

MSc(Eng) in Civil Engineering

Courses to be Offered in the Academic Year of 2026-27 (Tentative only)

Course Code	Course Title
CIVL6003	Advanced reinforced concrete structure design
CIVL6004	Advanced soil mechanics
CIVL6006	Advanced water and wastewater treatment
CIVL6007	Behavioural travel demand modelling
CIVL6009	Building planning and control
CIVL6013	Concrete technology
CIVL6014	Construction dispute resolution
CIVL6025	Environmental impact assessment of engineering projects
CIVL6026	Finite element method
CIVL6027	Foundation engineering
CIVL6037	Project management - human and organizational factors
CIVL6053	Wind engineering
CIVL6054	Engineering for transport systems
CIVL6058	Management of infrastructure megaprojects
CIVL6060	Operation and maintenance of building and civil engineering works
CIVL6061	Special topic in environmental engineering A
CIVL6063	Special topic in structural engineering A
CIVL6064	Special topic in structural engineering B
CIVL6077	Ground investigation and soil testing
CIVL6079	Slope engineering
CIVL6080	Fire engineering design of structures
CIVL6081	Recent advances in water and environmental engineering
CIVL7006	Optimization techniques for transportation applications
CIVL7007	Building information modelling (BIM): Theories, development and application
CIVL7009	Dissertation
CIVL7015	Durability design of concrete structures
CIVL7018	Data science for civil engineering
CIVL7019	Statistical methods for civil engineering
CIVL7020	Advanced prestressed concrete
CIVL7021	NEC contract management I
CIVL7022	Carbon neutral engineering
CIVL7028	NEC contract management II