



Notification for Recruitment of Junior Research Fellow, Civil Engineering

Ref: IITPKD/2025/015/CE/ATG

● **Project Areas:**

- Limestone Calcined Clay Cements (LC3)
- Reactivity Assessment of Novel Binders
- Local clay Mineralogy

● **Required Skills:**

- Familiarity with green materials, recycling, and life cycle assessment.
- Material Testing and Characterization Techniques: Proficiency in testing methods (e.g., compression, tensile strength, durability tests), and use of tools like XRD, SEM, FTIR, and thermal analysis.
- Mix design: Experience in mix proportioning, additive testing, and optimization.
- Programming & Data Science: Python, MATLAB, R, or other languages for simulations and data processing

- **Eligibility:** M.Tech in Construction Materials/ Structural Engineering or equivalent (or) B.Tech in Civil Engineering with CGPA 8 or more from Centrally Funded Technical Institutes with a valid GATE score.

- **Age:** Candidates who are not exceeding 31 years of age, as on the closing date of application, with relaxation to candidates belonging to OBC/ SC/ ST/ PWD categories and women applicants as per Government of India norms.

- **Appointment Duration:** Initially for one year and extendable depending on the satisfactory performance of the candidate and the availability of funds.

- **No. of Positions:** One

- **Salary Particulars:** The monthly remuneration for this position will be Rs. 37,000/- (Thirty Seven Thousand Rupees only). Hostel accommodation may be provided at the institute based on availability on a chargeable basis. In case of non-availability of institute hostel, admissible HRA will be provided as per Government of India rules.

- **Deadline for application:** 31 March 2025 (Monday)

Candidates satisfying the required skills may send their resumes and certificates pertaining to educational qualifications starting from class X (in a single PDF) to athiragopinath@iitpkd.ac.in The subject of the application e-mail should be "Application for Junior Research Fellow - IITPKD/2025/015/CE/ATG". The candidate is expected to join immediately after receiving the offer letter.
