



DEPARTMENT OF CIVIL ENGINEERING



The Department of Civil Engineering offers globally recognized B.Tech., M.Tech., Dual Degree, M.S., and Ph.D., programmes. With well-established laboratory facilities and world-class testing facilities incorporating cutting edge technologies, our research/teaching efforts are making significant societal impact.

Our alumni network spans globally with eminent personalities holding prestigious administrative positions in leading academic institutions, industries and government sectors. The rich expertise of faculty members with advanced degrees and/or training from reputed institutions in India and overseas, strengthen the academic and research activities of the department.

The increasing interactions with national and international academia and industry have truly made this department one of the top choices of students.

We work closely with various private and public agencies and participate in policy making and advising in the implementation of



Prof. Benny Raphael
Head of the Department



latest technologies in the profession of civil engineering and allied areas. We look forward to fulfilling our obligations of creating the next generation engineers and leaders in academia and industry. We are committed to being active participants in the development of the intellectual ecosystem of our nation and the world.

Programmes (M.Tech.)

- Building Technology, Construction Materials & Management
- Environmental Engineering
- Geotechnical Engineering
- Hydraulics and Water Resources Engineering
- Structural Engineering
- Transportation Engineering

Research areas

Building Technology, Construction Materials & Management (BTCM)

- Building Physics, Thermal comfort and lighting.
- Construction Materials, Cement Chemistry, Alternative Cementitious Binders, Materials Characterization, Molecular Modeling of Cementitious Materials, Concrete Technology, Special reinforcement, Mechanical and fracture characterization of reinforced concrete composites, Fibre- and Textile-reinforced concrete, Material modeling, Fatigue life modeling, Corrosion and durability, Service life modeling, 3D-printing of concrete, Sustainability and life cycle assessment, carbon footprint.
- Construction Management, Construction Automation, Robotics, Building Information Modeling (BIM), Public-private partnership (PPP), Construction safety, Construction contracts, Dispute Resolution, Policy development, Sustainability assessment

Environmental Engineering

- Aerosols, Climate Interaction and Hydro-Meteorology
- Circular Economy and Sustainability
- Solid and Hazardous Waste Management





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- Wastewater Management and Reuse
- Water Quality Assessment and Treatment
- Urban Air Quality Management

Geotechnical Engineering

- Ground Improvement and Geosynthetics
- Computational Geomechanics
- Geoenvironmental Engineering and Unsaturated Soil Mechanics
- Soil Dynamics and Earthquake Geotechnical Engineering
- Rock Engineering and Underground Space technologies

Hydraulics and Water Resources Engineering

- Hydrologic Modelling
- Computational Hydraulics
- Vegetation Under Abiotic Stresses and Climate Change
- Experimental Hydraulics, Sediment Transport, Cohesive Sediment Dynamics

Structural Engineering

- Behaviour and design of RC and steel structural systems
- Computational Methods in Structural Engineering
- Earthquake Engineering - Research on Fire, Blast, and metamaterials

Transportation Engineering (TR)

- Traffic Engineering and Management
- Intelligent Transportation Systems
- Urban Transport Planning
- Pavement Analysis and Design
- Pavement Construction Technology and management

Placements



aarvee associates
architects engineers & consultants pvt. ltd.

Thornton Tomasetti



Government Of Telangana
Irrigation & CAD Department

KELLER ATKINS
Member of the SNC Lavalin Group

AFCONS

AECOM



Andhra Pradesh Water
Resource Department





Faculty

Building Technology, Construction Materials & Management

Dr. Ashwin Mahalingam
Dr. Aslam Kunhi Mohamed
Dr. Benny Raphael
Dr. Keerthana Kirupakaran
Dr. Koshy Varghese
Dr. Manu Santhanam
Dr. Murali Jagannathan
Dr. Nikhil Bugalia
Dr. Piyush Chaunsali
Dr. Radhakrishna G Pillai
Dr. Ramamurthy K
Dr. Ravindra Gettu
Dr. Satyanarayana K N
Dr. Sivakumar Palaniappan

Environmental Engineering

Dr. Chandan Sarangi
Dr. Indumathi M Nambi
Dr. Ligy Philip
Dr. Mathavakumar S
Dr. Mohanakrishnan Logan
Dr. Sachin S Gunthe

Dr. Shiva Nagendra S M
Dr. Tanushree Parsai

Hydraulics and Water Resource Engineering

Dr. Balaji Narasimhan
Dr. Murty B S
Dr. Soumendra Nath Kuiry
Dr. Sreeparvathy Vijay
Dr. Subbarao Pichuka
Dr. Sudheer K P
Dr. Venkatraman Srinivasan
Dr. Venu Chandra

Geotechnical Engineering

Dr. Chandrasekhar Annavarpu
Dr. Dali Naidu Arnepalli
Dr. Dodagoudar G R
Dr. Ramesh Kannan K
Dr. Robinson R G
Dr. Subhadeep Banerjee
Dr. Tarun Naskar
Dr. Thyagaraj T
Dr. Vidya Bhushan Maji

Structural Engineering

Dr. Alagappan Ponnalagu
Dr. Alagusundaramoorthy P
Dr. Amlan K Sengupta
Dr. Apparao G
Dr. Arul Jayachandran S
Dr. Arun Menon
Dr. P S Lakshmi Priya
Dr. Meher Prasad A
Dr. Murty C V R
Dr. Nageswara Rao B
Dr. Phanisri Pradeep Pratapa
Dr. Raghukanth S T G
Dr. Rupen Goswami
Dr. Saravanan U
Dr. Satish Kumar S R

Transportation Engineering

Dr. Atul Narayan S P
Dr. Bhargava Rama Chilukuri
Dr. Gitakrishnan Ramadurai
Dr. Karthik K Srinivasan
Dr. Lelitha Devi Vanajakshi
Dr. Murali Krishnan J
Dr. Surender Singh