

Course Title	Software Project Management
Course Code	EC-431
Credit Hours	3
Category	Technical Elective
Prerequisite	Software Engineering
Co-Requisite	None
Follow Up	None
Course Description	Introduction to Software Project Management, Project Management concepts, Project Management Tools, PMI's Knowledge areas, PMI Framework, PMI Process Groups. Understanding Organizations. Project Planning, Project Evaluation, Selection of an Appropriate Approach in Project, Software Effort Estimation, Activity Planning, Risk Management, Evaluating the Risks to the Schedule, Risk Control, Configuration Management and Maintenance, Environment for Configuration Control, Resource Allocation, Monitoring & Control, Review and Evaluation, Challenges of Outsourcing in Project Management
Text Book/s	Software Project Management, Bob Hughes and Mike Cotterell, McGraw-Hill Education; 5th Edition (2009).
Reference Material	A Guide to the Project Management Body of Knowledge, 5th Edition (PMBOK Guides), Mastering Software Project Management: Best Practices, Tools and Techniques, Murali K. Chemuturi and Thomas M. Cagley Jr., J. Ross Publishing, 2010 Effective Project Management: Traditional, Agile, Extreme, Robert K. Wysocki, Wiley; 6th Edition, 2011