

ADVERTISEMENT
FOR THE POST OF JUNIOR RESEARCH FELLOW (JRF)

Applications are invited for the post of **Junior Research Fellow (JRF)** at a Fixed Stipend/ Fellowship/ Salary amount of **Rs. 37000 + 20% HRA** p.m. in a **Defence Research and Development Organisation (DRDO)** Sponsored Project entitled “**Development of BaTiO₃ in Glycerin Nanofluid as a Dielectric Fluid in High-voltage Capacitors: Two-Phase Approach. Phase I: Fundamental Study and Proof-of-Concept. Phase II: Scale-up and Large-Scale Application**” sanctioned up to **03 (Three) Years or till the end of the project** in Nanotech and Colloidal Matter Laboratory (NCM Lab) in the Department of Chemical Engineering and Technology at IIT (BHU) Varanasi. The post is purely temporary and co-terminus with the project. The candidates should possess the Essential qualifications. The upper Age Limit is 28 Years (relaxable as Per GoI Rules); All things being equal, SC/ST candidates will be preferred as per GOI rules.

Essential qualifications:

1. **Bachelor's or Master's degree** in Chemical Engineering / Electrical Engineering / Materials Science / Nanotechnology or related disciplines,
OR
Master's degree in Basic Sciences (such as Physics, Chemistry, or related fields).
2. Qualified a National Eligibility Test, such as GATE or CSIR-UGC NET.

Desirable qualifications: Experience in Material synthesis, understanding of colloids, dielectric properties of materials.

How to Apply:

Interested candidates should send their applications (format attached) along with self-attested copies of all mark-sheets & certificates and details of any research or other experience etc., if any, (PDF format) via email to PI, **Dr. Nitai C. Maji**, nitai.che@iitbhu.ac.in, within **21 days** of the advertisement.

Please write “Application for JRF (Project ID 2025RPMS00001364)” in the subject line of the email. The shortlisted candidates will be informed by email.

No TA/DA will be paid if called for an interview.

Dr. Nitai C. Maji
Principal Investigator