



# Birla Institute of Technology & Science, Pilani

Hyderabad Campus

Chemistry Department

## CALL FOR JUNIOR RESEARCH FELLOW FOR A SERB-SURE PROJECT

**Date: 15<sup>th</sup> October 2025**

Applications are invited from suitable, motivated candidates for Junior Research Fellow (JRF) to work on the following project sponsored by the Science and Engineering Research Board (SERB) under the supervision of Dr. Chanchal Chakraborty, Department of Chemistry, BITS-Pilani, Hyderabad campus.

Selected candidate may be considered for PhD program at BITS-Pilani if he/she meets the requirements of the Ph.D. qualification process as per the institute norms (<http://www.bitsadmission.com/phmain.aspx>). Also, the Institute Fellowship can be considered after completion of the project fellowship.

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| <b>Title of the project:</b>     | <i>Development of covalent organic framework-based Vis-to-NIR electrochromic smart windows for solar heat modulation</i>                                                                                                                                                                                                         |
| <b>Duration of the project:</b>  | 12 months                                                                                                                                                                                                                                                                                                                        |
| <b>Project position:</b>         | Junior Research Fellow (JRF)                                                                                                                                                                                                                                                                                                     |
| <b>Number of vacancies:</b>      | <b>01</b>                                                                                                                                                                                                                                                                                                                        |
| <b>Job description:</b>          | <ul style="list-style-type: none"><li>Organic synthesis, photophysical, and structural characterization of covalent organic frameworks.</li><li>Fabrication of electrochromic devices with spectro-electrochemical characterization.</li><li>Active contribution toward publications and patents on the project topic.</li></ul> |
| <b>Fellowship amount:</b>        | INR 31000/- per month + 24% HRA as applicable for NET/GATE qualified.<br>INR 25000/- per month + 24% HRA for non-NET/GATE qualified candidates                                                                                                                                                                                   |
| <b>Eligibility requirements:</b> | <ul style="list-style-type: none"><li>First class in M.Sc. (Chemistry) or equivalent degree and passing of NET/GATE test (desirable).</li><li>Age not exceeding <b>28 years</b> as of the date of interview. Age relaxation is allowed up to 5 years for SC/ST/PH/OBC/Women candidates.</li></ul>                                |
| <b>Deadline for Application</b>  | <b>October 25, 2025</b>                                                                                                                                                                                                                                                                                                          |

**How to apply:** Interested candidates can apply with a resume/CV using the following Google form Link by **October 25, 2025**.

**Google form Link:** <https://forms.gle/N8txaVmXkCejLbAA6>

Please note that only the suitable shortlisted candidates will be called for an audio-visual interview to be held at BITS-Pilani, Hyderabad Campus, within one week of the last date of the deadline. For more details, please contact:

**Dr. Chanchal Chakraborty**

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