

## Advertisement for BPCL-RGIPT (BPRGI) Research Fellow

Applications are invited from research enthusiasts to work on a BPCL sponsored project as Junior Research Fellow in the area of Redox Flow Battery, which will provide great opportunity to develop electrodes, flow channels, and performance testing of battery set-up of pilot scale (5kW). This is an industrial project, and requires extra motivation towards work to meet time-bound milestones.

**Project No:** P-2402

**Title:** Demonstration of redox flow battery for stationary energy storage at kW scale

**Agency:** BPCL - CRDC

**Project Duration:** 2 years

**Fellowship:** Rs.37000/- + 25% extra per month at JRF level, Rs. 42000/- + 25% extra at SRF level.

**No. of Position:** 01

### Eligibility:

- M.E./M.Tech. degree from recognized Institute/ University in Chemical Engineering/ Mechanical Engineering/ Material Science and Engineering, or M.Sc. Physics/Chemistry with minimum CPI/ CGPA of 7.5 on a 10-point scale or equivalent. GATE/CSIR-NET score is mandatory and should not be more than 5 years old.
- Candidate with MSc/M.Tech degree from an IIT with minimum CPI/CGPA of 8.0 on a 10-point scale is exempted from requirement of CSIR-NET/GATE score.
- Candidate with BSc/B.Tech degree from an IIT with minimum CPI/CGPA of 8.0 on a 10-point scale is exempted from requirement of CSIR-NET/GATE score.
- The upper age limit is 28 years on 31<sup>st</sup> March 2025. Age relaxation as per norms of GoI.
- Knowledge of electrochemical processes will be an advantage.

### Salient Points:

- i. Initial offer will be for a period of 12 months, and extension will be considered after satisfactory performance. If extended, the offer is co-terminus with the project duration.
- ii. In campus residence facility in hostel will be provided.
- iii. The candidate on satisfactory performance in the project is likely to be enrolled in the PhD programme of the respective department.

### Documents Required (in PDF):

- Biodata (check format at [https://serb.gov.in/assets/pdf/PI\\_Biodata.pdf](https://serb.gov.in/assets/pdf/PI_Biodata.pdf))
- Age Proof Certificate (10<sup>th</sup> Class certificate).
- Qualification Certificate.
- Category Certificate (in case of Age Relaxation).

Interested candidates are encouraged to submit application along with the above documents to [mkumar@rgipt.ac.in](mailto:mkumar@rgipt.ac.in) or [aaijaz@rgipt.ac.in](mailto:aaijaz@rgipt.ac.in) by 8<sup>th</sup> June 2025, 6 PM. The Subject of the application shall be “*Application for BPRGI Research Fellowship*”.