

**ADVT NO: 23/2020**

**(APPLY ON OR BEFORE WEDNESDAY MAY 27, 2020)**

**[Positions under Funded Projects 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 projects:

<b>Post Code - 1</b>	<b>Research Associate (RA)</b>
Number of posts	01(One)
Funding Agency	Private Funding
<b>Project Code</b>	<b>33618356</b>
Minimum educational Qualifications	Ph.D. in Physics / Chemistry / Material Science / Nanoscience / Nanotechnology / Energy Science
Preference	Candidate with hands –on experience on advanced materials synthesis including nano-synthesis, coatings, photo-physics, device fabrication will be preferred.
Job Requirement	Synthesis and characterization of new materials and their use for solar energy applications.
Tenure of the appointment	<b>Upto March 31, 2021</b> subject to satisfactory performance of incumbent and continuation of project
Consolidated emoluments	Rs. 50,000/- per month
Age	Not more than 35 years as on closing date of advertisement.
<b>Last date of application</b>	<b>May 27, 2020</b>

<b>Post Code - 2</b>	<b>Project Associate-1 (PA-1)</b>
Number of posts	01(One)
Funding Agency	Private Funding
<b>Project Code</b>	<b>010</b>
Minimum educational Qualifications	M.Sc. in Chemistry OR M.Tech in Materials Science / Nanotechnology
Preference	Candidate with hands –on experience on advanced materials synthesis and coatings, and their characterizations will be preferred.
Job Requirement	Innovating Processing of glass surface and glass powders for exploration of new applications.
Tenure of the appointment	Initially for one year extendable for further period

	subject to satisfactory performance of incumbent and continuation of project
Consolidated emoluments	Rs. 25,000/- per month
Age	Not more than 32 years as on closing date of advertisement.
<b>Last date of application</b>	<b>May 27, 2020</b>

<b>Post Code - 3</b>	<b>Research Associate-1 (RA-1)</b>
Number of posts	01(One)
Funding Agency	Private Funding
<b>Project Code</b>	<b>New Project</b>
Minimum educational Qualifications	Ph.D. in Physics / Chemistry / Material Science / Materials Engineering / Energy Science
Preference	Candidates with strong background in synthesis of inorganic compounds like ternary, quaternary oxides, sulfides etc., fabrication of Li-ion batteries; and a good understanding of battery electrochemistry will be preferred
Job Requirement	Synthesis of solid electrolytes along with fabrication and diagnosis of solid-state batteries.
Tenure of the appointment	Initially for one year extendable for further period subject to satisfactory performance of incumbent and continuation of project
Consolidated emoluments	Rs. 55,000/- + 24% HRA per month
Age	Not more than 35 years as on closing date of advertisement.
<b>Last date of application</b>	<b>May 27, 2020</b>

<b>Post Code - 4</b>	<b>Research Associate-2 (RA-2)</b>
Number of posts	01(One)
Funding Agency	Private Funding
<b>Project Code</b>	<b>New Project</b>
Minimum educational Qualifications	Ph.D. in Physics / Chemistry / Material Science / Materials Engineering / Energy Science
Preference	Candidates with good background and understanding about liquid electrolytes for Li-ion batteries along with battery fabrication. The candidate must possess good experience in the use of characterization tools such as XPS, Raman and Powder XRD will be preferred.
Job Requirement	Synthesis of cathode materials especially via co-precipitation method and fabrication and diagnosis of Li metal batteries.
Tenure of the appointment	Initially for one year extendable for further period subject to satisfactory performance of incumbent and continuation of project

Consolidated emoluments	Rs. 55,000/- + 24% HRA per month
Age	Not more than 35 years as on closing date of advertisement.
<b>Last date of application</b>	<b>May 27, 2020</b>

<b>Post Code - 5</b>	<b>Project Associate-1 (PA-1)</b>
Number of posts	01(One)
Funding Agency	Private Funding
<b>Project Code</b>	<b>New Project</b>
Minimum educational Qualifications	M.Sc. in Physics / Chemistry / Material Science or M.Tech in Materials Science / Energy Science / Nanotechnology
Preference	Candidates with good basic knowledge about Materials synthesis and characterization methods; some understanding of electrochemistry will be preferred.
Job Requirement	Synthesis and characterization of flexible and thin-film batteries.
Tenure of the appointment	Initially for one year extendable for further period subject to satisfactory performance of incumbent and continuation of project
Consolidated emoluments	Rs. 35,000/- per month
Age	Not more than 32 years as on closing date of advertisement.
<b>Last date of application</b>	<b>May 27, 2020</b>

<b>Post Code - 6</b>	<b>Project Associate-2 (PA-2)</b>
Number of posts	01(One)
Funding Agency	Private Funding
<b>Project Code</b>	<b>New Project</b>
Minimum educational Qualifications	M.Sc. in Physics / Chemistry / Material Science or M.Tech in Materials Science / Energy Science / Nanotechnology
Preference	Candidates with good basic knowledge about Materials synthesis and characterization methods; some understanding of electrochemistry will be preferred.
Job Requirement	Synthesis and characterization of solid-state Li-ion battery
Tenure of the appointment	Initially for one year extendable for further period subject to satisfactory performance of incumbent and continuation of project
Consolidated emoluments	Rs. 35,000/- per month
Age	Not more than 32 years as on closing date of advertisement.
<b>Last date of application</b>	<b>May 27, 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 **May 27, 2020**. **Please mention "Post Code"** 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 posts**

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 respective funding agency particularly applicable to the said project.
4. The qualification prescribed should have been obtained from recognized Universities / Institutions.
5. The prescribed educational qualification is 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. 23/2020/IISER-P/Proj\_Rec./13.05.2020**

**REGISTRAR**