

NATIONAL INSTITUTE OF TECHNOLOGY, TIRUCHIRAPPALLI

COURSE OUTLINE TEMPLATE			
Course Title	PROJECT MANAGEMENT		
Course Code	PR 672	No. of Credits	3
Department	Production Engineering	Faculty	Dr.S.Prasanna Venkatesan
Pre-requisites Course Code	--		
Course Coordinator(s) (if, applicable)	--		
Other Course Teacher(s)/Tutor(s) E-mail	prasanna@nitt.edu	Telephone No.	0431-2503514
Course Type	<input type="checkbox"/> Core course <input checked="" type="checkbox"/> Elective course		
COURSE OVERVIEW			
<p>Project Management deals with the methods and techniques that helps in effective planning and execution of tasks or a group of tasks from the concept to successful commissioning with in a predetermined cost and time.</p>			
COURSE OBJECTIVES			
<ol style="list-style-type: none"> 1. To enable the students to understand the methods for project identification and appraisal. 2. To plan and schedule a project with resource and environmental constraints. 3. To develop quantitative methods for project selection, risk assessment, monitoring and control. 			
Course Outcomes	Aligned Programme Outcomes (PO)		
<ol style="list-style-type: none"> 1. Understand the process and approaches for executing projects 2. Develop and analyze quantitative models for project selection and scheduling 3. Apply engineering and management principles to manage real time projects considering constraints 	PO 3, PO 5, PO6 and PO 7		

COURSE TEACHING AND LEARNING ACTIVITIES				
S.No.	Week	Topic	Mode of Delivery	
1	1	Project Management: An Overview, Types, Characteristics of Projects,	Chalk and talk	
	2	Project life cycle, Identification of investment opportunities - Screening and Selection, Project Appraisal,	Chalk and talk, tutorial	
	3	Market appraisal, market survey	Chalk and talk	
	4	Demand forecasting methods	Chalk and talk/model solving using software	
	5	Demand forecasting methods, Technical appraisal	Chalk and talk/model solving using software	
2	Test I			
	6	Financial analysis- cash flows for project appraisal	Chalk and talk	
	7	Investment evaluation using capital budgeting techniques, NPV, IRR	Chalk and talk	
	8	PBP, ARR, Quantitative models for project selection	Chalk and talk	
	9	Network techniques for project management, crashing	Chalk and talk	
	10	--Do--	Solving models using software/lab	
3	Test II			
4	11	Project implementation, risk management	PPT	
5	12	Work break down structure,	PPT	
6	13	Performance measures, softwares	PPT	
7	End semester			
Mode of Assessment				
S.No.	Mode of Assessment	Week/Date	Duration	% Weightage
1	Test 1	End of 5 week	1hr	20
2	Test 2	End of 10 week	1hr	20
3	Assignment/Objective test	End of week 12	30 min	10
4	End semester	End of week 13	3hr	50
ESSENTIAL READINGS : Textbooks, reference books Website addresses, journals, etc				

S.Choudry "Project Management", ", Tata McGraw Hill,27th Ed, 2006

Prasanna Chandra, "Projects – Planning, Analysis, Financing, Implementation and Review", Tata McGraw Hill,4th Ed, 1997

Mike Field and Laurie Keller, "Project Management", Thompson Business press, 2002

Gido and Clements, "Successful project management", 2nd edition; Thompson south-western, 2003

John M Nicholas, "Project Management for business and technology", 2nd edition, Pearson Education Asia, 2001

<http://nptel.ac.in/courses/110104073/>

COURSE EXIT SURVEY (mention the ways in which the feedback about the course is assessed and indicate the attainment also)

Course Exit survey will be collected at the end of the semester before the start of semester examination through online. Students can log in their MIS account to give the feedback. Mid-semester anonymous feedback shall be collected to improve the teaching-learning process. Apart from this, students can share feedback during class committee meetings.

COURSE POLICY (including plagiarism, academic honesty, attendance, etc.)

Attending classes regularly and continuously is required for the students to understand the concepts.

Participation in the discussions is mandatory during the tutorial classes.

If any student is not able to attend any of the continuous assessments (1 and 2) due to genuine reason, student is permitted to attend a retest with 20% weightage. A candidate may appear for retest only once. Attending the end semester is a must.

ADDITIONAL COURSE INFORMATION

eg.: The Course faculty is available for consultation based on prior appointment to his email at - prasanna@nitt.edu

FOR SENATE'S CONSIDERATION

Course Faculty



CC-Chairperson



HOD

