

3rd Semester, B. Voc.(IT)
Paper: (INT-VC-3026) Software Engineering

Course Outcomes:

Knowledge gained:

- Learn the phases of software development.
- Develop process models and process system models.
- Gather, understand, analyze and specify requirements .
- Elicit, analyze and model requirements.
- Schedule projects, identify risk strategies and manage risks.
- Understanding importance of Object Orientation in Software engineering .
- Understand the components of Unified Modeling Language .
- Develop architectural diagram, and implement by following coding principles.
- Estimate software scope feasibility and resources .
- Identify and apply SQA tasks, goals, and metrics.

Programme Specific Outcomes:-

Skills gained:

- To develop strategies to calculate risk factors involved in IT projects
- To use project management software to control the design, implementation, closure, and evaluation of IT projects
- To estimate, plan, calculate, and adjust project variables.
- To identify the impact of IT projects on the performance of the organizations
- To understand, manage and develop IT infrastructure in different projects

Competency developed:

- Apply project management practices to launch new programs, initiatives, products, services, and events relative to the needs of stakeholders.
- Apply Agile process model for Software Development
- Apply testing strategies and handle software product maintenance issues