

Ms. Adila Abdulla Kunju

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🌐 <https://www.icet.ac.in/faculties/1/staff-profile>



Employment History

September 2018 – **Assistant Professor**, Department of Civil Engineering, Ilahia College of Engineering and Technology

Education

- 2016 – 2018 **Post Graduation, A P J Abdul Kalam University:** M.Tech in Structural Engineering and Construction Management
Thesis title: *Torsional Strengthening of RC Beams using hybrid CFRP – BFRP Wrapping.*
- 2011 – 2015 **Under Graduation, M G University:** B.Tech in Civil Engineering.
Project title: *Study on Removal of Heavy Metals from Industrial Effluent using Bio - Surfactant Producing Bacterias.*

Research Publications

Journal Articles

- 1 J. Biju and A. A. Kunju, “Experimental study on partial replacement of fine aggregates with foundry sand and concrete strengthened using basalt fiber,” *International Research Journal of Engineering and Technology*, vol. 7, no. 6, 2022.
- 2 A. Dileep and A. A. Kunju, “An experimental study on papercrete bricks manufactured using paper pulp, lime and fly ash,” *International Research Journal of Engineering and Technology*, vol. 9, no. 7, 2021.
- 3 H. P. Basheer and A. A. Kunju, “Seismic control and performance of irregular high rise building with outrigger,” *International Research Journal of Engineering and Technology*, vol. 7, no. 6, 2020.
- 4 N. C N and A. A. Kunju, “Strengthening and compressive behavior of composite multilimbed lightweight cfs build up a column,” *International Journal of Advance Research, Ideas and Innovations in Technology*, vol. 7, no. 7, 2020.
- 5 A. Jacob and A. A. Kunju, “Stabilization of expansive subgrade for pavement using foundry,” *International Research Journal of Engineering and Technology*, vol. 7, no. 7, 2020.
- 6 A. Mathew and A. A. Kunju, “Static performance of steel strengthened and concrete in-filled castellated beam,” *International Research Journal of Engineering and Technology*, vol. 7, no. 6, 2020.
- 7 V. Faikha, R. Nandhu, S. Shilpa, N. Sulthan, and K. Adila Abdulla, “Flexural strengthening of steel beams using cfrp sheets,” *Int Res J Eng Technol (IRJET)*, vol. 6, no. 5, pp. 190–192, 2019.
- 8 S. Ibrahim and A. A. Kunju, “Strengthening of partially damaged deficient rc beam with externally bonded bfrp composites using fea,” *International Research Journal of Engineering and Technology*, vol. 6, no. 5, 2019.
- 9 H. Salim, B. Noushad, J. V. Cheriyan, M. Jose, and A. A. Kunju, “Effect of magnetic water on split tensile strength and flexural strength of m25 concrete,” *International Research Journal of Engineering and Technology*, vol. 6, no. 5, 2019.

- 10 A. A. Kunju and V. Sooraj, "Comparative study on torsional strengthening of rc beams using cfrp and bfrp wrapping," *International Research Journal of Engineering and Technology*, vol. 5, no. 5, 2018.
- 11 A. A. Kunju and V. Sooraj, "Torsional strengthening of rc beams using hybrid cfrp-bfrp external u-wrapping," *International Research Journal of Engineering and Technology*, vol. 5, no. 5, 2018.

Skills

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

Miscellaneous Experience

Certification/Affiliation

2021 February– 2021 April	Certification. NPTEL: Safety in Construction.
2019 July– 2019 October	Certification. NPTEL: Design of Reinforced Concrete Structures.

Seminars/Workshops/FDPs

2022	Recent Advances in Structural Engineering , five days online FDP (VJCET).
	Emerging trends in construction management , six days online FDP (TOC-H).
	Use of Building Information Modelling Tools , three days FDP (AISAT).
2021	Emerging Trends in Structural Health Monitoring Procedures , five days online workshop (TOC-H).
	Orientation/Refresher program on outcome based education in educational institutions , six days online workshop (SJCET).
	NPTEL E-Awareness Workshop , online workshop (IIT Madras).
	Recent advancements in displacement based seismic design of bridges and An overview of need and adoption of wind tunnel testing for long span , online workshop (ASCE).
	Construction Industry- Present and Future Trends , six days online FDP (FISAT).
	Recent Advances on Seismic and Wind Load Analysis of Structures , five days online FDP (MBCET).

Miscellaneous Experience (continued)

- **Advances in Physical and Numerical Modelling in Geotechnical and Geo environmental Engineering** , five days online FDP (MCET).
- **Material Testing and Characterization, Destructive and Non- Destructive Approaches**, three days online FDP (GECK).
- 2020 ■ **En-Talks** , five days webinar (ICET).
- **Communicative English Skills for Engineering Students and Faculty**, three days workshop (MBITS).
- **Durability of Concrete**, six days online international workshop (NITK).
- **Know Everything Related to Research**, five days online FDP (ICET).
- **Current Scenario and Emerging Trends in Construction Management**, five days online workshop (TOC-H).
- 2019 ■ **Emerging Trends in Sustainable Development in Transportation Engineering**, five days FDP (TOC-H).

Duties/Responsibilities

- 2023 ■ **University Examination Cell Coordinator**
- **College Feedback Coordinator**
- 2021 ■ **Department ERP Coordinator**
- **Mentor 2021-2025 CE**
- 2020 ■ **Department ICT Academy Coordinator**
- **Department NSS Coordinator**
- **Department criteria 9 Coordinator**
- 2019 ■ **Mentor 2016-2020 CE - B Batch**
- 2018 ■ **Department Feedback Coordinator**