



भारतीय प्रौद्योगिकी संस्थान इन्दौर  
खण्डवा रोड, सिमरोल  
इन्दौर ४५२ ०२०, भारत

Indian Institute of Technology Indore

Khandwa Road, Simrol  
Indore 452 020, India

Office : +91-731-2438709  
Fax : +91-731-2438721

IIT Indore

## **Advertisement for JRF Position**

06.12.2023

Applications are invited from highly motivated and eligible candidates for the position of **Junior Research Fellow** (JRF) to work in a CSIR, Govt. of India funded research project. The research interest under the advertised post will be “*High H<sub>2</sub>-Uptake in Covalent Organic Framework Materials: A Promising Way to On-Board Vehicular Hydrogen Storage*”. The aim of the project is to develop computationally novel porous COFs with their potential application in H<sub>2</sub>-storage which can be implemented for on-board applications.

**Duration:** The opening position is initially for 12 months with a possibility of further extension another 24 months based on performance. The *selected candidate will be considered for admission to Ph.D. Programme as a regular full-time scholar as per IITI rule.*

**Emolument:** The JRF will be paid a consolidated salary of **Rs. 31000/month, No HRA.**

### **Eligibility:**

**Essential Qualification:** M.Sc. in Physics or Chemistry with CSIR/UGC-NET-JRF or M.Tech. or Ph.D. Thesis submitted (or about to submit) in relevant field (Physics or Materials Science and Metallurgical Engineering) with first class minimum (60% in the preceding degrees or equivalent) in graduate and postgraduate levels with a very good academic record. The preference will be given to the candidate who has expertise in the areas of computational materials science and Porous Covalent Organic Frameworks with Their Potential Applications in Hydrogen Storage, i.e., related to the project.

**Age limit:** 32 years with relaxation to SC/ST/OBC candidates as per Government of India norms.

**Last Date:** 17:00 hrs on Monday, 25th December, 2023.

Interested candidates are required to attend the interview on **29th December 2023, only online mode**. The candidates should bring Detailed Curriculum Vitae (CV) along with valid photographic identity card, **original and self-attested photocopies of all documents** (10th class onwards) at the time of interview.

**Time and date of interview:** 12:00 hrs on Friday, 29th December 2023.

**Venue:** Preferably Online and Google meet link will be shared only the shortlisted candidates before the date of interview.

Interested candidates **must** email advance copy of their detailed CV with a detail resume with date of birth, contact details including phone number, email and postal address, photocopies of the educational/professional qualifications and publications to **Dr. Srimanta Pakhira** at [spakhira@iiti.ac.in](mailto:spakhira@iiti.ac.in). **Any other mode of communication will not be entertained.** The candidates must arrange recommendation letters from two referees well before appearing interview. Referees shall e-mail their reference letters directly to [spakhira@iiti.ac.in](mailto:spakhira@iiti.ac.in) or provide in a sealed envelope.

**Only shortlisted candidates will be intimated by email for an interview.** No TA/DA will be paid for attending the interview.