

**Office of the Dean Research and Development  
Indian Institute of Engineering Science & Technology (IEST), Shibpur  
Howrah-711 103**

**Project on: "Emerging phases due to spin-orbit coupling in 5d oxides: a first-principles simulation approach."**

**[Sponsoring Authority: DST INSPIRE Faculty Scheme, Govt. of India]**

**Department of Physics,  
Indian Institute of Engineering, Science and Technology, Shibpur, Howrah-711 103**

**Ref.: Advt. No. PH 1242, published in "The Statesman (All Edition)", dated 10.04.2017**

**[Institute Project Code: DRC/DST-INSPIRE/PHY/SK/031/16-17]**

Applications are invited from Indian nationals for the position of "Project Fellow" in a DST-funded research project with following details.

**Title of the Project:** "Emerging phases due to spin-orbit coupling in 5d oxides: a first-principles simulation approach."

**Principal Investigator (PI):** Dr. Sudipta Kanungo, Assistant Professor, Department of Physics, IEST-Shibpur, Howrah-711103 (Email: [s.kanungo@physics.iests.ac.in](mailto:s.kanungo@physics.iests.ac.in); Homepage: <http://www.iests.ac.in/index.php/about-s-kanungo>)

**Name and number of the position:** Project Fellow [One (1)]

**Essential qualifications:** First class M.Sc in Physics/ M.Tech in Materials Science or equivalent degree from any recognized University or Institutes. Final year/semester students can also apply subject to satisfying the above criteria at the time of joining.

**Desirable qualifications:** In addition, the candidate qualified in CSIR/UGC NET, GATE, JEST or equivalent all India based exam with specialization in Condensed Matter Physics/ Solid State Physics/ Material Science and knowledge in C/ Fortran programming and Linux environment will get preference.

**Fellowship:** Rs. 20,000/- (consolidated).

**Duration:** Initially for 8 months. (The tenure may be extended upto another 3 years based on the performance).

**How to apply:** Interested and eligible candidates should apply with their complete CV mentioning all academic curriculum activities, must emailed to the PI (mentioned above) so as to reach him by **1<sup>st</sup> May 2017**, with the subject marked as "Project Fellow-DST".

Candidates will be short listed for the interview based on merit and will be informed via email. **Only shortlisted candidates will be called for interview and no TA/DA will be paid for attending the interview.** The position is available immediately.

**Note:** The candidate selected for the position of project fellow will have the option to register for Ph.D program at IEST-Shibpur, provided, the candidate must meet certain eligibility requirements and qualify the screening test.

**Dean (R & D)**

**(W. Code DRC-002/17-18)**