

research@ph.iitr.ac.in

Advertisement for Research Assistant Position in the project DST-

**SRIC/06**

**INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE**  
Department of Physics

Dated: 15/02/2021

**ADVERTISEMENT TO FILL UP PROJECT POSITIONS\***

Applications are invited from Indian nationals only for project position as per the details given below for research project under the Principal investigator Prof. Rajesh Kumar, Department of Physics, Indian Institute of Technology, Roorkee.

1. Title of project : Energy-efficient reconfigurable silicon photonic integrated devices and circuits for optical interconnects (ERSPIC)
2. Sponsor of the project : DST (BRICS STI)
3. Project position(s) and number: **Research Assistant, 01**  
Qualifications: **Essential:** (a) Undergraduate degree in Science/Engineering/Technology (b) Experience in labview programming and automation of scientific equipments/Strong programming skills in C++/Java/HTML  
**Desirable:** Familiarity with operation of optical equipments like lasers and power monitors etc.
4. Emoluments : Rs. 22 000 (Twenty Two Thousands Per month) - Consolidated
5. Duration : One Year and Eight Months
6. Job description : (i) Performing measurements on photonic chips (ii) Automation of measurements set-ups and devices (iii) Website development (iv) Assistance in report writing of research work

1. Candidates before appearing for the interview shall ensure that they are eligible for the position they intend to apply.

- Candidates desiring to appear for the Interview should submit their application to Principal Investigator **through email in a single pdf file** containing all relevant documents including detailed CV, copies of degrees/certificates in chronological order; experience certificates including that of research, industrial field and others.

2. All the documents must be self-attested by the candidate.
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 last date for application to be submitted to Principal Investigator by email is 31<sup>st</sup> March 2021 by 5 PM.

Tel:01332-28-4869

Email: [rajesh.kumar@ph.iitr.ac.in](mailto:rajesh.kumar@ph.iitr.ac.in)

Name and signature: Rajesh Kumar  
of Principal Investigator

\*To be uploaded on IIT Roorkee website and copy may be sent to appropriate addresses by PI for wider circulation.

Approved

Mamish

15/02/2021  
Principal Investigator (SRIC)

Sukham  
19/02/2021

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15/2/21