



## 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.

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

No.: IITRAM/R&D/GSBTM/VR-MM/2025

Date: 22/04/2025

### **ADVERTISEMENT**

**(Last date of online application: 21/05/2025 up to 18:00 Hrs.)**

#### **APPLICATIONS FOR THE POST OF JUNIOR RESEARCH FELLOW**

Applications are invited from suitable candidates for a Research Position to work at Institute of Infrastructure, Technology, Research and Management (IITRAM), Ahmedabad, Gujarat on a Gujarat State Biotechnology Mission (GSBTM), Government of Gujarat, sponsored project bearing the sanction number No. GSBTM/RSS/e-file/30/2024/0021/05257864.

The project details, requisite qualification & experience etc. are given below:

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| <b>Title of the Project:</b>    | A Study on Improving Sustainability and Performance of Biostabilized Slopes and Pond Linings using Landfill Waste and Biowaste   |
| <b>Name of the position</b>     | Junior Research Fellow   |
| <b>CODE</b>                     | 202425_25  |
| <b>Vacancy</b>                  | One position   |
| <b>Emoluments (p.m.)</b>        | <p>Stipend of Rs. 31,000/- for the first two years and 35000/- thereafter + HRA of Rs 5000/- for the first two years and 5600/- thereafter during third year (HRA is subject to institute and funding agency norms) for the candidate fulfilling following criteria.</p> <ul style="list-style-type: none"><li>• M. Tech. / B. Tech. with first class (55% for SC/ST category and 60% for others)</li><li>• GATE qualification at some point of time</li></ul> <p style="text-align: center;"><b>OR</b></p> <p>Stipend of Rs. 23,213/- for the first two years and 27,300/- thereafter for the Non-GATE qualified candidates.</p> <p>If the candidate manages to clear the GATE examination subsequently, the fellowship/position may be revised subject to approval by evaluation committee and GSBTM, DST, Govt. of India.</p> <p>Hostel accommodation may be provided at the institute based on availability.</p> |
| <b>Essential Qualifications</b> | <p>M. Tech. in any specialization of Civil Engineering/ Environmental Engineering or equivalent, from the recognized university / Institute. The candidate should fulfill the following criteria.</p> <ul style="list-style-type: none"><li>• 60 % out of 100 (in the final year) OR 60 % out of 100 (aggregate percentage of all semesters) OR 6 CPI out of 10</li><li>• For SC/ST candidates, 55 % out of 100 (in the final year) OR 55 % out of 100 (aggregate percentage of all semesters) OR 6 CPI out of 10</li></ul> <p style="text-align: center;"><b>OR</b></p> <p>B. Tech. in Civil Engineering/ Environmental Engineering or equivalent,</p>  |

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|                               | <p>from the recognized university / Institute.</p> <ul style="list-style-type: none"> <li>• GATE qualified/High CPI is preferred</li> <li>• 60 % out of 100 (in the final year) OR 60 % out of 100 (aggregate percentage of all semesters) OR 6 CPI out of 10</li> <li>• For SC/ST candidates, 55 % out of 100 (in the final year) OR 55 % out of 100 (aggregate percentage of all semesters) OR 6 CPI out of 10</li> </ul> <p><b>Note:</b> The candidates who appeared in their final year exam &amp; awaiting their Graduate/Post Graduate degree certificate may also apply.</p> |
| <b>Desirable Skills</b>       | Experience with common engineering laboratory tests including soil, concrete and other civil engineering material testing, Ability to analyze and interpret engineering data, Skills for technical writing, Ability to learn and develop new skills.  |
| <b>Period of Appointment:</b> | 3 years or till the completion of the project, whichever is earlier, However, after every year, the progress of the candidate will be reviewed for further extension. The selected candidate will be encouraged to apply for the Ph.D. program of IITRAM as per eligibility and institute norms.  |
| <b>Job Description</b>        | Perform the research activity in line with the project stated in the subject line. The candidate is required to perform laboratory testing primarily related to geotechnical engineering and, to a lesser extent, environmental engineering. In addition, laboratory model tests must be conducted to assess seepage losses, cracking behavior, slope stability, and other characteristics of landfill-mined soil-like fractions stabilized with biowaste. Candidate shall also perform the academic duties as per the institute norms.   |
| <b>Sponsoring Agency</b>      | Gujarat State Biotechnology Mission, Government of Gujarat  |
| <b>PI/CO-PI</b>               | Dr. Veerabhadra Rotte / Dr. Mahesh Mungule  |

