



भारतीय प्रौद्योगिकी संस्थान इंदौर

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IIT Indore

Dated: 15th February, 2024

Advertisement for a JRF/Postdoctoral Position in a SERB Project

Applications are invited from motivated and eligible candidates for a JRF/postdoctoral position in the research project “*Computational Designing of Heterogenous Catalysis for Conversion of CO₂ to Gasoline Range Hydrocarbons*”.

The project involves design of catalytic materials using density functional theory (DFT) and machine learning based tools.

Eligibility:

Essential Qualification for JRF: Master’s in chemistry from recognized Universities/Institutes with valid GATE score.

Essential Qualification for RA: PhD in Computational Chemistry

Fellowship and Duration: The amount of fellowship will be as per the norms of SERB and IIT Indore policy. Initial appointment will be for one year which is extendable up to the duration of the project (about 03 years) solely based on the performance. **The JRF position can be converted into a PhD position if the selection criteria of the institute/department met.** The category will be decided/recommended by the selection committee based on the qualification/Experience/Performance in the interview of the candidate.

How to Apply: Interested candidates are requested to submit a detailed CV to Prof. Biswarup Pathak, Department of Chemistry, Indian Institute of Technology Indore, via e-mail: biswarup@iiti.ac.in **with the subject line “Application for SERB Project”**. Note: CV should include details of academic grades starting from 10th standard onwards with details of the year of passing, University or Institute, etc. and 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 intimated by email for an interview. No TA/DA will be paid for appearing in the interview. Last Date of Application: February 29, 2024 (or till the position is filled)

Address for Correspondence: Prof. Biswarup Pathak (webpage: <https://iiti.ac.in/people/~biswarup/research.html>), Department of Chemistry, Indian Institute of Technology Indore (IITI); Email: biswarup@iiti.ac.in