



## Mr. Swamy L 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. Swamy L V is an Assistant Professor in the Department of Civil Engineering under the School of Engineering, Faculty of Engineering and Technology. I hold a B.E. in Civil Engineering and an M. Tech in Structural Engineering from Visvesvaraya Technological University, and I am currently pursuing my Ph.D. at the same university. With over 12 years of teaching experience, my academic and research interests include concrete technology, structural analysis, and sustainable construction materials. I have published research papers in reputed journals and conferences, and I have guided numerous undergraduate projects with a focus on innovative and eco-friendly construction materials.

### Qualifications

#### Ph.D. in Civil Engineering Sciences

Pursuing in Visvesvaraya Technological University, Belagavi, Karnataka

#### M. Tech. in Structural Engineering

Visvesvaraya Technological University, Belagavi, Karnataka, 2013

#### BE in Civil Engineering

Visvesvaraya Technological University, Belagavi, Karnataka, 2011

### Experience

#### Teaching

- 02 Years at G M University, Davanagere
- 10 Years at G M Institute of Technology, Davanagere

#### Industry

- 

#### Research

- Structural Behavior of Fiber Reinforced Concrete Beams.

#### Training Program Attended



- Completed the ISO 9001:2015 Quality Management System Internal Auditor Course.

### Research Interest

- Concrete Technology
- Sustainable and Eco-friendly Construction Materials
- Structural Analysis and Design
- Optimization of Civil Infrastructure.

### Awards & Achievements

- “Best Project of the Year” award from KSCST in 2019 for the project titled “An Experimental Study on Pervious Concrete – A Sustainable Choice in Civil Engineering.”

### Publication / Patents

- Ph.D. Dissertation:
- National Conference Papers:
- **International Conference Papers:**
  - Experimental Study on Partial Replacement of Coarse Aggregate by Coconut Shell 2nd International Conference on Emerging Trends in Science, Engineering and Management, 15<sup>th</sup> -16<sup>th</sup> July, 2021.
- National Journal Papers:
- **International Journal Papers:**
  - An Experimental Study on Compressive and Flexural Strength Behavior of Steel Fiber Reinforced Concrete, JETIR, Volume 7, Issue 8, August 2020.
  - Traffic Volume Count and Signal Optimisation at Mothi Circle Davanagere, IJERT, Vol.4 Issue 09, September-2015.

### Professional Membership

- Indian Society for Technical Education. (Membership No. LM 108243) (Life Member)

### Awards & Recognitions

- Member of the Board of Studies (BOS) at SJM University, Chitradurga in 2022.
- Member of the Project Evaluation Committee and External Adjudicator at BIET, Davangere in 2017.

### Administrative Responsibilities

- **Department Level**
- Internal Assessment (IA) Coordinator
- Time Table Coordinator
- NBA Co-ordinator
- Exam Management System (EMS) Coordinator

### Workshops / FDPs / Seminars Attended

- Five days FDP on “Next Generation Construction Practices using BIM”, from 23rd June to 27th June 2025. Online

- Six Days Faculty Development Program on "AI in Real Life" Organized by the Department of Computer Science & Engineering, PESITM Shivamogga, from 30<sup>th</sup> August to 3rd September and 7th September 2021.
- One Week Faculty Development Program on "Infrastructure Works: Site Survey to Execution Using Modern Project Management Techniques" Organized by Civil Department, DSATM, Bangalore from 10th August to 15th August 2020
- One-week online FDP on "Emerging Technologies in Civil Engineering" organized by JBIET Hyderabad from 1st to 6th June 2020
- 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
- Four days FDP on "Software application laboratory" at Dayananda sagar academy of technology Bangalore from 08th to 11th January 2018.
- Five days FDP on "Autodesk Autocad" at Mangalore from 23rd to 27th October 2017.

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

- Faculty Skill Development Program On "Upskilling of AutoCAD 2019"
- Faculty Development Programme (FDP) on "Total Station and E-Surveying Software" Date: 2<sup>nd</sup> – 4<sup>th</sup> April 2019 Organised by: Department of Civil Engineering, GMIT, Davanagere

#### **Projects Guided**

- Eco-friendly concrete with recycled plastic as partial replacement for sand.
- A study on partial replacement of OPC with fly ash and rice husk ash in concrete.
- Experimental study on concrete with metakaolin as partial replacement of OPC.
- Performance of steel fiber in concrete
- An experimental study on pervious concrete - A sustainable choice in civil engineering
- Analysis and design of multi storied building using Staad.pro
- An experimental study on compressive and flexural strength behavior of steel fibre reinforced concrete
- Experimental study on partial replacement of coarse aggregate by coconut shell
- Analysis and design of shopping mall using Staad.pro

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

- An Experimental Study on Pervious Concrete – A Sustainable Choice in Civil Engineering, Principal Investigator: Mr. Swamy L V, Department of Civil Engineering, KSCST Student Project Grant, Amount Sanctioned: Rs. 8,000/-, AY 2018–2019.



- An Experimental Study on Compressive and Flexural Strength Behavior of Steel Fiber Reinforced Concrete, Principal Investigator: Mr. Swamy L V, Department of Civil Engineering, KSCST Student Project Grant, Amount Sanctioned: Rs. 6,000/-, AY 2019–2020.

**Any Other Contributions**