

**No.: Advt/ IITT/CSRC/2023-24/29**

**Date: 20-03-2024**

Applications are invited from the eligible Indian nationals for JRF position in the Department of Chemistry/Chemical engineering, IIT Tirupati under the SCIENCE & ENGINEERING RESEARCH BOARD (SERB)-sponsored project.

Position	Junior Research Fellow
No. of position	01
Essential Qualification	MSc in Organic Chemistry/General Chemistry/Inorganic Chemistry with minimum of 60% marks. Must have valid GATE, CSIR-UGC NET including LS.
Project Title	"Biomimetic Studies of Bacterial Enzymes Organomercurial Lyase MerB and Mercuric Ion Reductase (MerA): Development of Smart System for the Detoxification of Organomercury Compounds."
Project Number	CHY2324009SERBGOUR
Sponsoring Agency	SCIENCE & ENGINEERING RESEARCH BOARD (SERB)
Monthly Salary	INR 37000.00 + HRA as applicable
Tenure of Assignment	Initially for 1 year, extendable up to three years of project subject to performance. Based on the performance, the student can be upgraded to Ph.D program.
Desired Experience	B.Sc and M. Sc. in Chemistry/Chemical Science. Basic knowledge in biology/life science will be greatly advantageous in this project.
Nature of Work	<ul style="list-style-type: none"> <li>- Research and development</li> <li>- Conducting experiments (synthesis, characterization, kinetic studies)</li> <li>- Developing theoretical models.</li> <li>- Documentation of the research work</li> <li>- Critical analysis of the experimental results</li> <li>- Offline on campus physical presence is needed</li> </ul>
Age Limit	Not more than 28 years as of 10-04-2024 (Relaxed for exceptional candidates and reserved category)
Application Deadline	April 10, 2024

Eligible candidates may send a detailed curriculum vitae (maximum 2 pages) specifying qualifications and experience, on or before the deadline to [gproy@iittp.ac.in](mailto:gproy@iittp.ac.in), Dr. Gouriprasanna Roy, Principal Investigator) and [csrc\\_recruitment@iittp.ac.in](mailto:csrc_recruitment@iittp.ac.in). Importantly, mention your contact detail (email as well as cell number) in CV.

The shortlisted candidates will be informed *via* E-mail only. The selection will be based on the qualification, experience, and interview performance. The interview will be conducted offline at IIT Tirupati campus. IIT Tirupati reserves the right to reject any or all the applications without assigning any reason thereof.

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