



**UNIVERSITY OF MORATUWA**  
**DEPARTMENT OF CIVIL ENGINEERING**  
*Post Graduate Degrees*

**M.Eng. in Highway & Traffic Engineering and MSc. in Transportation 2017/2018**

**ELIGIBILITY**

**M.Eng. Degree in Highway and Traffic Engineering**

1. B.Sc. Eng. degree of the university of Moratuwa, Sri Lanka in a relevant field as judged by the Faculty and approved by the Senate; or
2. Any other engineering degree in a relevant field equivalent to (1) above as judged by the Faculty and approved by the Senate; or
3. An equivalent professional qualification, with at least one year experience in a relevant field, after obtaining such qualifications, the recognition of the institute and the relevance of the field for this purpose shall be judged by Faculty & approved by the Senate;

**MSc. Degree in Transportation**

1. B.Sc. Eng. degree of the university of Moratuwa, Sri Lanka in a relevant field as judged by the Faculty and approved by the Senate; or
2. A special degree in a relevant field with one year appropriate experience, after obtaining such qualifications, the recognition of the institute & the relevance of the field for this purpose shall be judged by the Faculty & approved by the Senate; or
3. A general degree in a relevant field with two years, after obtaining such qualifications, the recognition of the institute and the relevance of the field for this purpose shall be judged by the Faculty and approved by the Senate; or
4. An equivalent professional qualification with at least two years' experience in a relevant field, after obtaining such qualifications the recognition of the institute and the relevance of the field for this purpose shall be judged by the Faculty and approved by the Senate;

**CURRICULUM**

**Common Subjects for Both Streams**

- Quantitative Methods for Transport Analysis • Systems and Operational Research Methods in Transport • Road Safety, Social & Environmental Evaluations Analysis • Project Management • Research Methods • MEng/MSc Dissertation • Traffic Management & Intelligent Transport Systems • Highway Planning & Management • Transport Project Planning and Appraisal • GIS and Geomatics in Transport Planning • Railway & Airport Infrastructure • Freight Transport & Logistics

**Core Subjects - M.Eng. in Highway & Traffic Engineering**

- Highway Construction & Maintenance Techniques • Traffic Engineering • Highway Infrastructure Design • Geotechniques and Pavement Analysis

**Core Subjects - M.Sc. in Transportation**

- Urban & Regional Transport Planning • Transport Demand Analysis • Public Transport Systems • Transport Economics

**DURATION:**

M.Eng./ MSc.- - 24 months (Part Time) or 15 month (Full Time) All lectures, assignments, seminars and field visits will normally be conducted on Fridays and Saturdays

**COURSE FEES:**

M.Eng./ MSc.- Rs. 250,000/=

**OTHER FEES:**

Registration fee : Rs. 1,500/=,  
Refundable deposit for library facilities Rs. 5,000/=  
Exam Fees Rs. 500/=

**APPLICATION:**

**For Further information and application forms:**

Contact; Course Assistant - TP: 2650567 - Ext. 2130

Email : [pg.courseassistant@gmail.com](mailto:pg.courseassistant@gmail.com) website ([www.civil.mrt.ac.lk](http://www.civil.mrt.ac.lk))

**Completed applications should be forwarded to :**

Course Coordinator,  
Transportation Engineering Division,  
Department of Civil Engineering, University of Moratuwa, Moratuwa.

**Closing Date for applications June 26<sup>th</sup> 2017**

Registrar,  
University of Moratuwa,  
Moratuwa.