



OFFICE OF THE DoRD

No. IITGoa/DoRD/12/REC/2023

Date: 17.05.2023

RECRUITMENT FOR JUNIOR RESEARCH FELLOW

Applications are invited for the position of Junior Research Fellow to work under the project titled “Direct Combustion of Metal Fuels” in the School of Mechanical Sciences, IIT Goa. The project is sponsored by Science & Engineering Research Board (A statutory body of the Department of Science & Technology, Government of India).

<b>Nature of work</b>	Applications are invited for the post of Junior Research Fellow (JRF) in the School of Mechanical Sciences, IIT Goa for SERB CRG funded project titled ‘Direct combustion of metal fuels’. The project is affiliated with the CoE-combustion, which was established at IIT Goa with the focus on sustainable combustion and propulsion technologies. The nature of the work will be predominantly experimental. The research fellow will engage in activities such as literature review, design and commissioning of experimental setups, combustion experiments with metal powder fuels, data acquisition and analysis, and theoretical/ analytical modelling.
<b>No. of Position</b>	<b>One (1)</b>
<b>Duration of Appointment</b>	One year, with the option to extend further.
<b>Eligibility</b>	<b>Essential qualification:</b> 1. Master’s Degree in Mechanical or related branches. OR Bachelor’s degree in Mechanical or related branches 2. Qualified GATE SCORE in the relevant branches (Candidates with Bachelor’s degree must have a valid GATE Scorecard) <b>Desirable:</b> ➤ Experience in experimental techniques of thermal engineering, combustion, propulsion.
<b>Salary</b>	31,000/- PM
<b>DA</b>	Not to 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 the Institute norms
<b>How to apply</b>	Interested candidates can fill the below form. <a href="https://forms.gle/E4HT9Fxf2iEPfUx19">https://forms.gle/E4HT9Fxf2iEPfUx19</a>
<b>Last Date of application</b>	16 <sup>th</sup> June 2023, 5:00PM For any update regarding the last date of submission of application candidates must visit: <a href="https://iitgoa.ac.in/project-position/">https://iitgoa.ac.in/project-position/</a>

**General 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 selection 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 selection.

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 “**2023/EMR/AA/053**”.
3. Informal inquiries via email may be made with PI: Dr. Anirudha Ambekar, Assistant Professor, School of Mechanical Sciences : [anirudha@iitgoa.ac.in](mailto:anirudha@iitgoa.ac.in)
4. No TA/DA will be admissible for appearing for the selection process.
5. Selected candidates will have to join in a reasonable time upon receipt of the offer.

**Sd/-**  
**Sr. Superintendent (R&D)**