

Ms. Kiran Jacob

✉ kiranjacob@icet.ac.in

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



Employment History

- January 2016 – **Assistant Professor**, Department of Civil Engineering, Ilahia College of Engineering and Technology
- June 1 2014 – December 31 2015 **Assistant Professor**, Department of Civil Engineering, Al Azhar College of Engineering and Technology, Thodupuzha.
- July 1 2011 – August 31 2012 **Junior site engineer**, Puravankara projects Ltd

Education

- 2012 – 2014 **Post Graduation, M.G. University: M.Tech in Computer Aided Structural Engineering**
- 2007 – 2011 **Under Graduation, M G University: B.Tech in Civil Engineering.**

Research Publications

Journal Articles

- 1 A. Naseeba Sithara and K. Jacob, "Punching shear simulation of flat slab using truss, stirrup and stud,"
- 2 S. Sreekutty and K. Jacob, "Experimental study on iron ore tailings and bottom ash as fine aggregates in concrete,"
- 3 S. S. TK and K. JACOB, "Numerical investigation and structural performance of hollow flanged corrugated web tapered slender columns," 2020.
- 4 A. Rahman and K. Jacob, "Finite element analysis on parametric behaviour of hybridised cold formed steel in multi storey frames," 2019.
- 5 A. Baby and K. Jacob, "A parametric study on the effect of multi-corrugated web profile on the performance of steel beam section," *International Research Journal of Advanced Engineering and Science*, vol. 2, no. 2, pp. 210–214, 2017.

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


2019 NOVEMBER 30  **Certification. AUTOCAD:** AUTOCAD 2009 LEVEL 1 ,2 AND 3 .

Seminars/Workshops/FDPs

2020  **3D PRINTING IN CONCRETE CONSTRUCTION,** ULTRA TECH CEMENT Ltd 12 Jul 2020.

2019  **REFERENCE MANAGEMENT AND KNOWLEDGE ORGANIZATION FOR JOURNAL WRITING,** five days online FDP (ilahia).

2020  **KNOW EVERYTHING RELATED TO RESEARCH,** five days online FDP (ilahia).


 **STRIKING AN EQUILIBRIUM :MANAGING PERSONAL AND PROFESSIONAL LIVES,** (ilahia).


 **DEEP LEARNING,** NOVITECH.

2014  **ANALYSIS OF A CONID,** Conferences National (ilahia).

2020  **STRUCTURAL DESIGN,** (ilahia).

 **BUILDING INFORMATION MODELLING,** (ilahia).

2021  **Forensics in structural and geotechnical engineering,** five days online FDP (Albertian Institute of science and technology).

 **Innovations in low cost construction technologies,** three days online FDP (Rajadhani Insitute of science and technology).

 **CURRENT TRENDS AND REQUIREMENTS IN CIVIL ENGINEERING INDUSTRY,** ilahia

 **USE OF INNOVATIVE MATERIALS FOR CONCRETE APPLICATIONS,** Indian Concrete Institute.

 **USE OF INNOVATIVE MATERIALS FOR CONCRETE APPLICATIONS,** three days online FDP(DEPARTMENT OF CIVIL ENGINEERING GEC KOZHIKODE).

 **IP AWARENESS / TRAINING PROGRAM,** INTELLECTUAL PROPERTY OFFICE).

 **ART AND SKILL OF WRITING RESEARCH PUBLICATION,**3 DAYS ON-LINE FDP(KTU).

Miscellaneous Experience (continued)

- TEACHING COMPETENCIES FOR SELF DIRECTED LEARNING,3 DAYS ONLINE FDP(MBITS).
- RECENT TRENDS IN DESIGN ,CONSTRUCTION AND MAINTENANCE OF PAVEMENTS,5 DAYS ONLINE FDP(MBCET).
- 2020 ■ DEVELOPING SUSTAINABLE AND DURABLE CONCRETE WITH PLASTIC WASTE, ULTRA TECH CEMENT Ltd

Duties/Responsibilities

- ASSOCIATE STAFF EDITOR ANNUAL MAGAZINE,SAMSTHITHI 18,19,20 CIVIL DEPARTMENT
- 2023 ■ NBA CRITERIA 10 COORDINATOR, CIVIL DEPARTMENT
- 2021 ■ PLACEMENT COORDINATOR CIVIL,17-21 BATCH CIVIL DEPARTMENT
- 2017 ■ MENTOR 2013-2017 BATCH
- 2021 ■ MENTOR 2017-2021 BATCH, CIVIL DEPARTMENT
- 2023 ■ LAB IN CHARGE OF MATERIAL TESTING LAB, 19,20 CIVIL DEPARTMENT
- 2020 ■ MENTOR 2016-2020 BATCH
- 2018 ■ ALUMNI MEET 2008 ,DEPARTMENT COORDINATOR
- 2008 ■ OBSQURA 2018 ,RECEPTION COMMITTE MEMBER
- 2017 ■ INNOX 2K 17,RECEPTION COMMITTE MEMBER
- PASSING OUT CEREMONY,MEMBER
- 2023 ■ NATURE AND PHOTOGRAPHY CLUB COORDINATOR, CIVIL DEPARTMENT
- INDUSTRIAL INSTITUTE CELL COORDINATOR, CIVIL DEPARTMENT
- MAGAZINE AND HANDOUTS, CIVIL DEPARTMENT
- 2021 ■ GRADUATION DAY,INVITATION COMMITTEE MEMBER