



भारतीय प्रौद्योगिकी संस्थान इन्दौर  
सिमरोल, खण्डवा रोड, इन्दौर, भारत पिन - 453 552

**Indian Institute of Technology Indore**  
Simrol, Khandwa Road, Indore, India Pin - 453 552

IIT Indore

Date: February 4, 2021

### **Advertisement for JRF/SRF Position in SERB-DST Project**

Applications are invited from highly motivated and eligible candidates for the position of **Junior Research Fellow (JRF)** or **Senior Research Fellow (SRF)** in a SERB funded Research Project titled “*Solid-state thin-film rechargeable batteries with solid electrolyte to achieve a wider electrochemical/thermal stability, better safety and long cycle lives with good capacity retention*”.

#### **Objectives of the Project:**

The objective of the project is to design, develop and characterize solid-state thin-film rechargeable batteries with solid electrolyte to achieve a wider electrochemical/thermal stability, better safety and long cycle lives with good capacity retention.

#### **Eligibility**

##### **Essential Qualification:**

(i) JRF position: Masters’ degree in Physics and other relevant subjects (with first division as defined by the awarding Institute/ University) from recognized Universities/Institutes, with CSIR/UGC-NET (Equivalent qualification/fellowship) or valid GATE score. Age limit: 28 years on the date of application, with relaxation to SC/ST/OBC candidates as per Government of India norms.

(ii) SRF position: Possessing essential qualifications mentioned for the JRF position (above) and at least 2 years of post-Masters’ degree research/teaching experience as evidenced from published papers in standard refereed journals. Age limit: 32 years on the date of application, with relaxation to SC/ST/OBC candidates as per Government of India norms.

#### **Stipend:**

The amount of JRF or SRF fellowship will be as per SERB norms and following the IITI institute policy.

#### **Duration:**

Initial appointment will be for one year, which is extendable up to the duration of the project (about 3 years) solely based on performance.

#### **How to Apply**

Interested candidates are requested to submit a detailed CV to Dr. Sudeshna Chattopadhyay, Department of Physics, Indian Institute of Technology Indore, via e-mail: [sudeshna@iiti.ac.in](mailto:sudeshna@iiti.ac.in) with the subject line “JRF/SRF application for SERB Project” latest by **Feb 24, 2021**.

**Note:** CV should include details of academic grades starting from X standard onwards with details of the year of passing, university or institute, etc and also work experience and nature of work if applicable. Complete details of NET/GATE such as year of passing/validity, discipline, marks, All India Rank and number of candidates appeared should be mentioned in the CV. Incomplete applications will be rejected.

Only shortlisted candidates will be called for the interview (via online mode). Shortlisted candidates will be intimated by e-mail about the date of interview. No TA/DA will be paid for appearing for the interview. Documents in support of educational qualifications, and experience certificates (for SRF position) must be produced at the time of selection process.