

# AMTS09 MASS TRANSPORTATION SYSTEMS

## UNIT-1 INTRODUCTION TO VARIOUS TYPES OF MASS TRANSPORTATION SYSTEMS

Need of mass transportation, recent trends in transit, mass transportation characteristics

## UNIT-2 URBAN MASS TRANSPORTATION PLANNING

Demand projection, selection of mass transportation system, Economic evaluation methods

## UNIT-3 TERMINALS AND THEIR FUNCTIONS

Conceptual design, typical requirement, scheduling, vehicle dispatch policy, spacing of stops, route spacing and performance

## UNIT-4 OPERATIONAL AND MANAGEMENT ISSUES IN TRANSIT PLANNING

Priority measures and their implementation

### Reference Book:

1. Principles & Practices of Traffic Engg.-L.R.Kadiyali 2013
2. Principles, Practice and design of Highway Engg.-S.K.Sharma 2010
3. Highway Engg.-Khanna S K & Justo C.E. G 2001
4. Metropolitan Transportation Planning- John W.Dickey Taylor & Francis Group 1983

