



भारतीय प्रौद्योगिकी संस्थान गोवा  
INDIAN INSTITUTE OF TECHNOLOGY GOA  
OFFICE OF THE DoRD

No. DoRD/ADMIN/2021-22/013

Date: 17.09.2021

**RECRUITMENT OF PROJECT ASSOCIATE-I**

Applications are invited for the position of Project Associate-I to work for the project titled “**A multiscale modeling framework for fluid-poroelastic structure interaction**”, in the School of Mechanical Sciences, IIT Goa. The project is sponsored by Science and Engineering Research Board (SERB).

<b>Nature of work</b>	The selected candidate will be performing numerical simulations of fluid flows interacting with elastic and poroelastic structures. He/she will also be developing mathematical models to describe such interactions and writing computational codes in C++/python.
<b>No. of Position</b>	<b>One</b>
<b>Duration of Appointment *</b>	One year. Appointment may be extended for further based on performance.
<b>Eligibility</b>	<b>Essential qualification:</b> - Bachelors/Master's degree in Mechanical or allied branches of engineering. - Knowledge of finite volume or finite element methods. - Exposure to programming FVM/FEM methods with C++ or python. <b>Desirable:</b> - Working experience in simulating multiscale or multiphysics problems. - Knowledge of continuum mechanics.
<b>Salary</b>	(I) 31,000/- + HRA to Scholars who are selected through <b>(a)</b> National Eligibility Test- CSIR-UGC NET including lectureship (Assistant Professor) Or GATE or <b>(b)</b> A selection process through National level examinations conducted by Central Government Departments and their Agencies and Institutions. (II) 25,000/- + HRA for others who do not fall under (I) above.
<b>DA</b>	Not be entitled to DA.
<b>HRA</b>	As per the Govt. norms stationed at Goa.
<b>Medical Benefits</b>	As per the Institute norms.
<b>Leave entitlements</b>	Casual leaves of 8 days per annum are available. If the PA-I joins during the mid-year, CL would be calculated as per pro-rata basis.
<b>How to apply</b>	Interested candidates can fill the below form. <a href="https://forms.gle/6KCmePTJGnDRY5qw8">https://forms.gle/6KCmePTJGnDRY5qw8</a>
<b>Last Date of application</b>	01.10.2021,05.00 PM.

\* Continuation of fellowship dependent on satisfactory academic performance at all stages. After successful completion of 1 year, candidate tenure may be extended based on the performance and recommendation by appropriate committee.

**Additional 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 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 Interview.
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 “**2018/F/SY/002**”.
3. Informal inquiries via email may be made with PI- Dr.Sudhakar Yogaraj, Assistant Professor, School of Mechanical Sciences: [sudhakar@iitgoa.ac.in](mailto:sudhakar@iitgoa.ac.in)

4. The appointment is purely temporary and will terminate automatically without any notice or compensation on termination of the research project.
5. The appointed person shall have no claim of appointment / absorption in funding Agency or in IIT Goa.
6. The qualification prescribed should have been obtained from recognized Universities / Institutions.
7. No TA/DA will be admissible for appearing for the interview.
8. Selected candidates will have to join in a reasonable time upon receipt of the offer.

**Sd/-  
Officer In-Charge (R&D)**