

ME415 Project Management										
L	T	P	Credit	Area		CWS	PRS	MTE	ETE	PRE
3	0/1	2/0	4	DEC/GEC		15/25	25	20/25	40/50	-

**Objectives:** To enable the students to understand the basics of project management, project resource requirement, types of resources. To understand the concepts of project monitoring and post project reviews.

Syllabus		Contact Hours
<b>Unit-1</b>	<b>Introduction</b> Definitions, classifications, and scope of project management; project life cycle and uncertainty.	<b>6</b>
<b>Unit-2</b>	<b>Project planning</b> Scope, problem statement, project goals, objectives, success criteria, assumptions, risks, obstacles, approval process, projects and strategic planning.	<b>8</b>
<b>Unit-3</b>	<b>Project implementation</b> Project resource requirement, types of resources: men, materials, finance, resource distribution.	<b>8</b>
<b>Unit-4</b>	<b>Project monitoring</b> Evaluation, control, project network technique, planning for monitoring and evaluation, project audits, project management information system, Nature of project inventory, supply and transportation of materials, use of Material Requirement Planning. Project scheduling, PERT & CPM, project communication.	<b>6</b>
<b>Unit-5</b>	<b>Project team management</b> Recruitment, organizing, human resources: team operating rules, project organization, various forms of project organizations, project organization charting, project contracts, principles, compilation of contracts, practical aspects, legal aspects, global tender, negotiations, insurance.	<b>8</b>
<b>Unit-6</b>	<b>Project completion</b> Closing the project, types of project termination, strategic implications, project in trouble, termination strategies, evaluation of termination possibilities, termination procedures, post project reviews.	<b>6</b>
		<b>42</b>

Reference Book:	
1	Beenet P Lientz, Kathryn P rea, Project Management for 21st Century, - Academic Press, ISBN 12449983X, 2001.
2	Project Management –Dennis Lock, Gower Publishing Ltd; 9th Revised edition edition; ISBN 0566087693, 2007
3	David I Cleland, Project management, Mcgraw Hill International Edition, ISBN 0442221142,1988.
4	Gopalakrishnan, Project Management, Mcmillan India Ltd, ISBN 0333926218,1993

## Course Outcomes

CO1	Ability to understand the basics of project management
CO2	Identification and formulation of various problems in project management
CO3	Selection of appropriate process/tool/techniques in project management
CO4	Application of knowledge in relevance to professional practice
CO5	Lifelong learning in technological world
CO6	Understand the concepts of demand forecasting and project management with relevant case studies.

## CO-PO/PSO Matrix

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	2	1	2	2	2	3	1	2	1	2	1	2	2	2	2
CO2	3	2	2	2	1	1	2	3	2	1	2	2	3	2	2
CO3	2	3	2	3	2	1	2	1	2	1	2	1	2	2	3
CO4	2	2	1	3	3	2	1	2	1	2	3	2	3	2	3
CO5	1	2	3	1	2	3	3	1	3	3	3	3	3	3	3
CO6	2	2	1	3	3	2	1	2	1	2	3	2	3	2	3