



## OFFICE OF THE DoRD

No. IITGOA/ DoRD/7/REC/2022

Date: 12.07.2022

## RECRUITMENT OF JUNIOR RESEARCH FELLOW

Applications are invited for the position of JRF under the Project titled “**Development of doubly conditional moment closure model for flame extinction/re-ignition and for partially premixed turbulent flames**” in the School of Mechanical Sciences, IIT Goa. The project is sponsored by Science and Engineering Research Board, Government of India.

<b>Nature of work</b>	The selected candidate will be working in the area of the development and implementation of CFD based combustion model algorithm for turbulent reacting flows. Expected to work in the area on both finite difference and finite volume methods.
<b>No. of Position</b>	<b>One</b>
<b>Duration of appointment</b>	Initially for a period of 1 year. Appointment may be extended for further based on the performance.
<b>Eligibility</b>	<p><b>Essential qualification:</b></p> <ul style="list-style-type: none"> <li>- Bachelors/Master’s degree in Mechanical or allied branches of engineering</li> <li>- First division or equivalent.</li> <li>- A GATE score.</li> <li>- Working experience in CFD projects</li> </ul> <p><b>Desirable:</b></p> <ul style="list-style-type: none"> <li>- Experience in numerical modeling with finite difference or finite volume method</li> <li>- Possess a good programming aptitude including algorithm development and implementation.</li> <li>- Exposure to Fortran or C or C++.</li> </ul>
<b>Salary</b>	Rs.31,000/- P.M.
<b>DA</b>	Not be entitled to DA.
<b>HRA</b>	As per funding agency norms.
<b>Medical Benefits</b>	As per the Institute norms.
<b>Leave entitlements</b>	As per norms
<b>How to apply</b>	Interested candidates can fill the below form. <a href="https://forms.gle/RNR2WMdejPC9yFKi8">https://forms.gle/RNR2WMdejPC9yFKi8</a>
<b>Last Date of application</b>	<del>27.07.2022, 5:00 PM</del> . 02.08.2022 , 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 “2022/EMR/RNR/030”.
3. Informal inquiries via email may be made with PI- Dr. Rudra Narayan Roy , School of Mechanical Sciences: [rudra@iitgoa.ac.in](mailto:rudra@iitgoa.ac.in)

4. The appointment is purely temporary and will terminate automatically without any notice or 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/-**  
**Sr. Superintendent (R&D)**