

**SARDAR PATEL UNIVERSITY**  
**Programme: BCA**  
**Semester: V**  
**Syllabus with effect from: June-2013**

<b>Paper Code: US05EBCA02</b>	<b>Total Credit: 2</b>
<b>Title Of Paper: Software Project Management</b>	

Unit	Description in detail	Weighting (%)
I	<b>Introduction</b> Definition of the project Project specification and parameters Principles of Project management Project management life cycle	25%
II	<b>Software Project Planning</b> Project activities and Work Breakdown Structure (WBS) Criteria for completeness in the WBS Activity Resource Requirements and Cost Joint project planning session Project management plan	25%
III	<b>Project Economics and Risk Management</b> Project costing, empirical project estimation techniques, decomposition techniques, algorithmic methods, automated estimation tools Risk concepts and identification, risk assessment and control, risk components and drivers, risk tracking and monitoring, risk mitigation and management	25%
IV	<b>Project Scheduling and Tracking Techniques</b> Introduction to project scheduling and tracking Effort estimation techniques Task network and scheduling methods, monitoring and control progress Graphical reporting tools	25%

**Basic Text & Reference Books :-**

- John J. Rakos, “Software Project Management”, 1998, Prentice Hall.
- Walker Royce, “Software Project Management”, 2001, Pearson Education.
- Roger S. Pressman, “Software Engineering”, 2001, McGraw Hill.

**Books For Additional Reading :**

- Ian Sommerville, “Software Engineering”, 2004, Addison Wesley.

