

Experiment 7 :-

Aim: Create a project schedule using Gantt chart.

1. What is Project Scheduling :- It is the process of defining the sequence & duration of tasks activities required to complete a project. It involves creating a timeline that outlines a project. It involves creating a timeline that outlines when each task should start & finish there are explanation in points.

- i) Task Sequencing: Identify the order in which tasks should be performed to achieve project goals.
- ii) Duration Estimation: The time needed for each task.
- iii) Resource allocation: Assign necessary resources such as personnel, equipment, etc.
- iv) Dependencies: Determining task dependencies where one task must rely on another.
- v) Critical Path: Identifying the longest sequence of the tasks that determines the project duration.

- vi) Gantt Chart: Commonly used visual tools to represent project schedules task milestones etc.
- vii) Resource leveling: Balancing resource allocation to prevent overallocation.
- viii) Project Timeline: Creating a timeline that outlines project milestones & deadlines.
- ix) Monitoring & control: Cont. tracking progress adjusting schedule & managing changes.

