

Advertisement for the position of Junior Research Fellow (JRF) within SERB funded research project at Department of Physics, IISER Bhopal

Advertise number: ADV-SERB/PHY/2016067-JRF

Date: 12 May 2017

Applications are invited from motivated individuals for a research position in theoretical and computational condensed matter physics under the supervision of Dr. Nirmal Ganguli within SERB funded project number ECR/2016/001004, as detailed below:

1. **Project title:** Magnetism and spin-orbit interaction at complex oxide interfaces for technology: An *ab initio* investigation.
2. **Position:** Junior Research Fellow (JRF); ONE position.
3. **Fellowship:** ₹ 25,000 per month.
4. **Eligibility:**
Essential: Master degree (M.Sc. or M.Tech. or equivalent) in Physics with marks $\geq 60\%$ or a CGPA ≥ 7 is required. Additionally, a valid qualification of GATE/CSIR-JRF/UGC-JRF/JEST/INSPIRE-PhD or any other national level PhD entrance test or fellowship is essential. However, the latter requirement may be relaxed in case of an extra-ordinary candidate with a reduced fellowship as per applicable rules.
Desirable: A solid foundation in condensed matter physics, quantum mechanics, and computer programming.
5. **Duration:** The initial offer will be for one year that may be extended, based on performance and mutual interest. **Note:** The candidate selected for the position may join the regular PhD program upon meeting the requirements for admission to the PhD program at Department of Physics, IISER Bhopal.
6. **How to apply:** Interested candidates are requested to send
 - (a) CV, including name, date of birth, address for communication, phone number, email id, details of educational and scientific accomplishments.
 - (b) Copy of documents showing marks or CGPA of master degree and certificate
 - (c) Copy of document showing qualification of national level exam/fellowship with duration of validityto Dr. Nirmal Ganguli over email. The subject line must contain "SERB JRF".
7. **Last date of application:** 31 May 2017.

The selected candidate will be expected to join at the earliest possibility.

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