

Course title: Project Planning and Management				
Course code: BSI 156	No. of credits: 2	L-T-P distribution: 20-08-0	Learning hours: 28	
Pre-requisite course code and title (if any):				
Department: Department of Business Sustainability				
Course coordinator (s): Dr. Kaushik R Bandyopadhyay			Course instructor (s): Dr. Gireesh Tripathy	
Contact details: gireeshctripathi@gmail.com				
Course type	Core	Course offered in: Semester 1		
Course description The objective of this course is to make the students familiar with the entire life cycle of projects; Planning, Execution and Operation. This would help students prepare themselves for the working in various projects right from conceptualization to delivery. It would help optimize usage of country's resources on various projects; especially in infrastructure domain.				
Course objectives				
<ul style="list-style-type: none"> ▪ To develop skills for project scheduling; ▪ To develop skills for proper execution and monitoring of projects. 				
Course content				
Module	Topic	L	T	P
1.	Introduction: Definition of projects, Concept of Project Life Cycle: Application in real life, Need for Planning	2	0	0
2.	Planning Stage: Planning needs of different projects, Objectives, Idea generation to fulfill these objectives, Scoping the boundaries,	2	0	0
3.	Stakeholder Management: Project owners, regulators, executors, line-managers, suppliers, financiers/lenders, users and Project Affected People, Role of each stakeholder and interactions amongst them; Contracts and their importance for such interactions.	3	3	0
4.	Work Breakdown Structure, Project costing, and budgeting, scheduling, selection of stakeholders, structuring, assigning and managing them to plan for smooth execution of projects.	2	0	0
5.	Execution Stage: Sequencing activities and mobilizing relevant stakeholders, Project management consultants, Bringing all the stakeholders together, contracting and awarding work packages. Resource management	2	0	0
6.	Execution and control–Network techniques, CPM v/s PERT, Project performance appraisal, Monitoring and controlling; Variance Analysis; Earned Value Analysis including schedule project and corrective actions. Time over-run issues and associated penalties/rewards	3	3	0
7.	Cost, Quality and Dispute Control mechanism, Arbitration and legal recourse, Quality management system, Activity based costing etc. Cost over-run and necessary control mechanism	2	2	0
8.	Operation Stage: Project completion audit. Objectives: targeted v/s achieved. Learning for future projects.	2	0	0
9.	Application of technology enablers i.e. ERP, use of project planning, management and evaluation softwares	2	0	0
	Total	20	8	0
Evaluation criteria				
<ul style="list-style-type: none"> ▪ Minor test 25% ▪ Class participation 15% (Including Surprise Quizzes) ▪ Presentation 20% (Case/term paper including submitting the hard as well soft copy) ▪ Major exam 40% 				
Materials				
Suggested readings				

<ol style="list-style-type: none"> 1. Prasanna Chandra (2011). Projects: Planning, Analysis, Selection, Financing, Implementation and Review, Tata McGraw Hill 2. Lewis, James (2002). Fundamentals of Project Management, 2nd ed., American Management Association. ISBN 0-8144-7132-3. 3. Project Management Institute (2003). A Guide to the Project Management Body of Knowledge (PMBOK), 3rd ed., Project Management Institute. ISBN 1-930699-45-X. 4. Berkun, Scott (2005). Art of Project Management. Cambridge, MA: O'Reilly Media. ISBN 0-596-00786-8. 5. Comminos D &, Frigenti E (2002). The Practice of Project Management - a guide to the business-focused approach. Kogan Page. ISBN 0-7494-3694-8 6. Finnerty (2012). Project Financing, John Wiley and Sons 7. Meredith, Jack R. and Mantel, Samuel J. (2002). Project Management: A Managerial Approach, 5th ed., Wiley. ISBN 0-471-07323-7. <p>Journals</p> <ol style="list-style-type: none"> 1. Project Management Journal 2. International Journal of Project Management
Additional information (if any)
Student responsibilities Attendance, feedback, discipline, guest faculty etc.

Course reviewers:

1. Mr. S C Gupta, Former CEO, Reliance Infrastructure Limited
2. Prof. V.M. Mathur, FORE Professor, Lal Bahadur Shastri Institute of Management