



राष्ट्रीय प्रौद्योगिकी संस्थान, दुर्गापुर
National Institute of Technology Durgapur
Mahatma Gandhi Avenue, Durgapur-713209
West Bengal, INDIA, www.nitdgp.ac.in \
(An Autonomous Institution of the Govt. of India under MHRD)

Advt. No.: NITD/PH/AKC/2024/JRF

Date: 16/07/2024

Advertisement for the following PROJECT STAFF at NIT Durgapur

Applications are invited from eligible Indian citizens for **one Junior Research Fellow (JRF)** in the SERB (DST) funded Project (IPA/2021/000048). The candidate will work primarily at NIT Durgapur as a member of the Energy Research Laboratory of the Department of Physics & strongly collaborate with the CoE in Advanced Materials, NIT Durgapur and members from IIT Bombay (Energy Science & Engg.) and VNIT Nagpur (Electrical Engg.). The objective of this project for NIT Durgapur team is to develop sodium ion hybrid capacitors / batteries with improved electrochemical performance (energy density, cycling stability, rate capability, etc.) for eventual integration into a smart off-grid renewable and sustainable energy storage management system.

Sl. No.	Name of the Post, salary, & duration	Required Qualifications
1	Junior Research Fellow(JRF) No. of post: 01 Fellowship: ₹ 37,000/- per month for JRF Duration: Three years subject to yearly renewal of contract upon satisfactory performance. The selected candidate will be encouraged to register for Ph.D.	MSc. in Physics/Chemistry/Nanotechnology/Materials Science from any recognized Institute/University with valid NET/GATE score. OR M.E./M. Tech in Nanotechnology/Materials Science & Engg./Chemical Engg./Chemical Technology or related discipline from any recognized Institute/ University with valid NET/GATE score. Prior experience in electrochemistry/supercapacitor/ battery research would be an advantage.

How to Apply:

The eligible and interested candidates are encouraged to send the following documents as a single pdf file via email to the PI as undersigned. Further, the subject line of the email should be "Application for Junior Research Fellow".

1. A cover letter explaining why you are fit for this post
2. Your up to date CV mentioning relevant research experience (if any) and names and contact details of two academic referees
3. Proof of highest qualification and NET/GATE

Selection Process:

Based on the applications received, a short-list of candidates will be prepared to be called for an online interview. The shortlisted candidates will be notified through email (as mentioned in the applicant's CV).

Important Dates:

- **Publication of the advertisement: July 16, 2024**
- **Deadline for submission of application: August 5, 2024**
- **Tentative date of interview: August 9, 2024**
- **Tentative start date: August 15, 2024**



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Terms and Conditions:

1. The above position is purely temporary and is for the duration of the project only.
2. Applications reaching after specified time will not ordinarily be entertained.
3. Canvassing in any form will disqualify the candidature.
4. The selected candidate is expected to join immediately after recruitment.
5. The selected candidate may have to work outside the normal working hours and normal working days without additional incentives.
6. Selected candidate will have to produce a Govt. issued ID in original, the original mark-sheets, and certificates etc. at the time of joining failing which the candidature will be cancelled.
7. Other terms and conditions will be as per those of DST and NIT Durgapur.

Dr. Amit K. Chakraborty.
Professor, Department of Physics &
Professor-in-Charge,
Centre of Excellence in Advanced Materials
National Institute of Technology Durgapur
Durgapur 713209, West Bengal, India.
E-mail: akchakraborty.phy@nitdgp.ac.in