



OFFICE OF THE DoRD

No. IITGoa/DoRD/11/REC/2023

Date: 15.05.2023

RECRUITMENT FOR JUNIOR RESEARCH FELLOW

Applications are invited for the position of Junior Research Fellow to work under the project titled “Development of coupled fluid-particle dynamics code for application in continuous air monitoring” in the School of Mechanical Sciences, IIT Goa. The project is sponsored by Board of Research in Nuclear Sciences (BRNS), Department of Atomic Energy (DAE), Government of India.

<b>Nature of work</b>	This work is predominantly numerical in nature. The researcher is expected to develop a CFD framework to perform numerical investigation for the transport of aerosol particles in a workplace environment. Experiments may be designed toward the later stage of the project. Prior experience in CFD simulations and code development is desirable. The project will be carried out in collaboration with a research group at Bhabha Atomic Research Centre.
<b>No. of Position</b>	One (1)
<b>Duration of Appointment</b>	One year, with the option to extend further.
<b>Eligibility</b>	<p><b>Essential qualification:</b></p> <ul style="list-style-type: none"> <li>➤ M.E/M.Tech in Mechanical engineering, Chemical Engineering, and other allied branches.</li> <li>➤ Exceptional candidates with B.E/B. Tech from the same branches may also be considered</li> <li>➤ Qualified GATE SCORE in the relevant streams (Candidates with B.E/B.Tech degree must have a valid GATE Scorecard)</li> </ul> <p><b>Desirable:</b></p> <ul style="list-style-type: none"> <li>➤ Experience in CFD, Openfoam, Aerosol Modeling.</li> <li>➤ Basic understanding of coupled CFD modelling</li> </ul>
<b>Salary</b>	Rs. 31,000/-
<b>DA</b>	Not to be entitled to DA.
<b>HRA</b>	As per funding agency norms.
<b>Medical Benefits</b>	As per the Institute norms.
<b>Leave entitlements</b>	As per the Institute norms
<b>How to apply</b>	Interested candidates can fill the below form. <a href="https://forms.gle/PDEy8Un45dfeYWUP6">https://forms.gle/PDEy8Un45dfeYWUP6</a>
<b>Last Date of application</b>	<del>14 June 2023</del> , <del>23<sup>rd</sup> June 2023</del> , 30 June 2023 , 05:00 PM 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 “**2022/EMR/TT/046**”.
3. Informal inquiries via email may be made with PI: Dr. Thaseem Thajudeen, Assistant Professor, School of Mechanical Sciences : [thaseem@iitgoa.ac.in](mailto:thaseem@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)**