

BS (4 Years) for Affiliated Colleges



Code	Subject Title	Cr. Hrs	Semester
IT-404	Project Management	3	VII
Year	Discipline		
4	Information Technology		

Objective:

This course will enable students to initiate software projects, perform project scheduling, plan the resources, carry out the staffing, track the progress, apply software metrics, manage and motivate the team, and manage the crisis situation. The following topics will be covered in the course: Introduction to Project Management, Project Phases and Project Life Cycle, Project Integration Management, Project Scope Management, Project Estimation, Size and Schedule Management, Activity Control, Schedule Development, Controlling Changes to the Project Schedule, Project Cost Management, Resource Planning, Cost Budgeting, Cost Control, Project Human Resource Management, Organizational Planning, Project Staff Acquisition, Team Development, Project Risk Management, Quantitative and Qualitative Risk Analysis, Current and Prevailing Practices, Software Configuration Management, Project Monitoring and Control, Project Quality Management, Software release Management, Process improvement frameworks.

Prerequisites

Software Engineering

Recommended Books:

- Kathy Schwable, IT Project Management, Course Technology; 3rd Bk&Cdr edition (July 2003), ISBN-10: 0619159847
- Robert K. Wysocki, Effective Project Management, Wiley; 2nd Bk&Cdr edition (March 2, 2000), ISBN-10: 0471360287
- Punkaj Jalote, Software Project Management, Addison-Wesley Professional; 1st edition (January 31, 2002), ISBN-10: 0201737213
- Roger S. Pressman, Software Engineering- A practitioner's approach, 5th Edition, ISBN 9780073019338
- Robert Futrell, Quality Software Project Management Prentice Hall PTR; 1st edition (2002), ISBN-10: 0130912972