



भारतीय प्रौद्योगिकी संस्थान रोपड़

रूपनगर – 140 001, पंजाब, भारत

INDIAN INSTITUTE OF TECHNOLOGY ROPAR

Rupnagar, Punjab – 140 001, India

Call for INSTITUTE POST DOCTORAL FELLOW (PDF) / Department of Physics

Title of the Project: *Investigation of multinucleon transfer, quasi-fission, fusion processes in reactions with heavy ions near and above the Coulomb barrier*

Division of Nuclear Physics is looking for a **PostDoc** for a duration of 3 years in the domain of **Low Energy Nuclear Reactions**. Selected candidate will be working in the experimental and theoretical aspects of nuclear reactions.

Fellowship: As per the institute postdoctoral fellowship (Rs. 40,000/- before PhD viva, Rs. 45,000/- to Rs. 55,000/- after completion of viva and depending upon the experience and qualification).

Who can apply?

- Candidates with Ph.D. degree in the domain of Low Energy Nuclear Reactions and Instrumentation are eligible to apply within five years after completion of their Ph.D.
- Candidates who have submitted the thesis are also eligible. However, in case of selection, selected candidate has to complete the formalities of Ph.D. viva within three months from the date of joining.
- Candidates completed Ph.D. under the supervision/co-supervision of IIT Ropar faculty can only apply after 3 years of their Ph.D.
- Candidate should have published their research in the journals of international repute and must have good communication and technical writing skills in English.

General Information

Only short-listed candidates will be called for interview (offline/online). No TA/DA will be given to candidates for attending the interview.

How to apply?

Applications/CV with copy of educational qualifications, two recommendation letters, and any experience certificate should be send as a single pdf file to pps@iitrpr.ac.in or by post directly to the undersigned.

Last date for Application: 29 January 2021

Dr. Pushpendra P. Singh

#103 TC – 1, Admin Block | Department of Physics

Indian Institute of Technology Ropar, Rupnagar – 140 001, Punjab, India

APPLICATION FORM

INSTITUTE POST DOCTORAL FELLOWSHIP (PDF)

Department of Physics



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If PhD degree not awarded, please give whichever applicable:

Date of thesis submission:

Likely date of submission: (in case not submitted yet)

Title of Thesis

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Specialization, in terms of Broad Area of Specialization and Exact Area of Specialization:

| (a) Subject | (b) Broad Area of Specialization | Exact Area of Specialization |
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Publications and Patents: (Please attach list of publications and patents with full references and reprints or photocopies bearing serial numbers corresponding with those in the list)

(a) No. of Papers (i) Published (ii) Accepted

(b) No. of Books published

(c) No. of patents: (i) Filed: (ii) Granted

Prizes, Honours, Awards, Distinctions, if any:

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Fellowships held:

| Name of fellowship | Name of the sponsoring agency | Date | | Amount | Name of the Host Institute |
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Give details of employment, if any

| Sr. No. | Name of the Organization | Designation | Period | | Nature of Work |
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Title of proposed Research and Development Project:

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(Describe in detail, on a separate sheet, the Research or Development Project you would like to pursue, along with year-wise plan of work for at least two years. The project should be made in consultation with the mentor with whom you propose to work)

List of Enclosures: (Please tick)

1. Proof of thesis submission. ☐
2. List of Publications. ☐
3. Plan of work at IIT Ropar (2 A4 pages max). ☐
4. Recommendation letter 1 (from PhD Supervisor). ☐
5. Recommendation letter 2. ☐

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 for admission, I promise to abide by the rules and discipline of the Institute.



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I note that the decision of the Institute is final with regard to selection for admission and assignment to a particular Department and field of study/research. The Institute shall have the right to expel me from the Institute at any time after my admission, provided it is satisfied 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 the Candidate