



## Indian Institute of Technology Ropar

Rupnagar, Punjab – 140 001, India,

website: <https://www.iitrpr.ac.in> | Phone: +91-1881-227078 | Fax: +91-1881-223395

### Call for the recruitment of a JRF / RA for a CSIR funded Project

Ref. No. CSIR/03(1353)/16/EMR-II

The Division of Nuclear and Particle Physics – Department of Physics at IIT Ropar is searching for a young researcher (JRF/RA) to work on a CSIR funded project, entitled; **“Onset and strength of Massive Transfer Events in Low Energy Heavy Ion Reactions”**, ref. no. CSIR/03(1353)/16/EMR-II. The experiments related to this project will be carried out at the Inter-University Accelerator Centre, New Delhi and/or at the Tata Institute of Fundamental Research, Mumbai. The project staff will be involved in planning and execution of nuclear reaction experiments.

1. **Area of Research:** Nuclear Reactions around the Coulomb barrier
2. **Fellowship:** JRF: Rs. 25,000, RA: Rs. 36,000. Besides the fellowship, project staff will be entitled to a monthly HRA and a contingent grant as per the institute rules.
3. **Who can apply?**
  - a. We expect you to have a master degree in Physics or equivalent with 55%, commitment to pursue research in the subject area. The candidate(s) must have studied courses on Quantum Mechanics and Nuclear & Particle Physics.
  - b. **Junior Research Fellow (JRF):** JRF candidates must have a valid CSIR-UGC (NET with or without JRF) certificate or a GATE score in Physical Sciences in addition to the qualification mentioned in point 'a'. Age limit 28 years.
  - c. **Research Associate (RA):** RA candidates must have a PhD degree in Experimental Nuclear Physics. Age limit 35 years.
  - d. Desirable: working knowledge of C++ language and ROOT package.
  - e. Mobility: JRF/RA on this position is expected to travel for experiments, conferences/meetings and collaborative discussions within India and abroad.

### How to apply?

Interested candidates should email a short CV and arrange to send a letter of recommendation directly to the PI of this project on [pps@iitrpr.ac.in](mailto:pps@iitrpr.ac.in) by **March 05, 2017**. Shortlisted candidates will be called for interview. No TA/DA will be given for attending the interview.

[Last date for Application: March 05, 2017](#)



DEPARTMENT OF  
PHYSICS  
**IIT ROPAR**

### Principal Investigator (PI):

Dr. Pushpendra P. Singh

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INDIAN INSTITUTE OF TECHNOLOGY ROPAR  
Department of PHYSICS

APPLICATION FORM  
Call for the recruitment of a JRF / RA for a CSIR funded Project  
Ref. No. CSIR/03(1353)/16/EMR-II

Personal Details

Full Name (In Capital)				Affix Recent Passport Size Photo
Date of Birth (DD/MM/YY)		Gender (Male/Female)		
Marital Status (Married/Unmarried)		Nationality		
Address for Communication		Permanent Address		
Mobile/Phone no.		E-mail		

Education Background (From Matriculation Onward)

S. No.	Degree	Board / University	Regular/ Part time	Year	Division	% Marks /CGPA

Qualifying Examination (GATE/CSIR/UGC/NET/Others)

S. No.	Qualifying Examination	Branch	Year	Valid up to	Percentile	All India Rank	Any other information

**Professional Experience (if any)**

S. No.	Designation	Name of Organization	Period		Nature of Work
			From	To	

Research Publication (if any)

Awards, patents, prizes etc (if any)

Any other Relevant Information which is not covered above

**DECLARATION**

I hereby declare that I have carefully read the instructions and particulars supplied to me and that the entries made in this application form are correct to the best of my knowledge and belief. If selected, I promise to abide by the rules and discipline of the Institute.

I note that the decision of the Institute is final in regard to selection. The Institute shall have the right to expel me from the Institute at any time after my selection, provided it is found that I was admitted on false particulars furnished by me or my antecedents prove that my continuance in the Institute is not desirable. I agree that I shall abide by the decision of the Institute, which shall be final.

Place: .....

Date: .....

Signature of Applicant