



## Indian Institute of Science Education and Research Bhopal

### Junior Research Fellow at IISER Bhopal under the supervision of Dr. Subhasis Shit and Prof. Amit Paul, Department of Chemistry

Applications are invited from Indian nationals for the post of “**Junior Research Fellow**” for the Department of Science and Technology (DST), Govt. of India sponsored project “*Advancing the concept of electrochemical water oxidation on bimetallic redox-active catalysts: From understanding kinetic-mechanistic aspects to resolving the activity-stability trade-off*”

**Project description:** The project involves synthesis of bimetallic nanomaterials, characterization by several advanced techniques, and operando spectro-electrochemical experiments for understanding the mechanistic details with material’s performance for heterogeneous electrochemical water oxidation/oxygen evolution reaction (OER).

**Duration:** Initially for 1 year (Extendable upon satisfactory performance)

**Last date for applications:** 23<sup>rd</sup> March, 2026

**Essential Qualifications:** M.Sc. in Chemistry with good academic record and at least one national-level qualification (UGC-JRF/CSIR-JRF/NET-LS/valid GATE score etc.).

**Age:** Candidates should preferably be below 28 years of age.

**Salary:** Junior Research Fellow: Rs. 37,000 p.m.

**How to Apply:** Submit your application with a detailed curriculum vitae (CV) at [subhasiss@iiserb.ac.in](mailto:subhasiss@iiserb.ac.in) and [apaul@iiserb.ac.in](mailto:apaul@iiserb.ac.in). CV must have details such as 10, 10+2, B. Sc., M.Sc. marks, university name, graduating year and details about national-level examination qualification details. CV must also include mobile phone number and email address for contact. **GATE/NET etc ranking should be mentioned clearly with proof.** **Subject line of email: Project JRF Application for DST Funded project**

For more information about Prof. Amit Paul and Dr. Subhasis Shit’s research work and information about the group, please visit <https://sites.google.com/site/dramitpaul1234/> and <https://sites.google.com/view/electrochemist-subhasis/>

Incomplete application will not be considered, and no correspondence will be entertained with regard to the application status. All correspondence regarding shortlisting and selection will only be via email.