

OFFICE OF THE DoRD

No. IITGoa/DoRD/10/REC/2025

Date: 01.05.2025

ADVERTISEMENT FOR JUNIOR RESEARCH FELLOW

Applications are invited for the position of Junior Research Fellow to work under the project titled “Development of inversion techniques for Satellite based retrieval of trace and green-house gases” in the School of Mechanical Sciences, IIT Goa. The project is sponsored by the Indian Space Research Organization, Department of Space, Government of India.

Nature of work	The selected candidate will be working on developing an algorithm to retrieve concentration of trace gases from satellite data. He/She will be using LibRadTran software to calculate the radiative fluxes. Prior experience in code development is desirable.
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"> ➤ Masters / Bachelor's degree or equivalent in Mechanical engineering or allied branches, Atmospheric science, and remote sensing. ➤ Qualified GATE or equivalent National level examination score in the relevant branches <p><u>Desirable:</u></p> <ul style="list-style-type: none"> ➤ Prior experience in Code development ➤ Fundamentals of radiative heat transfer
Salary	37,000/- per month.
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 out the form below. https://forms.gle/cp3ir42NWkh24KWy9
Last date of application	16.05.2025 5:00 PM 30.05.2025 5:00 PM For any update regarding the last date of submission of the 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 “**2025/EMR/VKP/073**”.
3. Informal inquiries via email may be made with PI: Dr. Ponnulakshmi V K, Assistant Professor, School of Mechanical Sciences: ponnu@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/-
Assistant Registrar (R&D)