

JAYA ENGINEERING COLLEGE-THIRUNINRAVUR
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
IT2403-SOFTWARE PROJECT MANAGEMENT

UNIT-1

1. Explain the various activities covered by software project management.
2. Give an outline of step wise planning activities for a project with neat diagram.
3. Diagrammatically explain the ISO 12207 SDLC activities.
4. List the Outline of stepwise project planning
5. Identify the data that you would collect to ensure that during execution of project things are going according to plan.

UNIT-2

1. Describe how cost- benefit evaluation techniques can be used to choose the best among competing project proposal.
2. Discuss the typical product life cycle cash flows in project development.
3. Explain how project can be evaluated against strategic, technical and economic criteria.
4. What is risk management? How the risks are evaluated in software projects?
5. Discuss cash flow forecasting.
6. What do you mean by cost benefit analysis? Explain the different categories of cost in detail.

UNIT-3

1. Explain the objectives of activity planning in detail.
2. Explain the different approaches of project activities.
3. What is project schedule? Explain the stages of project schedules.
4. Discuss the network model represented by the CPM network.
5. How to formulate a network model in projects?
6. Explain the categories of risk framework.
7. Briefly explain the risk planning and control in project development.
8. Define hazard. How are hazards identified and analyzed?
9. Describe with an example how the effect of risk on project schedule is evaluated using PERT.

UNIT-4

1. Explain in detail about creating the framework for monitoring & control.
2. What are the different types of visualizing progress explain in detail?
3. Explain how to get back the project to target.
4. Assessing the state of project.
5. Controlling changes to a project requirement.
6. Explain the managing contract under ISO 12207 approach.
7. Explain the different stages in contract placement.

UNIT-5

1. Explain the Oldham-hackman job characteristic model.
2. Explain in detail about decision making.
3. Explain how new staff can be selected and inducted into a project.
5. List the factors that are involved in making a team. Explain the characteristics.
6. Discuss in detail about the organizational structures and behaviour.
7. Explain the methods to increase staff motivation.
8. Write a note on leadership styles.
9. Write notes on stress handled in development process.
10. Give a brief note on health and safety issues.