OBJECTIVES:

1. To find the optimal solution of an optimization problem

2. It graphically displays interdependent relationships between group's steps and tasks as they all impact a project.

Learning Outcomes: After learning this course, the student will be able:
1. To know the scope of Operations Research
2. To link the OR techniques with business environment and life sciences
3. To convert real life problems into mathematical models
4. To find a solution to the problem in different cases
5. To inculcate logical thinking to find a solution to the problem

List of Practicals

1. Solutions of Revised simplex method of standard form I

2. Solutions of Revised simplex method of standard form II

3. Solutions of general Integer programming problem

4. Geometrical interpretation of Gomory's cutting place method of IPP

5. Branch and Bound technique to solve IPP

6. Geometrical interpretation of Branch and Bound method of IPP