



DEPARTMENT OF CHEMICAL ENGINEERING
INDIAN INSTITUTE OF TECHNOLOGY
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UTTAR PRADESH, INDIA

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Recruitment of Junior Research Fellow in Chemical Engineering

Project Reference No: **R&D/DST/LT/ChE/15-16/05**

Applications are invited from Indian nationals for the following position in the research project entitled “Development & Evaluation of Infrared Nanoparticles for Cellular-Wide Sensitive E-field Mapping” sponsored by Department of Science & Technology (DST) Nano Mission, Government of India, New Delhi for a period of three years.

Name of the position	Candidates interested to extend their JRF to Ph.D. will be preferred
Number of positions	1
Last date of Application	Applicants should apply within 30 days of this advertisement.
Duration of Position	One year. Extendable based on performance
Emoluments (p.m.)	Rs. 25,000/- first two years, 28,000/- last one year
Educational qualification	Essential: (a) Degree in Sciences or Engineering (from any branch), with GATE or NET score. (b) Minimum first class marks or equivalent CGPA in preceding degree. Experience in nanoparticle synthesis, surface modification, characterization is required. Desirable: demonstrated experience in optical biosensor and imaging construct design, knowledge of conjugation chemistry and experience in handling cells will be considered an additional qualification.
Age	28 years. Age relaxation applicable as per Government of India (GoI) rules.

General Terms and Conditions:

1. The position is purely temporary and is coterminous with the project.
2. The PI has the discretion to restrict the number of candidates to be called for interview to a reasonable limit on the basis of qualifications and experience higher than the minimum prescribed in the advertisement.
3. Only shortlisted candidates will be communicated to appear in the interview and no other communications in this regard will be entertained.
4. The candidate is expected to join immediately, if selected.
5. No TA/DA will be paid for attending the interview.

Application on Plain paper giving Name, Permanent and Correspondence address, Names of the Father and Mother, Telephone number and e-mail address, details of educational career (starting from High School or equivalent) along with the self-attested copies of all mark-sheets & certificates and details of any research or other experience etc., if any, should reach the **Principal Investigator** before (date). Applicants can also send their scan copy of singed applications by email to the principal Investigator at: manojk.che@iitbhu.ac.in