

**ADVT NO: 18/2020**

**(APPLY ON OR BEFORE THURSDAY, MARCH 12 2020)**

**[Position under Funded Project purely on Temporary and Contractual Basis]**

Indian Institute of Science Education and Research Pune is a premier autonomous Institution established by the Ministry of Human Resource Development, Government of India, for promotion of high quality science education and research in the country.

Institute invites applications from Indian nationals having excellent academic record and relevant work experience for the following positions purely on temporary and contractual basis under the funded project:

Name of the Post	Research Associate (RA)
No. of post	01 (One)
Title of the Project	“Borophene: a new entrant in flatland en route to synthetic materials design”
Funding Agency	Scheme for Transformational and Advanced Research in Sciences (STARS) under Ministry of Human Resource Development
<b>Project code</b>	<b>32519472</b>
Minimum educational Qualification	Ph.D. in Physics / Material Science or equivalent discipline
Preference	Candidates having expertise in ultra-high vacuum (UHV) systems, deposition systems like electron beam evaporator, and low temperature (LT) scanning tunnelling microscopy (STM), spectroscopy will be preferred.
Job Requirement	Sample preparation in UHV by e-beam evaporation, sputtering & annealing, measurements using STM and STS. Data analysis and manuscript writing.
Tenure of the appointment	Initially for a period of one year, extendable for further period subject to satisfactory performance of the incumbent and continuation of the project.
Consolidated emoluments	Rs. 47,000/- + 24% HRA per month
Age	Not more than 35 years as on closing date of advertisement.
<b>Last date of application</b>	<b>March 12, 2020</b>

Name of the Post	Project Assistant / Project Fellow (Junior Research Fellow)
Number of posts	01 (One)
Name of the Project	“Borophene: a new entrant in flatland en route to synthetic

Name of the Post	Project Assistant / Project Fellow (Junior Research Fellow)
	materials design”
Funding agency	Scheme for Transformational and Advanced Research in Sciences (STARS) under Ministry of Human Resource Development
<b>Project Code</b>	<b>32519472</b>
Minimum educational Qualification	M.Sc. in Physics or equivalent degree with minimum 55% marks or equivalent grade.
Preference	Candidates having basic knowledge of 2D materials, exfoliation techniques, scanning probe microscopy like atomic force microscopy (AFM), scanning tunnelling microscopy (STM), vacuum systems will be preferred
Job Requirement	Sample preparation, AFM and STM of 2D materials
Tenure of the appointment	Initially for a period of one year which may be extended subject to continuation of the project and satisfactory performance of the incumbent.
Consolidated emoluments	1) Project Assistant - Rs. 19,840 + 24% HRA per month. 2) Project Fellow (Junior Research Fellow) - Rs. 31,000/-+ 24% HRA per month based on <b>valid</b> CSIR-NET JRF or equivalent scorecard.
Age	Not more than 28 years as on closing date of advertisement.
<b>Last date of application</b>	<b>March 12, 2020</b>

### **HOW TO APPLY:**

- Interested candidates should send the application by email in the prescribed format available below this advertisement by email (convert into PDF Format) addressed to [phy\\_app@iiserpune.ac.in](mailto:phy_app@iiserpune.ac.in) on or before **March 12, 2020**. **Please mention “Name of the post and Project Code: 32519472”** in the subject line of the email.
- List of shortlisted candidates for selection process with details of date, time, and venue will be put up on the institute website below this advertisement and candidates will be informed by **e-mail** only.
- Recent passport size photograph and photocopies of relevant certificates and other testimonials in support of age, qualification, experience etc. will be collected at the time of selection process. Applicant must bring all the original certificates at the time of selection process for the purpose of verification, along with one set of photocopies.

### **General Information / details about the post**

1. The appointment is purely temporary and will terminate automatically without any notice or compensation on termination of the project.
2. The appointed person shall have no claim of appointment / absorption in Funding Agency or in IISER Pune.
3. The appointment of the applicant will be governed by the terms and conditions of the funding agency particularly applicable to the said project.

4. The qualification prescribed should have been obtained from recognized Universities / Institutions.
5. The prescribed educational qualifications are the bare minimum and mere possession of same does not entitle candidates to be called for interview. Where number of applications received in response to this advertisement is large, it may not be convenient or possible to interview all the candidates. Based on the recommendations of the Screening Committee, the Project Investigator may restrict the number of candidates to be called for the interview to a reasonable limit after taking into consideration qualifications and experience over and above the minimum prescribed in the advertisement. Therefore, it will be in the interest of the candidates, to mention all the qualifications and experience in the relevant field at the time of applying.
6. Age relaxation commensurate with experience of the applicant may be considered with the prior approval of the competent authority.
7. No TA/DA will be admissible for appearing for the interview.
8. Selected candidates will have to join duty immediately on receipt of the offer.
9. No interim enquiries / correspondence / communication of any sort will be entertained on the matter.
10. Canvassing in any form and / or bringing any influence, political, or otherwise, will be treated as a disqualification for the post applied for.

**Advt. No. 18/2020/IISER-P/Proj.\_Rect./27.02.2020**

**REGISTRAR**