



## Institute of Infrastructure, Technology, Research And Management

(An Autonomous University Established by Government of Gujarat)

IITRAM Campus, Near Khokhra Circle,  
Maninagar (East), Ahmedabad – 380026, Gujarat.

E-mail: [rndoffice@iitram.ac.in](mailto:rndoffice@iitram.ac.in)

Website: [www.iitram.ac.in](http://www.iitram.ac.in)

No. CLCD/PUD/efile/26/2022/0275/B

Date: 10/04/2026

### **ADVERTISEMENT NOTIFICATION**

(Last date of online application: 24/04/2026 up to 18:00 Hrs.)

#### **Advertisement for Junior Research Fellow (JRF) in Climate Change Department sponsored project**

#### **About IITRAM**

The Institute of Infrastructure, Technology, Research And Management (IITRAM) has been established by the Government of Gujarat as an Autonomous University and has been mandated to bring about significant change in Engineering Education with respect to Technical and Managerial knowledge in the area of Infrastructure.

The Institute offers Bachelor and Master of Technology programs in Civil Engineering, Mechanical Engineering Electrical Engineering, and Computer Science Engineering. The Institute also offers Ph.D. studies in various fields in Basic Sciences, Engineering, Humanities and Social Sciences.

The Institute is located at Khokhara Circle (Nearby), Maninagar (East), Ahmedabad, Gujarat, India – 380026.

IITRAM invites **online applications** for the following research position:

<b>Name of the Research Project</b>	Design and Development of a Carbon Capture Prototype for Sustainable Transport Sector
<b>Duration of the project</b>	36 Months (3 Years) or till completion of the project
<b>Name of the Investigators</b>	<p><u>Project Investigator (PI):</u></p> <p>Dr. Ajit Kumar Parwani, Associate Professor, Department of Mechanical and Aerospace Engineering IITRAM, Ahmedabad</p> <p><u>Co- Project Investigator (Co-PI):</u></p> <ol style="list-style-type: none"><li>1. Dr Dheeraj Kumar Singh, Associate Professor, Department of Physics &amp; Astrophysics, University of Delhi</li><li>2. Dr. Ravi Kashikar, Assistant Professor, Department of Basic Sciences, IITRAM, Ahmedabad</li></ol>

<b>Name of the Project Position</b>	Junior Research Fellow (01 Position)
<b>Place of Work</b>	IITRAM, Ahmedabad
<b>Stipend</b>	<ul style="list-style-type: none"> <li>• ₹37,000 per month for first two years as JRF</li> <li>• ₹42,000 per month, for next one year as SRF</li> </ul>
<b>Qualification</b>	<p>A candidate shall possess one of the following qualifications in the appropriate subject area:</p> <ul style="list-style-type: none"> <li>• <b>Basic Sciences (Physics/Chemistry/Materials):</b> <ul style="list-style-type: none"> <li>➤ Master's degree in Physics or Chemistry with First Class.</li> </ul> </li> <li>• <b>Engineering/Technology:</b> <ul style="list-style-type: none"> <li>➤ M.E./M.Tech. in Mechanical, Automobile, Materials or Chemical Engineering with First Class.</li> <li>➤ B.Tech. degree in a relevant discipline with a high CPI</li> <li>➤ Final-year M.E./M.Tech. candidates are also eligible to apply.</li> </ul> </li> <li>• <b>Preference will be given to GATE or NET qualified candidates.</b></li> </ul>
<b>Desirable Skills</b>	<ul style="list-style-type: none"> <li>• Basic proficiency of Simulation Softwares in science and engineering.</li> <li>• Basic knowledge of IC Engine fundamentals.</li> </ul>

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#### General Conditions/Instructions:

1. **How to apply:** Interested candidates must apply online through Institute's web-portal at [www.iitram.ac.in/career](http://www.iitram.ac.in/career) only. No other mode applications will be accepted.
2. The selected candidate will be appointed as a Junior Research Fellow (JRF) for the first two years and may be promoted to Senior Research Fellow (SRF) in the third year, based on performance assessment by experts. Selected candidates will also be eligible to register for Ph.D. at IITRAM, subject to fulfillment of institute norms and procedure.
3. Mere possessing the prescribed qualification does not ensure that the candidate would be called for interview. Candidates will be shortlisted for interview based on their CV, qualifications, experience and the need of the project.
4. Interviews of the shortlisted candidates will be conducted online/offline. Only shortlisted candidates will be communicated through website/email and/or phone for interview. No TA/DA and/or any incidental expenses will be provided for attending selection process.
5. All applicants must fulfill the essential requirements of the post and other conditions stipulated in the advertisement. They are advised to satisfy themselves before applying that they possess at least the essential qualifications laid down for the posts advertised. No enquiry asking for advice as to eligibility will be entertained.
6. Institute reserves the right to fill up the post, not to fill up the posts or cancel the advertisement in whole or partly without assigning any reason. The Institute also reserves the right to place a reasonable limit on the total number of candidates to be called for the

Interview. Mere fulfillment of essential qualifications per-se does not entitle a candidate to be called for Interview. The decision of the Institute in this regard shall be final.

7. Candidates are advised to mention their correct and active e-mail address in the application form, as all the correspondence like issuance of interview intimation or any other information will be communicated either through e-mail or Institute's website.
8. In case any discrepancy is detected in selection process, the Institute reserves the right to modify/withdraw/cancel any communication/s made to the candidate/s.
9. The position is purely temporary, and selected candidates shall not have right to claim any regular position at the end of the project duration.
10. Incomplete/wrongly filled application forms will be treated as invalid in the short-listing process.
11. Candidates should bring self-attested copies of the relevant certificates/testimonials along with the original certificates/documents at the time of the interview. The mode (online/offline) of the interview will be communicated later.
12. The Institute reserves the right to terminate the appointment at any time/stage before completion of the project period, if it so decides.
13. The candidates are required to work mainly for the success of the project.
14. No interim correspondence will be entertained.
15. Canvassing in any form will lead to disqualification.
16. **Last date of Application is 24/04/2026 at 18:00 Hrs. No applications will be accepted after specified due date.**
17. In case of any questions regarding the application, please e-mail at [ajitkumar.parwani@iitram.ac.in](mailto:ajitkumar.parwani@iitram.ac.in).

**Dr. Ajit Kumar Parwani (PI)**

Associate Professor

Department of Mechanical & Aerospace Engineering

Institute of Infrastructure, Technology, Research And Management (IITRAM)

Email: [ajitkumar.parwani@iitram.ac.in](mailto:ajitkumar.parwani@iitram.ac.in)

Contact No.: 70697-25966

18. Interested candidates are advised to visit the website of IITRAM (<https://iitram.ac.in/>) regularly for any updates, amendments and corrigendum. It will be placed on the Institute's website only.

Sd/-  
I/c. Registrar