



**DEPARTMENT OF MECHANICAL AND INDUSTRIAL ENGINEERING
INDIAN INSTITUTE OF TECHNOLOGY ROORKEE**

Advt. No. IITR MIED/PDF, Dated: 04-11-2022

Advertisement for Post-Doctoral Fellowship Position

Department of Mechanical and Industrial Engineering at the Indian Institute of Technology (IIT) Roorkee invites applications from outstanding and enthusiastic researchers for post-doctoral fellowship (PDF) under the mentorship of Prof. Indra Vir Singh (https://www.iitr.ac.in/~ME/Indra_Vir_Singh), focused on “Development of an Efficient Multiscale Framework for Analyzing Multi-Physical Failure Mechanisms in Photovoltaic Solar Cell Modules”.

The prospective candidate is expected to have a strong background in finite element and/or other recent discretization methods such as XFEM, SBFEM to name a few. Candidate should have good programming skills, and experience in developing finite element program. Candidate should have good writing and communication skills. Apart from research, the candidate may be entrusted with other academic responsibilities as per the institute rule.

Last date for submission of application is November 25, 2022

Minimum Qualification and Experience. The prospective candidate should have PhD in mechanical engineering and related engineering disciplines from a premier Institute/University with a consistent good academic record. Candidates who have recently submitted their doctoral thesis are also eligible to apply subject to the condition that they will furnish the proof of award of Ph.D. degree at the time of interview.

Duration and Fellowship amount. The duration of the fellowship will be one year and seven months, extendable by one year. The candidate is expected to join the Department as soon as offer letter is released. The fellow will receive a consolidated fellowship of Rs. 55,000/- per month, in addition a contingency grant of Rs. 50,000/- per annum.

How to Apply. Candidates can apply with cover letter, curriculum vitae, list of publications, research statement describing past research by e-mail to: Head, Department of Mechanical and Industrial Engineering, Indian Institute of Technology Roorkee, Roorkee –247667, India.

Email: head@me.iitr.ac.in (and copy to ivsingh@me.iitr.ac.in and ivsingh@gmail.com);

Phone (office): +91-1332-285242.

Notes:

- All the postdoctoral fellows (PDF) will be registered as IIT Roorkee students for availing the facilities of accommodation, hospital, medical insurance scheme, computer center, library, sports, etc. They will also be governed by the leave rules as applicable to the post graduate students.

HEAD, Department of Mechanical and Industrial Engineering

विभागाध्यक्ष, यांत्रिक एवं औद्योगिकी अभि० विभाग
Head, M. & I.E. Deptt.
भारतीय प्रौद्योगिकी संस्थान, रुड़की
Indian Institute of Technology Roorkee

[Signature]
4/11/2022