

Recruitment of JRF and RA in School of Materials Science and Technology, IIT (BHU), Varanasi

Applications are invited for the following research positions with respective monthly emoluments under different sponsored projects. The HRA will be provided as per the institute's rules if accommodation inside the campus is not provided. The appointments will be purely temporary and co-terminus with the project. The candidates should possess essential qualifications. Reservation criteria will be applicable as per Government of India norms.

Research Positions Details:

Junior Research Fellow (JRF)

Project No.- R&D/SA/CPRI/SMST/24-25/664

Total number of positions: 01

Project tenure: ~1.5 Years

Monthly Emoluments: Rs. 37,000/- + 20% HRA

Essential Qualification: Post Graduate Degree (M.Sc./M.Tech.) in Physics/ Materials Science/Nanoscience/Nanotechnology). Candidate also needs to fulfill the following criteria-

a. Qualified GATE OR CSIR-UGC NET/JRF.

b. Minimum 60% or equivalent CGPA in M.Sc./M.Tech.

Upper Age Limit: 28 Years: Age relaxation for different categories as per Government of India norms.

Desirable Criteria:

- Experience in nanomaterial synthesis through chemical and physical route.
- Knowledge of materials characterization techniques such as XRD, SEM, TEM, Raman, FTIR etc.
- Candidates interested to extend their JRF position to Ph.D. will be preferred.

Application Process for JRF: Fill out the following Google form on or before **31-01-2026**.

<https://forms.gle/WLJa1pRMzZhCJHk98>

Research Associate (RA)

Project No.- R&D/SA/DRDO/SMST/25-26/784

Total number of positions: 01

Project tenure: ~3 Years

Monthly Emoluments: Rs. 58,000/- + 20% HRA

Essential Qualifications: Completed Ph.D. in Physics/Materials Science/Nanoscience/Nanotechnology/ Chemistry

Upper Age Limit: 35 years; Age relaxation for different categories as per Government of India norms.

Desirable Qualifications:

- Minimum 5 publications in SCI journals.
- Hands on experience in synthesis of nanomaterials like SiC, TMDs, MXenes etc. using CVD technique.
- Experience of characterization techniques like XRD, Raman, FTIR, UV-vis absorption spectroscopy, XPS, SEM and TEM techniques.

Application Process for RA: Fill out the following Google form on or before **31-01-2026**.

<https://forms.gle/no3sdZ4n9cWP9tnj6>

Note- The date and time of the interview will be communicated to shortlisted candidates only via email.

General Terms and Conditions:

1. The position is purely temporary and is conterminous 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.

The recommendation of the committee will be final. The applications should be submitted via Google Form only before the deadline.

Project PI

Dr. Ashish Kumar Mishra

Associate Professor,

School of Material Science and Technology

IIT(BHU), Varanasi 221005

Email-ID: akmishra.mst@itbhu.ac.in

Laboratory: Nano Photonics & Energy Materials Laboratory (NPEML)

Webpage: <https://sites.google.com/view/akmishrasmstiitbhu>

<https://www.iitbhu.ac.in/dept/mst/people/akmishramst>