2	2.1	Project plan –WBS	1, 2	8
	2.2	Project activity and risk planning	1, 2	
	2.3	RACI Matrix and Agile projects	1	
	2.4	Budgeting , Estimating cost and Risk	1	
3	3.1	Scheduling- Network Diagrams	1, 2	10
	3.2	CPM- crashing a project	1, 2	
	3.3	Resource loading and leveling	1, 2	
	3.4	Constrained resource scheduling	1, 2	
4	4.1	Monitoring and controlling cycle	1, 3	10
	4.2	Earned value analysis	1, 3	
	4.3	Control of Change and scope creep	1, 3	
5	5.1	Project procurement management, outsourcing	3	6
	5.2	Project Auditing	1	
	5.3	Project termination process	1	

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	Total	42

References:

[1] Jack Meredith and S. J. Mantel, "*Project Management*", Wiley, 8th Edition.

[2] John M. Nicholas, "*Project Management-Business and Technology* ", PHI, 2nd edition

[3] Jack T. Marchewka,"*Information Technology Project Management", Wiley*, 4th Edition.