

Academic Staff



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Foundation engineering,
Geoenvironmental Engineering,
Natural hazard modeling and Management



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Structural Engineering FRP Composite Structures,
Bridge and Infrastructural Application



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Water Resources Engineering,
Ocean Engineering



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Dynamics of Structures, Earthquake Engineering,
Passive Damper System



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Transport Network Planning,
Design and Analysis; Traffic Safety and Accident
Analysis



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Solid and Structural Mechanics, Geomechanics,
Structural Engineering



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Transportation Engineering,
Logistics Management Systems and Freight Transport
Modeling



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Structural Analysis,
Mechanics of material



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Earthquake Engineering,
Computational Mechanics



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Highway Materials Testing,
Geotechnical Aspects of Pavement,
Soil Improvement



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Structural Engineering



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Soil Behavior,
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Structural Engineering,
Fire Safety Engineering



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Coastal and Ocean Engineering,
Tsunami Waves, Tidal and Ocean Energy



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Construction management

Research Area

Structural Engineering

- Solid and Structural Mechanics
- Geomechanics
- Boundary Element Method
- Finite Element Method
- Fire Safety Engineering
- Earthquake Engineering

Transportation Engineering

- Transport Planning and Policy
- Transport, Land-use and Sustainability
- Disaster Resilience in Transport
- Transport Safety and Security

Freight Transport and Logistics

- Logistics Management Systems
- Freight Transport Modeling
- City Logistics

Pavement Design and Highway Materials

- Geotechnical and Pavement Engineering

Construction Management

- Claim & Dispute

Geotechnical Engineering

- Soil Behavior
- Slope Stability
- Flood modeling and early warning system
- Landslide modeling and early warning system
- Riverbank erosion
- Climate change related studies
- Groundwater and Contaminant Transport Modeling

Coastal and Ocean Engineering

- Modeling of Coastal Morphodynamics and Coastal
- Water Wave Measurement and Analysis
- Modeling of Coastal Hazards including Storm Surges and Tsunamis
- Assessment of Ocean Wave, Current, and Tidal Energy
- Coastal Resources Management

Water Resources Engineering

- Hydrology
- Hydraulic Engineering
- Drainage Engineering