

**Project Management**  
**HU801B**  
**Contracts: 2L**  
**Credits- 2**

1. Project Management Concepts: Concept and Characteristics of a Project, Importance of Project Management. [1]
2. Project Planning: Project Evaluation, Financial Sources, Feasibility Studies. [4]
3. Project Scheduling: Importance of Project Scheduling, Work Breakdown Structure and Organization Breakdown Structure, Scheduling Techniques - Gantt Chart and LOB, Network Analysis - CPM/PERT. [6]
4. Time Cost Trade-off Analysis - Optimum Project Duration. [2]
5. Resource Allocation and Leveling. [2]
6. Project Life Cycle. [2]
7. Project Cost - Capital & Operating Costs, Project Life Cycle Costing, Project Cost Reduction Methods. [2]
8. Project Quality Management: Concept of Project Quality, TQM in Projects, Project Audit. [1]
9. Software Project Characteristics and Management [2]
10. IT in Projects: Overview of types of Softwares for Projects, Major Features of Project Management Softwares like MS Project, Criterion for Software Selection. [2]

**References**

1. Gopalkrishnan P. and Rama Mmoorthy: Text Book of Project Management, Macmillan
2. Nicholas John M.: Project Management for Business and Technology - Principles and Practice, Prentice Hall India, 2<sup>nd</sup> Edn.
3. Levy Ferdinand K., Wiest Jerome D.: A Management Guide to PERT/CPM with GERT/PDM/DCPM and other networks, Prentice Hall India, 2<sup>nd</sup> Edn.
4. Mantel Jr., Meredith J. R., Shafer S. M., Sutton M. M., Gopalan M. R.: Project Management: Core Text Book, Wiley India, 1<sup>st</sup> Indian Edn.
5. Maylor H.: Project Management, Pearson, 3<sup>rd</sup> Edn.
6. Nagarajan K.: Project Management, New Age International Publishers, 5<sup>th</sup> Edn.
7. Kelkar. S.A, Sotware Project Management: A concise Study, 2<sup>nd</sup> Ed., PHI