

Every Fall and Spring Semester
Admission Open

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CED
NED UNIVERSITY

Admission Fall 2024

ADMISSIONS

Masters of Engineering (M.Engg.)

Transportation Engineering

Programme Overview

ME Transportation Engineering started in Year **1979-80**, objective of this master program is to meet the need of the industry & transfer the adequate knowledge to the graduates about the transportation and its sub domains.

More than (No) students graduated from this program and working at national and international organizations.

Major Courses (compulsory)

- Urban Transportation Planning
- Geometric Design of Highways
- Advanced Traffic Engineering and Management
- Probability and Statistics
- Pavement Analysis & Design

Major Courses (Electives)

- Traffic Flow Theory
- Highway Materials & Construction
- Public Mass Transportation
- Airport Planning & Design
- Transportation Economics
- Waterway Transportation
- Transportation Systems Evaluation
- Railway Track Engineering

Potential Research Areas

- Intersection optimisation and signal design
- Traffic flow parameter speed, density and flow model validation
- Pavement asset management
- Performance evaluation of highway materials
- Geometric design optimization and traffic safety
- Feasibility and Mode shift analysis of BRT system
- Public transportation route network analysis
- Land use planning and mass transportation system
- Feasibility analysis of infrastructure projects

Specific Research Facilities

- Transportation Engineering Lab
- Advance Testing Facility of Rutting and Fatigue Behaviors
- Postgraduate Computer Center

For further details on programme and scheme of studies, scan the QR code.

Contact Information:

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