



# Dr. Vivek K Viswanath

Assistant Professor in Civil Engineering

## Administrative Responsibilities

Institute level :

- Committee Member- Disciplinary Action Committee
- Department coordinator for institute website
- Faculty Coordinator- IPR, Legal and ethical matters
- Chairman Debate club
- Committee Member -IEDC

Departmental responsibilities:

- Class Tutor for M. Tech Structural Engineering and Construction Management Batch 2025-2027
- Social commitment activities, Department promotion, Technical talks
- Staff coordinator- Department news letter
- Faculty in-charge for Material testing lab -I

## Education Summary

Doctoral work (Ph.D.):

*“Performance of RC Precast Prestressed Beam-beam Connections under Cyclic Loading” (July 2025)*

Indian Institute of Technology Madras,

Under the guidance of Prof. Appa Rao G.

**CGPA 8.46**

Post-Graduation: **M. Tech** in Structural Engineering **(2016)**

Vidya Academy of Science and Technology Thalakkottukara,  
Thrissur.

**CGPA 8.47 (First Class with Distinction)**

Graduation: **B. Tech** in Civil Engineering **(2013)**

Royal College of Engineering and Technology Akkikavu, Thrissur.

**CGPA 7.93 (First Class)**

## Teaching and Research

- Assistant Professor in Civil Engineering, Christ college of Engineering, Irinjalakuda (August 2025-present)
- Assistant Professor in Civil Engineering, Ahalia School of Engineering and Technology, Palakkad (July 2016-December 2017) (1.5 Years)
- Full-time Research scholar, Indian Institute of Technology Madras (5 years)

## Journal/Papers Published

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### A. Publications in International Journals with SC Index

- 1) Vivek K Viswanath, Abhilasha P.S., Vilas Sankar and Alosta (2020) 'Performance of Self-compacting Concrete replaced with Saturated Recycled Aggregate', **International Journal of Engineering and Advanced Technology (IJEAT)** ISSN: 2249-8958 (Online), Volume-9 Issue-6, August 2020
- 2) Amritha P, Aparna Dandapani, Kezy Joy, Alwyn Varghese, Vivek K Viswanath 'Mechanical Properties of Glass Powder & Tin Strips Based Concrete Under Accelerated Curing', **International Journal of Advanced Technology in Engineering & Science**, Vol No.5, issue No. 04, April 2017

### B. Papers presented in International / National Conferences

- 1) Vivek K Viswanath, and Appa Rao G. 'Performance of RC Precast Beam-Beam Connections under Cyclic loading' presented at the International Conference on Condition Assessment, Rehabilitation & Retrofitting of Structures (**CARRS 2023**), Department of Civil Engineering, IIT Hyderabad, 10-13 December 2023

## Areas of Interest

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- Precast Structures
- Experimental Techniques
- Earthquake Resistant Structures
- Self-compacting concrete
- Structural Dynamics