



OFFICE OF THE DoRD

No. IITGOA/DoRD/09/REC/2024

Date: 29.07.2024

ADVERTISEMENT FOR JUNIOR RESEARCH FELLOW

Applications are invited for the position of Junior Research Fellow to work under the project titled “Multiscale modeling of composite translaminal fracture accounting for complex crack trajectories” in the School of Mechanical Sciences, IIT Goa. The project is sponsored by the Science and Engineering Research Board, Government of India.

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| Nature of work | Development of phase field based multiscale computational methods for predicting the failure in composite material. Expected to work majorly in area of finite element analysis/programming. |
| 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.Tech in Design Engineering /Applied Mechanics /Mechanical / Aerospace with first division or equivalent. ➤ Exceptional candidates with B.E/B. Tech from the same branches may also be considered. ➤ Qualified GATE SCORE in the relevant streams (Candidates with B.E/B.Tech degree must have a valid GATE Scorecard) ➤ Must possess a programming aptitude to develop and implement algorithms using MATLAB or Python <p>Desirable:</p> <ul style="list-style-type: none"> ➤ Working knowledge of finite element analysis |
| Salary | 37,000/- Per Month. |
| 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's norms |
| How to apply | Interested eligible candidates can apply by filling out the form below with relevant details. https://docs.google.com/forms/d/1j8QX7RJ4exEX541VH_7OktT2UJgMUSXbOGILOESloVg |
| Last Date of application | 12 August 2024, 05:00 PM 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 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/HS/069**”.

3. Informal inquiries via email harpreet@iitgoa.ac.in may be made with PI: Dr. Harpreet Singh, Assistant Professor, School of Mechanical Sciences.
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 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/-
Assistant Registrar (R&D)