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GM UNIVERSITY

P. B. Road, Davanagere – 577 006 KARNATAKA | INDIA



## Contact

### Email

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### Phone

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### Websites

## Mr. Virupaksha H V

Assistant Professor in Civil Engineering

### Faculty

Faculty of Engineering and Technology

### School / Program

School of Engineering

B.Tech. in Civil Engineering

### Faculty Introduction

Mr. Virupaksha H V is an Assistant Professor in the Department of Civil Engineering, School of Engineering, Faculty of Engineering and Technology at GM University, Davanagere. With over 14 years of teaching experience, his areas of expertise include Structural Engineering, Survey, and Programming languages like (C, Python). He has presented research papers at national and international conferences on Lightweight Concrete and Analysis and Design of Multistoried Commercial Building using ETABS. Mr. Virupaksha H V actively contributes to departmental and institutional development through consultancy and outreach activities.

## Qualifications

### Ph.D.

Pursuing, VTU, Belagavi.

### M. Tech. (CADSS)

UBDTCE – Davanagere, Karnataka, 2012

### BE (Civil)

Bapuji Institute of Engineering and Technology, Davanagere, 2010

## Experience

### Teaching

- 01 Year (2012-2013) at Alvas Institute of Engineering and Technology, Moodbidri.
- Since 2013 at G M Institute of Technology, Davanagere.

### Industry

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### Research

- Concrete materials

### Training Program Attended



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- Faculty Awareness Program on NBA and NAAC “Teaching Learning Process to Enhance Program Outcomes”
- NAAC Awareness Programme for Faculty
- Workshop on NEP 2020: Planning & Implementation

#### Interest

- Strength of Materials
- Finite Element Method
- Surveying
- Concrete Materials
- Programming Languages

#### Awards & Achievements / Patents

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#### Publication / Patents

- “Performance Evaluation of Lightweight Concrete by Replacement of Cement by Fly Ash” 2nd International Conference on Emerging Trends in Science, Engineering and Management, 15th -16th July, 2021.
- “Analysis and Design of Multistoried Commercial Building using ETABS” 2nd International Conference on Emerging Trends in Science, Engineering and Management, 15th -16th July, 2021.

#### Professional Membership

- Indian Society for Technical Education. (Membership No. LM 129485) (Life Member)

#### Awards & Recognitions

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#### Administrative Responsibilities

- Department Level-Accreditation Coordinator, Internal Coordinator, Survey Lab Incharge.
- University Level- 5S Circle Leader

#### Workshops / FDPs / Seminars Attended

- Hands on Total Station conducted by PDACE, Kalaburgi.
- Attended Three Days Faculty Development Program on "Current Research Avenues in Civil Engineering " Organized by the Department of Civil Engineering, Tontadarya College of Engineering, Gadag from 29th to 31st May, 2020.
- A one day workshop conducted on “Total station and E-Surveying software” dated on 22nd March 2019 at GMIT, Davanagere.
- Universal Human Values & Professional Ethics.

#### Workshops / FDPs / Seminars Organized



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- Three Day Workshop on “AutoCAD 2D and 3D” for Civil Engineering Semester students
- Three days Hands on session on Total Station

#### **Projects Guided**

- UG Projects
  - Experimental investigation on strength parameters of concrete replacing natural coarse aggregates by waste plastic aggregates with addition of mineral admixture.
  - A study on partial replacement of OPC with fly ash and rice husk ash in concrete.
  - Performance Evaluation of Lightweight Concrete by Replacement of Cement by Fly Ash.
  - An experimental study on behaviour of steel fibre reinforcement concrete.
  - Performance evaluation of concrete by partial replacement of coarse aggregate by marble waste and cement by rice husk ash.
  - Design and analysis of energy efficient building.
  - An experimental investigation on strength parameters of concrete replacing cement by waste glass powder with different dosages.
  - Analysis and Design of Multistoried Commercial Building using ETABS.
  - Planning, Analysis and design of shopping mall.

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

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#### **Any Other Contributions**

- Civil Consultancy works
- Admission Marketing