### **General Terms and Conditions:**

1. **Upper Age Limit:** 35 years as on the closing date of receipt of application. The upper age limit shall be relaxed to the candidates belonging to Scheduled Castes (SC), Scheduled Tribes (ST), OBC and Weaker Section (EWS) as per the Government of Gujarat Norms.
2. Only shortlisted candidates will be communicated through website / email for interview.
3. Interviews of the shortlisted candidates will be preferably conducted offline. The candidates are required to be available for interview at IITRAM at their own expenses (No TA/DA will be provided for attending the interview).
4. All applicants must fulfill the essential requirements of the post and other conditions stipulated in the advertisement. They are advised to satisfy themselves that they possess at least the essential qualifications laid down for the posts advertised, before applying.
5. Candidates will be shortlisted for interview based on their CV, qualifications, experience and the need of the project. 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 does not entitle a candidate to be called for Interview. The decision of the Institute in this regard shall be final.
6. Candidates are advised to mention their correct and active e-mail address in the application, as all the correspondence like issuance of interview intimation or any other information will be communicated either through e-mail or Institute's website.

7. The position is purely temporary, and selected candidates shall not have the right to claim any regular position at the institute at the end of the project duration.
8. In case of any questions regarding the application, please e-mail at [vmrotte@iitram.ac.in](mailto:vmrotte@iitram.ac.in) / [mareshmungule@iitram.ac.in](mailto:mareshmungule@iitram.ac.in).
9. Incomplete / wrongly filled application forms will be treated as invalid in the short-listing process.
10. Last date of Application is **21/05/2025 at 18:00 Hrs.**
11. **How to apply:** Candidates must apply online on the Institute's web-portal at [www.iitram.ac.in/career](http://www.iitram.ac.in/career) only.

**Important Note:**

The following documents shall be submitted in a single pdf file along with the online application form:

1. A one-page cover letter describing background and motivation.
2. Curriculum Vitae with complete qualification and experience details.
3. 10<sup>th</sup> Marksheet and certificate.
4. 12<sup>th</sup> Marksheet and certificate / Diploma marksheets and certificate.
5. B.E/ B. Tech degree marksheets of all semesters and degree certificate.
6. M. E. / M. Tech. degree marksheets of all semesters and degree certificate (if applicable).
7. GATE score card (if applicable).
8. Work experience, details of publications and any other relevant documents (if applicable).
9. Details of at least two references shall be stated in the curriculum vitae .

**There is no need to send hard copies of the documents. However, candidates need to show the original documents and submit self-attested copy of the documents at the time of the interview.**

**Contact Details:**

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| <p><b>Dr. Veerabhadrapa M. Rotte (PI)</b><br/> Assistant Professor<br/> Department of Civil Engineering<br/> Institute of Infrastructure Technology<br/> Research and Management (IITRAM)<br/> Ahmedabad, Gujarat.<br/> Email: <a href="mailto:vmrotte@iitram.ac.in">vmrotte@iitram.ac.in</a><br/> Mob.: 9423588628/8978949794</p> | <p><b>Dr. Mahesh Mungule (Co-PI)</b><br/> Associate Professor<br/> Department of Civil Engineering<br/> Institute of Infrastructure Technology Research and<br/> Management (IITRAM) Ahmedabad, Gujarat.<br/> Email: <a href="mailto:mareshmungule@iitram.ac.in">mareshmungule@iitram.ac.in</a><br/> Mob.: 8866035005</p> |
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Sd/-  
**Registrar**