

SRIC/06

INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE
(Department of Physics)

Dated: 20.9.2024

ADVERTISEMENT TO FILL UP PROJECT POSITIONS*

Applications are invited from Indian nationals only for project position(s) as per the details given below for the consultancy/research project(s) under the Principal investigator (Name: **Prof. Puneet Jain**), Dept. of **Physics**, Indian Institute of Technology, Roorkee.

1. Title of project: Development of PIC code to study beam dynamics in a re-circulating type RF accelerator
2. Sponsor of the project: Board of Research in Nuclear Sciences, Department of Atomic Energy, Govt. of India
3. Project position(s) and number: Junior Research Fellow, 01 (One)
4. Qualifications: First class B.E./B.Tech/M.Sc. in Engineering Physics/ Physics/ Electronics/ Computer Science/ Electrical Engineering with a valid NET/ GATE.
5. Emoluments: INR 37,000 per month
6. Duration: One year **OR** till the end of the project subject to the satisfactory performance
7. Job description: The selected candidate will work on developing a particle-in-cell code in C/C++ for charged particle beam dynamics study in a re-circulating RF accelerator using GPU computing.

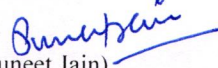
1. Candidates before appearing for the interview shall ensure that they are eligible for the position they intend to apply.
2. Candidates desiring to appear for the Interview should submit their applications with the following documents to the office of Principal Investigator through email, by post or produce at the time of Interview:
 - Application in a plain paper with detailed CV including chronological discipline of degree/certificates obtained.
 - Experience including research, industrial field and others.
 - Attested copies of degree/certificate and experience certificate.
3. Candidate shall bring along with them the original degree(s)/certificate(s) and experience certificate(s) at the time of interview for verification.
4. Preference will be given to SC/ST candidates on equal qualifications and experience.
5. Please note that no TA/DA is admissible for attending the interview.

The selected candidate may get an opportunity for PhD admission.

The last date for the application to be submitted to the Principal Investigator (via email) is 04-October-2024 by 5 PM. The interview will be held at 3:00 PM on 08-October-2024 over Webex (online mode).

Tel: 01332-284787

Email: puneet.jain@ph.iitr.ac.in


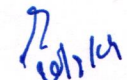


(Puneet Jain)
Principal Investigator

Copy to:

1. Dean SRIC, IIT Roorkee
2. All Head of Departments and Centers
3. All concerned institutes in India
4. All Notice Boards, IIT Roorkee
5. Head, IIT Roorkee, Employment Bureau
6. Head Computer Center, (with a request for advertisement at Institute website)
7. Librarian, Central Library, IIT Roorkee

Approved


डीन (सिक)/(Dean SRIC) 20/9/24.
भा.प्रौ.सं.रूड़की/IIT Roorkee


20/09/2024

20/9/24

20/9/24