



OFFICE OF THE DoRD

No. IITGoa/DoRD/024/REC/2025

Date: 10.10.2025

ADVERTISEMENT FOR SENIOR RESEARCH FELLOW

Applications are invited for the position of Senior Research Fellow (SRF) to work under the project titled “Discontinuous Galerkin finite element analysis of the coupled time-dependent Navier-Stokes and Darcy problem” in the School of Mathematics and Computer Science, IIT Goa. The project is sponsored by the Anusandhan National Research Foundation (ANRF).

Nature of work	The selected candidate will be responsible for developing a finite element analysis of the discontinuous Galerkin finite element methods for the coupled time-dependent Navier-Stokes and Darcy problem. He/She will conduct simulations using Python/C++-based software, including FreeFem++ and FEniCS, on high-performance computing (HPC) systems.
No. of Position	One (1)
Duration of Appointment	Initially, for a period of 6 months. It may be further extended based on the performance and the availability of funding.
Eligibility	<p>Essential qualification:</p> <ul style="list-style-type: none"> -M. Sc. (Mathematics) with CGPA above 6.5. -Must have qualified GATE/CSIR/UGC-NET in Mathematics. -Two years of teaching or research experience relevant to the stream <p>Desirable:</p> <ul style="list-style-type: none"> - MATLAB/Python/C++ Programming
Salary	42,000/- 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 eligible candidates can apply by filling out the form below with relevant details. https://forms.gle/hSaSyuWATkFaffQ36
Last Date of Application	24.10.2025, 05:00 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 an 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 an Interview.
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 “2024/EMR/SB/071”.
3. Informal inquiries via saumya@iitgoa.ac.in email may be made with PI: Dr Saumya Bajpai, Associate Professor, School of Mathematics and Computer Science

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 a funding agency or in IIT Goa.
6. The qualification prescribed should have been obtained from recognised Universities / Institutions.
7. No TA/DA will be admissible for appearing for the interview.
8. Selected candidates will have to join within a reasonable time upon receipt of the offer.

Sd/-
Assistant Registrar (R&D)