



OFFICE OF THE DoRD

No. IITGoa/DoRD/08/REC/2023

Date: 12.04.2023

RECRUITMENT FOR JUNIOR RESEARCH FELLOW

Applications are invited for the position of Junior Research Fellow to work under the project titled “Insensitive high nitrogen binders for energetic applications” in the School of Mechanical Sciences, IIT Goa. The project is sponsored by Indian Space Research Organisation, Department of Space, Government of India.

Nature of work	The project requires an interdisciplinary approach. It involves designing and synthesizing organic molecules that can be used as a monomer for making nitrogen-enriched polymers for high-energy materials. These high-energy materials will be tested for their characteristics. JRF will receive training in organic synthesis, polymerization, and energetic material testing and applications.
No. of Position	One (1)
Duration of Appointment	One year, which will be extended further based on the performance.
Eligibility	<p><u>Essential qualification:</u></p> <ul style="list-style-type: none"> ➤ Graduate/Post graduate degree in Chemistry selected through a process described through any one of the following. <ul style="list-style-type: none"> a) Scholars who are selected through National Eligibility Test- CSIR-UGC NET including lectureship (Assistant Professorship) and GATE. b) The selection process through National level examinations conducted by Central Government Department and their Agencies and Institutions such as DST, DBT, DAE, DOS, DRDO, MHRD, ICAR, ICMR, IIT, IISc, IISER etc. <p><u>Desirable:</u></p> <ul style="list-style-type: none"> ➤ Research experience in Organic Synthesis, characterization and polymer chemistry
Salary	31,000/- PM
DA	Not to be entitled to DA.
HRA	As per funding agency norms.
Medical Benefits	As per the Institute norms.
Leave entitlements	As per the Institute norms
How to apply	Interested candidates can fill the below form. https://forms.gle/cDNVE5Fo9p4bBdEx5
Last Date of application	27th April 2023, 5:00PM 8 th May 2023, 5:00PM For any update regarding the last date of submission of application candidates must visit: https://iitgoa.ac.in/project-position/

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 and in the subject they have to mention the Institute project number "2023/EMR/AA/055".
3. Informal inquiries via email may be made with PI: Dr. Anirudha Ambekar, Assistant Professor, School of Mechanical Sciences : 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)