



Jaypee Institute of Information Technology, Noida

Department of Physics and Materials Science & Engineering



**Advertisement for Recruitment of Junior Research Fellow**

*(Industry-Sponsored Project with LOHUM Cleantech Pvt. Ltd., Greater Noida)*

Applications are invited for the position of **Junior Research Fellow** to work on an **industry-funded project** in collaboration with **LOHUM Cleantech Pvt. Ltd., Greater Noida** in the domain of **Advanced Materials for Lithium-ion Batteries and Hydrogen Storage Materials**.

**Position: Junior Research Fellow (01 Position)**

**Tenure of Appointment: Initially for 06 months**, which may be extended based on monthly performance evaluations and continuation of funding support by the industry partner.

**Emoluments: Rs. 45,000/- per month (consolidated).** *Monthly release of funds is subject to satisfactory performance review by LOHUM Cleantech Pvt. Ltd.*

**Essential Qualifications:**

- **M.Sc. in Physics / Chemistry / Materials Science / Nanoscience OR**
- **B.Tech./M.Tech. in Materials Engineering / Chemical Engineering / Nanotechnology**

**Desirable Skills:**

1. Strong experimental skills in **materials synthesis, electrodes, and energy-storage materials**.
2. Hands-on experience in **lithium-ion battery materials, solid-state electrolytes, or hydrogen storage materials**.
3. Experience with characterization techniques such as **XRD, SEM, TEM, Raman, BET, TGA/DSC, electrochemical testing (CV, EIS, charge-discharge studies)**.
4. Good documentation skills for preparing reports, data sheets, and results for industry review.

**Job Description:** The Junior Research Fellow will be responsible for:

- Synthesis, processing, and characterization of advanced materials for **Li-ion batteries and hydrogen storage**.
- Preparing monthly performance reports as required by LOHUM Cleantech Pvt. Ltd.
- Assisting in lab experiments, data interpretation, and documentation.
- Coordinating with industry personnel for project updates and meetings.

**How to Apply:** Applications containing a **cover letter, detailed CV, and relevant experience/publications (if any)** should be emailed to:

**Dr. Ashish Bhatnagar**

Department of Physics and Materials Science & Engineering  
Jaypee Institute of Information Technology (JIIT), Noida

Email: [ashish.bhatnagar@mail.jiit.ac.in](mailto:ashish.bhatnagar@mail.jiit.ac.in) / [ashish.bhatnagar@jiit.ac.in](mailto:ashish.bhatnagar@jiit.ac.in)  
And cc to [dean.ar@jiit.ac.in](mailto:dean.ar@jiit.ac.in)

**Last Date to Apply: [25-12-2025]**

**General Instructions:**

1. Only shortlisted candidates will be informed via email regarding the interview.
2. **No TA/DA** will be provided for attending the interview.
3. The appointment is purely **project-based** and **does not guarantee regular employment** at JIIT or LOHUM.

On our  
shortlist  
version you  
in consultation