



संस्थापन सेवाएं (भर्ती)/Establishment Services (Recruitment)
भारतीय प्रौद्योगिकी संस्थान रुड़की/Indian Institute of Technology Roorkee
रुड़की /Roorkee 247667 (उत्तराखण्ड /Uttarakhand)
Tel : 01332- 284563

No. IITR/Rect.Cell-I/ 11015 /E-5001(201)

Dated: May 08, 2026

Prof. Rajib Chowdhury,
Department of Civil Engineering

Subject: Post-Doctoral Fellow Position.

With reference to your email dated 05.05.2026, on the subject cited above, I am directed to inform you that one position of Post Doctoral Fellow (PDF) to work under your mentorship on the project "**BioShockNet: Blast-Induced Organ Shock Homogenisation and Kinetic Network-a staged computational framework for multiscale blast biomechanics, reduced auxetic shock representation, and probabilistic visceral injury prediction**" has been approved with under mentioned qualification.

Qualifications:

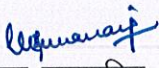
Essential Qualification:

- PhD degree awarded (or thesis submitted) from a recognised university; degree in Civil, Mechanical, Aerospace, or Applied Mechanics.
- Age \leq 35 years at time of application (relaxations applicable per norms)
- At least 03 first-author publication in a peer-reviewed Web-of-Science journal in computational mechanics, biomechanics, or related area.
- Willingness to be based at IIT Roorkee for the full 24-month duration.

Desirable (Non-Mandatory) Qualifications:

- Strong hold in programming in the domain of computational mechanics.
- Working knowledge in FEniCS and ANSYS/LS-Dyna/Abaqus
- Experience with GitHub/Zenodo for open-data and code release; Docker/Singularity for reproducible HPC environments; HDF5 data archiving
- Understanding in Medical Image Processing.

The process for appointment of PDF may be completed as per the guidelines notified vide notification No. IITR/Rect.Cell-I/10024/E-5001 dated 21.01.2025.


सहायक कुलसचिव (भर्ती-I)
Assistant Registrar (Rect.-I)

प्रतिलिपि / Copy to:

Head, Department of Civil Engineering