

OFFICE OF THE DoRD

No. IITGoa/DoRD/04/REC/2025

Date: 21.01.2025

ADVERTISEMENT 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 the Anusandhan National Research Foundation (ANRF)

<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 ANRF CRG funded project titled ‘Direct combustion of metal fuels’. The project is affiliated with CoE-Sustainable Energy, which was established at IIT Goa with a 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 modeling.
<b>No. of Position</b>	One (1)
<b>Duration of Appointment</b>	One year, with the option to extend further.
<b>Eligibility</b>	<b>Essential Qualifications:</b> 1. Master’s Degree/Bachelor’s degree in Mechanical or allied branches. 2. Qualified GATE SCORE in the relevant branches <b>Desirable Qualifications:</b> 1. Experience in experimental techniques of thermal engineering, combustion and propulsion.
<b>Basic Salary</b>	37,000/- Per Month.
<b>HRA</b>	As per funding agency norms.
<b>Medical Benefits</b>	As per the Institute’s norms.
<b>Leave entitlements</b>	As per the Institute's norms
<b>How to apply</b>	Interested candidates can fill out the below form. <a href="https://forms.gle/p3U2hQSEC8P4aw2q6">https://forms.gle/p3U2hQSEC8P4aw2q6</a>
<b>Last Date of application</b>	05.02.2025, 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 [anirudha@iitgoa.ac.in](mailto:anirudha@iitgoa.ac.in) email may be made with PI: Dr. Anirudha Ambekar, Assistant Professor, School of Mechanical Sciences:
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/-**  
**Assistant Registrar(R&D)**