

# COURSE FLOW CHART FOR MTECH CIVIL ENGINEERING : TRANSPORTATION ENGINEERING

## SEMESTER 1

**Pavement Engineering**  
20MCT502T – 3 Credits

**Pavement Engineering Laboratory**  
20MCT502P – 2 Credits

**Traffic Engineering**  
20MCT501T – 3 Credits

**Transportation Planning**  
20MCT503T - 3 Credits

**Ground Improvement Techniques**  
20CE504T - 3 Credits

**Remote Sensing And GIS**  
20MEN506P - 3 Credits

**Advanced Numerical Techniques  
And Computer Programming**  
20MA503T – 4 Credits

**Advanced Numerical Techniques  
And Computer Programming  
Laboratory**  
20MA503P – 1 Credit

## SEMESTER 2

**Highway Construction Practices**  
20MCT507T – 3 Credits

**Railway, Airport And Harbor  
Engineering**  
20MCT506T – 4 Credits

**Urban Transportation and  
System Planning**  
20MCT504T – 3 Credits

**Pavement Management  
Systems**  
20MCT505T – 3 Credits

**Project Design Studio**  
20MCT508P – 1 Credits

**Successful Research  
Development Program**  
17CE527T – 2 Credits

**Intelligent Transport Systems**  
20MC509P – 3 Credits

**Design of Experiments**  
20MCT510P – 3 Credits

## SEMESTER 3

**Industrial Training Seminar**  
20MCT523P

**Seminar**  
20MCT521T - 5 Credits

**Project**  
20MT611 – 14 Credits

## SEMESTER 4

**Seminar**  
20MCT531T - 5 Credits

**Project**  
20MCT532P - 24 Credits

**Core from other disciplines**  
**Core subjects**  
**Departmental elective**