Software Project Management

Code	Credit Hours
SE-430	3-0

Course Description

The Software Project Management (SPM) course encompasses the entire project life cycle, equipping students with essential techniques and tools for effective project management. This course provides valuable insights for aspiring project managers to navigate and successfully oversee projects. Topics include understanding the common pitfalls leading to software project failures, comprehending software attributes, exploring various software models, and mastering key aspects such as project planning, monitoring, time management, cost management, human resources management, quality management, and risk management.

Text Book:

1. A Guide to the Project Management Body of Knowledge (PMBOK),Project Management Institute. www.pmi.org . PMBOK® Guide (2017).
2. Information Technology Project Management: Kathy Schwalbe, 9th Edition, 2018.

Reference Book:

Quality Software Project Management: Robert T. Futrell, Donald Shafer, 2002, 1st Edition Prentice Hall.

Prerequisites

SE-200 (Software Engineering)

ASSESSMENT SYSTEM FOR THEORY

Quizzes	10%
Assignments	10%
Mid Terms	30%
ESE	40%
Project	10%

Teaching Plan

Week 1	Introduction to Project Management
	Project, Program and Portfolio Management

Week 2	Organizational Aspect of Project Management
	Project Management and Process Groups-1
Week 3	Project Management and Process Groups-2
Week 4	Project Integration Management
Week 5	Project Scope Management
Week 6	Project Time Management
Week 7	Project Time Management
Week 8	Project Cost Management-1
Week 9	**Mid-Semester Break**
Week 10	Project Cost Management-2
Week 11	Project Risk Management
Week 12	HR Management
Week 13	Procurement Management
Week 14	Stakeholder Management
Week 15	Communications Management
Week 16	Introduction to Jira
Week 17	Project Presentations
Week 18	**End Semester Break**