

## Department of Civil Engineering

The Civil Engineering Research Centre aims to promote interdisciplinary and industry-oriented research. The Centre encourages the integration of conventional civil engineering practices with emerging technologies such as Artificial Intelligence (AI), Machine Learning (ML), Building Information Modelling (BIM), Geographic Information Systems (GIS), Remote Sensing and digital construction technologies.

The main focus areas are

- Sustainable construction materials
- green and energy-efficient buildings
- water resources management
- wastewater treatment and reuse and Circular economy

## Research Supervisors



**Dr K N Vishwanath**

Number of PhD awarded=  
Number of candidates registered  
for PhD =



**Dr M.K. Harikeerthan**

Number of PhD awarded= **NA**  
Number of candidates registered for PhD = **2**  
**Focused Research Areas:**  
Highway Materials, Pavement Design and  
Deterioration Modelling, Traffic and Transportation  
Planning



**Dr Shubhalakshmi B S**

**Focused Research Areas:**

Sustainable Construction Materials  
Repair and Rehabilitation of Structures



**Dr. Deepak GB**

**Focused Research Areas:**

Geotechnical Engineering, Geo-environmental  
Engineering, Sustainable Alternate Building Materials



**Dr Deepthi B P**

**Focused Research Areas:**

Water resource management, Advanced water and wastewater treatment, Solid waste mangement, Air quality assessment.



**Dr Sridhara S**

**Focused Research Areas:**

Earthquake and Structural Dynamics