

BIBY ALEYSAS, M.Tech.

✉ bibyaleyas@icet.ac.in

🌐 <http://example.example.org/>



Employment History

2013 – **Assistant Professor**, Department of Civil Engineering, Ilahia College of Engineering and Technology .

Education

2007 – 2011 **Under Graduation, M G University:** B.Tech in Civil Engineering .

2007 - 2011 **Post Graduation, M.G. University:** M.Tech in Computer Aided Structural Engineering .

Research Publications

Journal Articles .

- 1 S. Arshamol and B. Aleyas, "Structural performance of innovative fabricated coupled composite column in multi storeyd building.," *International Research Journal of Engineering and Technology (IRJET)*, vol. 9, no. 7, 2022.
- 2 F. Fackrudheen and B. Aleyas, "Post fire seismic evaluation of variable precast composite moment connection," (*IRJET*, vol. 8, no. 1, 2021.
- 3 A. Anila and B. Aleyas, "Modal analysis and design of long span special truss moment frames," *International Research Journal of Engineering and Technology*, vol. 7, no. 5, 2020.
- 4 A. Liya and B. Aleyas, "Study of interface debonding effects of fully prefabricated steel-ultra high performance concrete composite deck system with dynamic load," *International Research Journal of Engineering and Technology*, vol. 7, no. 5, 2020.
- 5 V. Anjana and B. Aleyas, "Finite element analysis of elevated steel silos under seismic vulnerability using different types of basement techniques," 2019.
- 6 T. M. Fasludheen and B. Aleyas, "Analytical evaluation of folded plate girder with corrugated web for short span bridges," *Engineering and Science*, vol. 6, no. 1, 2018.
- 7 A. Nahar and B. Aleyas, "Buckling analysis and parametric study of hemispherical and pointed domes with lamella and diamatic configuration," *International Research Journal of Advanced Engineering and Science*, vol. 2, no. 2, pp. 131–134, 2017.
- 8 E. Saumya and B. Aleyas, "Analytical and parametric study of double box girder," *Engineering and Science*, vol. 2, no. 2, pp. 166–169, 2017.
- 9 A. S. Hameed and B. Aleyas, "Experimental investigation on properties of binary and ternary blended high strength concrete using silica fume and bagasse ash," *International Journal of Engineering Research Technology*, 2016.

Conference Proceedings

- 1 B. Aleyas and V. M. Sreedavi, "Performance study on existing rc building and retrofitted building using pushover analysis' proceedings of all india seminar on innovations in construction practices, at thejus engineering college, thirssur," 2014.

Skills

Languages	■	Strong reading, writing and speaking competencies for English, Malayalam and Hindi
Softwares	■	CADD, STAAD, C programing
Core Competencies	■	Quick learner, Good Communicator, Good presentation skills, Management skills, Ability to work in a team
Misc.	■	Academic research, teaching, training

Miscellaneous Experience

Seminars/Workshops/FDPs

- 2023 ■ **Sustainable repair and rehabilitation of constructed facilities**, five days online workshop (VIT).
- 2021 ■ **Emerging Trends in Structural Health Monitoring Procedures**, five days online workshop (TOC-H).
- **Forensics in Structural and Geotechnical Engineering**, five days online workshop (AISAT).
- **Material Testing and Characterization, Destructive and Non- Destructive Approaches**, three days online FDP (GECK).
- 2020 ■ **Know Everything Related to Research**, five days online FDP (ICET).
- **Current Scenario and Emerging Trends in Construction Management**, five days online workshop (TOC-H).
- **En-Talks** , five days webinar (ICET).
- 2019 ■ **Advanced training programme on GIS and remote sensing** , SIX days FDP (MITS).

Duties/Responsibilities

- 2023 ■ **Department workload Coordinator**
- **College Admission Committee member**
- **Department House Keeping Performa Analyser**
- **Survey Lab Incharge**
- **Department Infrastructure co-ordinator**
- **Mentor 2022-2026 CE**
- **Department Budject Coordinator**
- 2022 ■ **College Admission Committee member**
- **Department House Keeping Performa Analyser**
- **Survey Lab Incharge**

Miscellaneous Experience (continued)

- Class committee chairman of s4
- Department Infrastructure co-ordinator
- Mentor 2022-2026 CE
- Department criteria 10 Coordinator
- Department Budget Coordinator
- 2021 ■ Mentor 2019-2023 CE
- 2020 ■ Mentor 2019-2023 CE
- 2019 ■ Mentor 2019-2023 CE