

Course Name:

Transportation Projects Evaluation

Course Number:

20595

Credit:

3

Course Content (outline):

1. Introduction: Overview of Some Decision-Making Issues in Transportation and Their Importance
2. Decision-Making Based on Choice's Characteristics
3. Roadway Network Design: Economic Goals
4. Roadway Network Design: Non-Economic Goals, Network Reliability
5. Exclusive Roadway Network Design
6. Air Transportation Planning
7. Water Transportation Planning
8. Roadway Maintenance and Repair Planning
9. Decision Making in Uncertain Situations
10. Impacts of Transportation on Environment