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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

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Research

- Structural Behavior of Fiber Reinforced Concrete Beams.

Training Program Attended



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- 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, 15th -16th 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-coordinator
- 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



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- Six Days Faculty Development Program on "AI in Real Life" Organized by the Department of Computer Science & Engineering, PESITM Shivamogga, from 30th 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: 2nd – 4th 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.



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- 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