



भारतीय प्रौद्योगिकी संस्थान गोवा  
INDIAN INSTITUTE OF TECHNOLOGY GOA  
OFFICE OF THE DoRD

No. DoRD/ADMIN/2021-22/0025

Date: 23.12.2021

**RECRUITMENT FOR JUNIOR RESEARCH FELLOW**

Applications are invited for the position of Junior Research Fellow under the Project titled “**Multiscale Modeling of Failure in Composites**” in the School of Mechanical Science, IIT Goa. The project is sponsored by Aeronautics Research & Development Board, Government of India.

<b>Nature of work</b>	Development of multiscale computational methods for predicting the failure in composite material. Expected to work majorly in area of finite element analysis/programming.
<b>No. of Position</b>	<b>One</b>
<b>Tenure of Appointment</b>	Initially for one year, further annual extension depending on performance and budget availability. The position is temporary and coterminous with the project.
<b>Eligibility</b>	<b>Essential qualification:</b> 1. M. Tech. in Design Engineering/Applied Mechanics/ Mechanical Engineering. 2. First Division or equivalent. 3. A GATE Qualification but valid GATE is not required. 4. Must possess a Programming Aptitude to implement and develop algorithms using MATLAB and Python. <b>Desirable Skills :</b> 1. Working knowledge of Finite Element Analysis. 2. Knowledge of Multiscale Simulations.
<b>Salary</b>	Rs.31,000/- P.M.(As per norms)
<b>DA</b>	Not be entitled to DA.
<b>HRA</b>	16 % as per the sanction order.
<b>Medical Benefits</b>	As per the Institute norms.
<b>Leave entitlements</b>	Casual leaves of 8 days per annum are available. If the JRF joins during the mid-year, CL would be calculated as per pro-rata basis.
<b>How to apply</b>	Interested candidates can fill the below form. <a href="https://docs.google.com/forms/d/14GVM70Be9tajXYY2-RtsbzuTxO4CJbyA0evb2dBbZ9k/edit?usp=sharing">https://docs.google.com/forms/d/14GVM70Be9tajXYY2-RtsbzuTxO4CJbyA0evb2dBbZ9k/edit?usp=sharing</a>
<b>Last Date of application</b>	02.01.2022,5:00 PM. (For any update regarding the last date of submission of application candidates have to visit <a href="https://iitgoa.ac.in/project-position/">https://iitgoa.ac.in/project-position/</a> )

**Additional Instructions:**

1. If the number of applications received in response to advertisement is large. The constituted selection committee may restrict the number of candidates to be called for interview to a reasonable limit of desirable qualification and /or on the record of academic performance and/or any other benchmark decided by a committee constituted to screen the applications. No communication will be entertained with candidates who are not called for Interview.
2. If the applicants have any questions, they can write to [res-staff-rect@iitgoa.ac.in](mailto:res-staff-rect@iitgoa.ac.in) and in the subject they have to mention the Institute Project Number “**2021/EMR/HS/024**”.
3. Informal inquiries via email may be made with PI- Dr. Harpreet Singh , Assistant Professor, School of Mechanical Science [harpreet@iitgoa.ac.in](mailto:harpreet@iitgoa.ac.in)

4. The appointment is purely temporary and will terminate automatically without any notice or compensation on termination of the research project.
5. The appointed person shall have no claim of appointment / absorption in funding Agency or in IIT Goa.
6. The qualification prescribed should have been obtained from recognized Universities / Institutions.
7. No TA/DA will be admissible for appearing for the interview.
8. Selected candidates will have to join in a reasonable time upon receipt of the offer.

**Sd/-**  
**Assistant Registrar (R&D)**