

CIVIL ENGINEERING DEPARTMENT

March 19, 2024

Advertisement for Junior Research Fellow in DST funded Project

Applications are invited from high caliber, enthusiastic and research-oriented candidates for the position of **Junior Research Fellow (JRF) (01 in No.)** in a joint research project of TIET Patiala and IIT Indore entitled **“Technology Dissemination of Compressed Colored Composite for a wide range of products to support sustainable rural infrastructure”** sponsored by the Department of Science and Technology, Government of India.

About the project: The project aims to introduce a new segment of colored products made by sustainable construction materials as an alternate to cementitious/ stone-built/ wooden or plastic products using the developed technology of coloured compressed composite at IIT Indore. Our research group has already demonstrated the technology application for brick manufacturing industries. Now, we want to extend the technology application to a wider range of products in household furniture, pre-cast building products, and pavement products.

Essential Qualification: Graduation or Post-graduation in any Engineering Discipline or Post-graduation in Basic Science. Candidate must have qualified GATE/ NET in the relevant area.

Desirables: The candidate should possess a good knowledge of material science or technology. Additionally, candidates with good exposure to polymer chemistry/ geopolymers/ concrete/ waste utilization in construction materials are highly encouraged to apply.

Monthly Stipend: Consolidated Rs. 37,000 per month and HRA as per the funding agency norms.

Duration: Initial appointment is for one year, which is extendable further based on performance up to the project duration. **Selected candidate may be considered for admission to Ph.D. Program as a regular full-time scholar at TIET Patiala as per Institute norms.**

How to Apply:

1. Interested candidates are requested to submit a **two-page write-up and a detailed CV** to Dr. Vivek Gupta (vivek.gupta1@thapar.edu), via email only with the subject line as **“Application for JRF position in DST project”**. **The last date for submission of applications is till 31st March, 2024.**
2. In the two-page write-up, the candidate should brief about the following: his/her past research work, any relevant research projects done previously, his/her idea for future research or views on the above project based on the literature search etc.
3. CV should include complete information such as academic grades/percentage starting from Xth standard onwards with the details of year of graduating, university or college, NET/ GATE score with year, discipline, marks, All India Rank, number of candidates appeared, contact details and a valid email id. **Kindly mention the details of the work experience in the project relevant field.** Incomplete applications will be rejected.
4. Only shortlisted candidates will be intimated by email for an online interview.
5. In case of any query related to above project, kindly email to Dr. Vivek Gupta.