



Department of Physics

Advertisement for the post of JRF (01) in CRG-SERB sponsored project

Applications are invited from Indian candidates for one post of **Junior Research Fellow (JRF)** to work in a CRG-SERB funded sponsored research project (CRG/2022/007362) on “**Preparation and Studies of Energy Efficient Semiconductor Quantum Dots-Liquid Crystal Composites for Next Generation Display Devices**” under the supervision of **Dr Praveen Malik** (Principal Investigator), Physics Department, NIT Jalandhar.

The details of the project are as under:

Position	Junior Research Fellow (01)
Duration of Project	07-05-2026 (or till the completion of project)
Qualifications	First class (60% or equivalent grade) M.Sc in Physics with valid NET/GATE. Or M. Tech in Material Science/Nanotechnology/ nanoscience& nanotechnology
Fellowship	Rs. 31, 000/+ for first two years and Rs. 35,000/- plus HRA as per NITJ rules
Age limit	28 years
Job Responsibilities	Selected JRF have to work on -Preparation and optimization of QDs doped liquid crystal composites. -Study the morphological, optical and dielectric properties of nanocomposites for next generation display devices. -Good number of publications/patents in high impact factor journals are expected.

How to Apply: Interested candidates have to submit complete application form, experience certificates, along with self-attested photocopies of marks sheet/certificates through email (malikp@nitj.ac.in) or by registered post by 18th June, 2023 at below address.

Terms and conditions:

- ❖ Selected candidate may register for a Ph.D. programme in Physics department, NIT Jalandhar as per the Institute norms.
- ❖ The appointment of the JRF will be purely temporary and valid for the above period as mentioned above or until the completion of project or until the services are required by the Project PI, whichever is earlier.



Department of Physics

- ❖ The services of the JRF will be liable to termination at any time without any notice and without assigning any reason.
- ❖ The appointment shall be specifically for the aforesaid project and staff member will not have any claim / right on any post in the NITJ Institute.
- ❖ Interested candidate may send complete application and other documents through email in a single pdf file.
- ❖ In the subject line please mention: “APPLICATION FOR THE POST OF JRF POSITION”.
- ❖ At the time of interview applicant has to show their marks-sheet and other related documents for verification.
- ❖ Only shortlisted candidates will be called to appear in the interview. The information of interview will be communicated through email only provided in the application.
- ❖ *No TA/DA will be given to the candidate for attending the walk interview.
- ❖ **LAST DATE OF SUBMISSION OF APPLICATION IS 18.06.2023.**

In case of any clarification, the candidate may contact to the undersigned.

(Dr. Praveen Malik)

Principal Investigator

Associate Professor

Department of Physics

Dr B R Ambedkar NIT Jalandhar

Punjab

Email- malikp@nitj.ac.in

Contact No- 9888382021