



Jaypee Institute of Information Technology, Noida
Department of Physics and Materials Science and Engineering



**Advertisement for Recruitment of Junior Research
Assistant (JRA)**

Applications are invited for the position of Junior Research Assistant (JRA) to work on the following Council of Science & Technology, U.P. (CSTUP) sponsored project (Project ID-3934 and Project number: CST/D-830, Dated: 12.08.2024) as per the details given below:

- Project Title:** Machine Learning based Optimization of Exotic Materials Electrode for Quasi Solid-State Rechargeable Batteries
- Post:** Junior Research Assistant (JRA)
- Number of Position:** 1 (one)
- Tenure of Appointment:** Appointment will be made for 02 years, provided the satisfactory Performance of JRA
- Age Limit:** Max. 28 years as on 1st April, 2024.
- Emoluments per Month:** As per the Council of Science & Technology, U.P & Grant-in aid Regulations 1988 (₹25,000/- pm for first year & ₹28,000/- pm for 2nd year consolidated).
- Essential Qualifications:** Post Graduate Degree in Physics / Physical Sciences/ Chemical Science/ Materials Science/ NanoScience with First Class in UG & PG
OR
B.E./B.Tech. in Chemical Engineering/ Material Science/ Nanotechnology/ Metallurgy/Renewable Energy Technology/ other relevant branch of Engineering or equivalent with First class.
- Desirable Skills:**
1. Preference will be given to candidates having good experimental hand and having research exposure in the area of Material Science/ Nanotechnology/ Thermoelectric Materials/ Conducting Polymers.
 2. Candidate with CSIR / UGC/ JRF/NET or any other equivalent National level exam conducted by Govt. agencies like MHRD, DST, CSIR, DAE, DRDO, IITs, IISc etc. will be preferred.

Job Description: The selected candidate is expected to contribute in material synthesis and research experiments of this project. He/She will also assist in the administration of project work, visit outstation institutions for characterization, collect data prepare a draft report and write research papers/patents.

Applications comprising a cover letter, detailed Curriculum Vitae (containing Research experience/publication, if any) must be sent by email to **Dr. Shalu**, Department of Physics and Materials Science and Engineering, Jaypee Institute of Information Technology Noida on or before **25th Nov 2025**.

Email: shalu@mail.jiit.ac.in / shalu.kataria9@gmail.com

And CC to deanAR@jiit.ac.in

Note:

1. The candidate must be resident of Uttar Pradesh.
2. The appointment shall be governed by UP CST guidelines.
3. The candidate will be shortlisted on the basis of merit and need of the project.
4. Shortlisted candidate will be informed by email about the interview schedule.
5. Shortlisted candidates must be present physically for the interview along with original certificates.
6. No TA/DA will be paid for appearing in the interview