



## Contact

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## Mr. Kiran Kumar C M

Assistant Professor in Civil Engineering

### Faculty

Faculty of Engineering and Technology

### School / Program

School of Engineering

B.Tech. in Civil Engineering

### Faculty Introduction

Mr. Kiran Kumar C M is an Assistant Professor in the Department of Civil Engineering, School of Engineering, Faculty of Engineering and Technology at GM University, Davanagere. With over nine years of teaching experience, his areas of expertise include Transportation Engineering, Pavement Design, and Traffic Systems. He has presented research papers at national and international conferences on sustainable traffic management and urban transport planning. Mr. Kiran Kumar C M actively contributes to departmental and institutional development through consultancy, cultural, and outreach activities.

## Qualifications

### Ph.D

Pursuing, GM University, Davanagere

### M. Tech. (Highway Technology)

RASTA- Centre for Road Technology, Bengaluru, 2015

### BE (CE)

GM Institute of Technology, Davanagere, 2013

## Experience

### Teaching

- 09 Years at GM Institute of Technology

### Industry

### Research

- Soil Stabilization
- Pavement Materials and Design
- Soil Mechanics

#### **Training Program Attended**

- Training program on “Waterproofing and gradeslab for industrial and commercial building” by BIET, Davanagere
- Faculty Training Program on the Academic Processes Handbook conducted by GM University.
- Leadership Training Program conducted by GM University.
- Training Program on Autocadd and Revit architecture software’s by Technical competency, GM University.

#### **Interest**

- Pavement Design
- Pavement Materials and Construction
- Soil Mechanics
- Traffic Engineering and Transport Planning

#### **Awards & Achievements**

- Patent: “Hand-held Time-domain Reflectometer” -Design Application number- 452886-001, design accepted and Published, Journal No is 27/2025 and Journal Date is 04/07/2025

#### **Publication / Patents**

- “Proposed Bus Rapid Transit System from Davanagere to Harihara”, “Fourth National Conference on Road and Infrastructure” 4-5 April, 2019 Organized by RASTA. Publisher- Himalaya Publishing House Pvt. Ltd.,
- “Sustainable Traffic Management and Signal Optimization at Aruna Intersection, Davanagere”, “Fourth National Conference on Road and Infrastructure” 4-5 April, 2019 Organized by RASTA. Publisher- Himalaya Publishing House Pvt. Ltd.,
- “Intersection and Signal Design at the Junction of Shamanur Road and Ring Road (Davanagere)” 2nd International Conference on Emerging Trends in Science, Engineering and Management, 15-16th July 2021, Institute For Engineering Research and Publication.
- “Bus Rapid Transit System for Davangere” 2nd International Conference on Emerging Trends in Science, Engineering and Management, 15-16th July 2021, Institute For Engineering Research and Publication.

#### **Professional Membership**

- Indian Society for Technical Education. (Membership No. LM 129486) (Life Member)

#### **Awards & Recognitions**

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#### **Administrative Responsibilities**

- Department Level – Magazine Coordinator, Cultural Coordinator, ISTE Coordinator
- University Level - BOS Member, 5S Circle Leader, President – Fine Arts & Creative Expressions Club, Program Manager – Media and Filmmaking

#### **Workshops / FDPs / Seminars Attended**

- FDP on “Research Methodology” by NPTEL
- Research Symposium conducted by GM University
- Seminar on “Building Sustainable Futures: Expert Insights in Structural, Geotechnical, and Transportation Engineering” By AWH Engineering College, Kozhikode.
- Five days FDP on “Teaching Learning Process to Enhance Program Outcome” By RVCE, Bengaluru
- Seminar on “NEP 2020-Planning & Implementation” BY RVCE, Bengaluru.
- FDP on “Emerging technologies in Civil Engineering” by JBIET, Hyderabad.
- FDP on “Advances in Highway Technologies and Traffic Systems” by MSRIT, Bengaluru
- Faculty Awareness Program on NBA and NAAC “Teaching Learning Process to Enhance Program Outcomes”
- FDP on “Emerging trends and prospects in Geotechnical Engineering Research” by SGBIT, Belagavi
- Seminar on AICTE-ISTE approved program on “Developments in Building Diagnosis” by VTU, Centre for post graduate studies, Kalaburagi.

#### **Workshops / FDPs / Seminars Organized**

- Three Day Workshop on “AutoCAD 2D and 3D” for Civil Engineering Semester students
- Two Day Workshop on “MS Project” for Civil Engineering Semester students

#### **Projects Guided**

- Bus rapid transit system in Davangere city
- Intersection and Signal Design at the Junction of Shamanur Road and Ring Road
- Proposed Bus Rapid Transit System from Davanagere to Harihara
- Sustainable Traffic Management and Signal Optimization at Aruna Intersection, Davanagere
- Stabilization of black cotton soil using polypropylene waste fibres
- Permeable Concrete Pavers Blocks
- Design And Estimation of Residential Building Using BIM Software
- An Experimental Investigation of the Effect of Stabilizing Clayey Soil Using Copper Slag and Nanomaterial

#### **Projects / Grants Received**

- Received Seed Money from GM University for project- “A Study on Stabilization of Clayey Soil Subgrade Using Nano Material”
- Received grants from KSCST for project – “An investigation on the effects of stabilizing clayey soil using copper slag and nanomaterial”
- Received grants from KSCST for project “Bus rapid transit system in Davangere city”
- Received grants from VTU for project “Intersection and Signal Design at the Junction of Shamanur Road and Ring Road”
- Received grants from VTU for project “Bus Rapid Transit System”

#### **Any Other Contributions**

- Civil Consultancy works
- Admission Marketing