

INDIAN INSTITUTE OF TECHNOLOGY ROPAR

ADVERTISEMENT

Walk-in interview will be conducted at the Department of Physics, IIT Ropar on 13th Dec-2018, along with the candidates shortlisted in response to the regular advertisement dated 8 October 2018, for the Indian nationals to work as a **Junior Research Fellow (JRF)** in a research project funded by Science and Engineering Research Board (SERB), Department of Science and Technology (DST), Government of India.

Title of the Research Project: *Theoretical investigation of the multi-component condensates at zero and finite temperatures*

Brief description of the project: The main objective of the the project is to study the multi-component condensates, especially spinor and dipolar condensates, at finite temperatures using HFB formalism with Popov approximation and Stochastic coupled Gross-Pitaevskii equation, and will involve the developement of the numerical tools to acheive the objective.

Duration: 3 years or till the completion of the project, whichever is earlier.

Qualifications: M.Sc. in Physics with at least 6.5 CGPA on a 10 point scale or 60% marks and having qualified either of the NET (CSIR/UGC) or GATE.

Emoluments: As per DST rules.

I & II year - Rs 25000/- p.m. + 10% HRA

III year - Rs 28000/- p.m. + 10% HRA

General Terms and conditions:

1. The position is temporary which will be renewed every year subject to the satisfactory performance. Candidate selected for this position may be considered for the regular PhD program provided he/she qualifies the eligibility criterion for PhD program at IIT Ropar.
2. Original documents of mark sheets/degrees/certificates/age proof and other testimonials must be presented at the time of interview.
3. No TA/DA will be given to candidates attending the interview.
4. Candidates should be present in the transit campus of the IIT Ropar from 9:30 a.m. onwards on the date of interview.

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