

**Project Management**  
B.E. Sem. VIII [MECH/AUTO]

(Elective – II)

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**EVALUATION SYSTEM**

	<b>Time</b>	<b>Marks</b>
<b>Theory Exam</b>	3 Hrs.	100
<b>Practical Exam</b>	–	–
<b>Oral Exam</b>	–	25
<b>Term Work</b>	–	25

**SYLLABUS**

1. Projects in Contemporary Organization, project initiation, Strategic Management and Project Selection, The Project Manager, Project Organization, Project Planning, Conflict and Negotiation., project implementation, Budgeting and Cost Estimation., Scheduling, Resource Allocation, Monitoring and Information Systems, Project Control, Project termination, Project Auditing, Project Termination
2. Project risk – scope  
Project management – definitions – overview – project plan – management principles applied to project management – project management life cycles and uncertainty
3. Project planning – scope – problem statement – project goals – objectives – success criteria – assumptions – risks – obstacles – approval process – projects and strategic planning
4. Project implementation – project resource requirements – types of resources – men – materials – finance  
Project monitoring – evaluation – control – project network technique – planning for monitoring and evaluation – project audits – project management information system
5. Project scheduling – PERT & CPM – Project inventory management – nature of project inventory – supply and transportation of materials. project communication – post project reviews  
Project team management – recruitment – organizing – human resources – team operating rules – project organization – various forms of project organizations, project organization charting
6. project contracts – principles – compilation of contracts – practical aspects – legal aspects – global tender, negotiations – insurance , Closing the project – types of project termination – strategic implications project in trouble, termination strategies, evaluation of termination possibilities – termination procedures

**Reference Books :**

1. Project Management 6<sup>th</sup> edition (*Jack Meredith*) wileyIndia
2. Project Management– for 21<sup>st</sup> Century (*Beenet P Lientz, Kathyn Prea*) Academic Press, 1995
3. Project Management (*Denislok*)
4. Project Management (*Gido Clements*) Cengage Learning
5. Project management (*David I Cleland*) McGrawHill International Edition, 1999
6. Project Management (*Gopalakrishnan*) Mcmillan India Ltd.
7. Project Management (*Harry-Maylor*) Peason Publication
8. Project Management (*Jeffrey Pinto*) Peason Publication
9. Contemporary Project Management (*Timothy Kloppenborg*) Cengage Learning.
10. Project Management Core text Book (*Gopalan*) Wiley India.

