

INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE
(Department of Metallurgical and Materials Engineering)

Dated: 02-09-2026

ADVERTISEMENT TO FILL UP PROJECT POSITIONS*

Applications are invited from Indian nationals only for project position(s) as per the details given below for the research project under the principal investigator **Dr. Vikram Dabhade**, Department of Metallurgical and Materials Engineering, Indian Institute of Technology, Roorkee.

1. Title of project: **High Temperature Tensile and Creep Properties of Oxide Dispersion Strengthened (ODS) GRX-810 (Ni-Cr-Co) Alloys Processed by Cryo-mixing and Powder Forging**
2. Sponsor of the project: **Anusandhan National Research Foundation (ANRF)**
3. Project position(s) and number: **Junior Research Fellow (JRF), One.**
4. Qualifications: **B.Tech/M.Tech** in Metallurgy/Material Science/Ceramics/Mechanical/Production Engineering or allied branches OR **MSc** in Materials science/Physics/Chemistry or allied branches with Mathematics at undergraduate level.

Candidate should have qualified in a national level test, such as GATE, NET.

5. Emoluments: **37,000/- per month**
6. Duration: Till the end of the project (30th March 2029)
7. Job description: Processing of the GRX-810 alloys by cryo-mixing and powder forging (powder metallurgy route). Determination of room/high temperature tensile and creep properties, microstructural analysis. Scientific reports/research papers need to be prepared.
 - a. Candidates before appearing for the interview shall ensure that they are eligible for the position.
 - b. Candidates desiring to appear for the Interview should **submit their applications with the following documents to the office of Principal Investigator through email, by post or produce at the time of interview:**
 - o Application in a plain paper with detailed CV including chronological discipline of degree/certificates obtained.
 - o Experience including research, industrial field and others.
 - o Self-attested copies of degree/certificate and experience certificate.
 - c. Candidate shall bring along with them the original degree(s)/certificate(s) and experience certificate(s) at the time of interview for verification.
 - d. Preference will be given to SC/ST candidates on equal qualifications and experience.
 - e. Please note that no TA/DA is admissible for attending the interview.

The selected candidate may get an opportunity for Ph.D admission, as per the Institute rule.

The walk-in interview in hybrid mode (in person and online) will be held on **21st September 2026 (Monday) at 3:00 PM** in the office of Head, Department of Metallurgical and Materials Engineering, IIT Roorkee. The link will be shared with the eligible online applicants.

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(Dr. Vikram Dabhade)
Name and signature of
Principal Investigator

APPROVED

*To be uploaded on IIT Roorkee website and copy may be sent to appropriate address by PI for wider circulation.


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