भारतीय प्रौद्योगिकी संस्थान हैदराबाद
Indian Institute of Technology Hyderabad

Department of Civil Engineering
Indian Institute of Technology Hyderabad
Kandi, Sangareddy – 502284, Telangana, India

Advertisement for the post of SRF in the Department of Civil Engineering, IIT Hyderabad

20th March 2024

Applications are invited from eligible candidates having basic knowledge and skills to work on the research project titled, '*Phase-field approach to modeling damage in composites*' in a purely time-bound manner undertaken in the Department of Civil Engineering, IIT Hyderabad. Details are as follows:

Name of the Post	Senior Research Fellow (SRF)
Number of Vacancies	1
Title of the research project	Phase-field approach to modeling damage in composites
Job Description	Deriving the finite element formulation for fracture, delamination, microstructure evolution and implementing it in ABAQUS/LS-DYNA/MATLAB
Sponsoring Agency	DRDO
Salary	INR 42,000 per month + HRA as per GOI norms
Qualifications Essential	1. M.E/M. Tech in Structural / Aerospace / Applied Mechanics with 8 CGPA or equivalent and above. 2. 1+ years' experience in FEM analysis/Numerical Modeling/FEM programing
Qualifications Desirable	1. Proficiency in programming the Fem using MATLAB/FORTRAN/C/C++ 2. Proficiency in use of commercial packages like ABAQUS/LS-DYNA

Eligible applicants should send the following documents via email to **rajagopal@ce.iith.ac.in** with the subject as "**Application for the post of SRF in DRDO Project**" strictly on or before **31th March 2024 by 5:00 PM**:

1. Latest CV with photograph.
2. Scanned copy of degree certificates and grade sheets/ transcripts for both B.Tech and M.Tech.
3. Brief description of projects undertaken in the past or M.Tech thesis or Papers published in Journals.

The Candidates will be shortlisted for an interview based on their merit and skills required for the project and the same will be informed via email.

Shortlisted candidates will be called for a written test followed by an interview. The tentative date of interview is 5th April 2024. The selected candidates are expected to join immediately. On-campus accommodation at IIT Hyderabad is subject to availability at the time of appointment. HRA will not be paid if on-campus accommodation is available.

For any queries, please contact the PI of the project:

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