

No.: Advt/ IIT/CSRC/25-26/08

Date: 21-08-2025

Applications are invited from eligible Indian nationals for the Junior Research Fellow (number: 01) in a time-bound sponsored project undertaken in the Department of Civil and Environmental Engineering.

<b>Temporary Position</b>	<b>Junior Research Fellow – 1</b>
<b>Essential Qualification</b>	B.Tech. in Civil Engineering and M.Tech. in Structural Engineering / Building Technology and Construction Materials / Materials Science and Engineering / Nanotechnology with above 7.5/10 CGPA or 75% marks Relaxation of CGPA: 6.0 for OBC/EWS, 5.5 for SC/ST/PWD. Relaxation of marks: 60% for OBC/EWS, 55% for SC/ST/PWD
<b>Project Title</b>	Deciphering the water-proofing technology for roofs in ancient Sri Kalahasti Temple and its application to modern steel reinforced structures
<b>Project code</b>	CIE2526001MOEXBEHE
<b>Sponsoring Agency</b>	Ministry of Education
<b>Consolidated monthly Salary</b>	INR 37,000/-
<b>Investigator(s)</b>	Dr. Prasanna Kumar Behera (PI) Dr. Sunil Kumar Thamida (Co-PI)
<b>Department/Centre</b>	Civil and Environmental Engineering
<b>Tenure of Assignment</b>	6 months and will be renewed maximum up to 24 months based on the performance*
<b>Desired Experience</b>	<ul style="list-style-type: none"> <li>• Experience in construction materials and corrosion engineering related research laboratories with an emphasis on nanocomposite coatings</li> <li>• Must be willing to work efficiently in a team environment, self-motivated, and work under a variety of challenging research conditions</li> <li>• Must have good communication skills</li> <li>• Must demonstrate the highest work ethics</li> </ul>
<b>Nature of the Work</b>	<ul style="list-style-type: none"> <li>• Experiments on lime-mortar and cement-mortar with ancient construction materials admixed</li> <li>• Electrochemical studies on steel</li> <li>• Procurement of scientific equipment</li> <li>• Report preparation</li> </ul>
<b>Age Limit</b>	Not more than 27 years (Relaxed for exceptional candidates)
<b>Last date of application</b>	04-09-2025
<b>Application Link</b>	<a href="https://forms.gle/ZEUXaDD5pt5ztq2E7">https://forms.gle/ZEUXaDD5pt5ztq2E7</a>

Applicants are strongly encouraged to apply for PhD program in the Department of Civil and Environmental Engineering, IIT Tirupati.

Eligible candidates **must** attach a **detailed CV (maximum 2 pages)** specifying their qualifications and experience **and a brief statement of purpose (Why are you interested, and what makes you qualified?)** The statement of purpose must include responses to the following questions:

1. What motivates you towards pursuing the JRF position? (max. 200 words)
2. Explain, how your prior experience will be suitable for this project. (max. 500 words).

The shortlisted candidates will be informed by **Email only**. Selection will be based on the qualification, experience, and interview. **The interview and other logistics will be conducted via hybrid mode.** The interview date will be notified to the shortlisted candidates by Email. The candidate may appear in the interview through video conferencing. IIT Tirupati reserves the right to reject any or all the applications without assigning any reason thereof.

**Note: No TA/DA shall be paid to candidates appearing for an interview online or offline. Selected candidates will need to join their duty within two weeks of acceptance of the offer.**

**Dean-CSRC**