



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

No. DoRD/ADMIN/2021-22/014

Date: 06.08.2021

**RECRUITMENT FOR JUNIOR RESEARCH FELLOW**

Applications are invited for the position of JRF under the Project titled “**Coupling of Particle-based DEM and DSMC Techniques for Understanding Dusty Gas Flow Dynamics**” in the School of Mechanical Sciences, IIT Goa. The project is sponsored by Science and Engineering Research Board.

<b>Nature of work</b>	Computational work involving the coupling of the Discrete Element Method (DEM) and Direct Simulation Monte Carlo (DSMC) technique for solving problems of gas-solid flows.
<b>No. of Position</b>	<b>One</b>
<b>Duration of Appointment</b>	One year. Appointment may be extended for further six month based on performance
<b>Eligibility</b>	<b>Essential qualification:</b> - M.E/M. Tech in Mechanical Engineering/Aerospace Engineering/Applied Mechanics. - B.E/B. Tech in Mechanical Engineering/Aerospace Engineering. - Must have a valid GATE score. <b>Desirable:</b> -Exposure to FORTRAN and C/C++ programming languages, and MATLAB
<b>Salary</b>	Rs.31,000/- P.M. (as per norms)
<b>DA</b>	Not be entitled to DA.
<b>HRA</b>	As per the Govt. norms stationed at Goa
<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/e/1FAIpQLSd6uIVIPGjBUkiU5ahz9KWWOppLDUfB747zOW2YAAGYtBvQBA/viewform">https://docs.google.com/forms/d/e/1FAIpQLSd6uIVIPGjBUkiU5ahz9KWWOppLDUfB747zOW2YAAGYtBvQBA/viewform</a>
<b>Last Date of application</b>	21.08.2021,5:00 PM.

**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 “**2020/EMR/AB/016**”.
3. Informal inquiries via email may be made with Principal Investigator Dr. Ashish Bhateja, Assistant Professor, School of Mechanical Sciences: [ashish@iitgoa.ac.in](mailto:ashish@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 duty immediately on receipt of the offer.

Sd/-  
Officer In-Charge (R&D)