




राष्ट्रीय प्रौद्योगिकी संस्थान वरंगल
NATIONAL INSTITUTE OF TECHNOLOGY ARANGAL
(शिक्षा मंत्रालय, भारत सरकार के अधीन राष्ट्रीय महत्व का एक संस्थान)
(An Institute of National Importance under Ministry of Education, Govt. of India)
तेलंगाना / Telangana – 506004, India.

Advertisement for JRF/ SRF recruitment under a DRDO-GTRE sponsored research project

Advertisement No.: MMED/NN-AKP/GTRE/CFCG/JRF

Date: 17.06.2025

Project title	Exploratory studies on effect of fatigue and hold time on crack growth behavior of GTM Ti-64 alloy
Sponsoring agency	DRDO, Gas Turbine Research Establishment (GTRE) Bangalore
Position title	Junior Research Fellow (JRF)/ Senior Research Fellow (SRF)
Duration (in years)	One Year
Number of position(s)	One
Essential qualification	For JRF Position: Essential: B.Tech. or B.E. or Equivalent degree in Metallurgical & Materials Engineering / Mechanical Engineering and M.Tech./ M.E/ Master's/ M.S (by Research) or Equivalent degree in Metallurgical and Materials Engineering and related fields with first class with 60% aggregate or 6.5 CGPA at both UG and PG for GEN/OBC- NCL/GEN-EWS category and minimum 55% aggregate marks or 6.0 CGPA for candidates under SC/ST/PwD category. Desirable: Relevant experience in Mechanical Metallurgy/Physical Metallurgy and various characterization techniques on fatigue / creep-fatigue interaction and analysis will be preferred. Candidates with valid GATE scores will be given preference. For SRF Position: Qualification prescribed for JRF with minimum two years of research experience.
Age limit	28 Years for JRF and 30 Years for SRF
Age relaxation	Upper age is relaxable up to 5 years for SC/ST/OBC/Women and Physically handicapped candidates.
Emoluments (per month)	Rs. 37,000/- + HRA for JRF; Rs. 42,000/- + HRA for SRF
HRA/ Accommodation	HRA as per institute rules. The selected candidate is also eligible for on-campus Hostel & Mess facilities, subject to availability.
Job Nature	Carrying out creep-fatigue crack growth tests and Maintenance of equipment, interpreting results, and preparing reports.
Other benefits	The selected candidates are eligible to register for a Ph.D. degree at NIT, Warangal as per institute rules. However, s(he) needs to apply for a Ph.D. position when the advertisement is open.
How to apply?	Complete the application (as proforma attached/link provided) and submit via google form along with the Bio-data/CV and scanned copy of certificates in a single pdf file. Google form link: https://forms.gle/7CD1bz5a3GMjQTUe6 <div style="text-align: right;">Scan to apply </div>
Submission mode	Soft copy through email and google form
Last date to apply	26/07/2025 @11.59 pm
Whom to contact?	Name: Ajoy Kumar Pandey Designation: Associate Professor Department: Metallurgical and Materials Engineering National Institute of Technology Warangal – 506 004 Telangana State, India
Contact Email ID	ajoy@nitw.ac.in

Please note:

- The position is purely temporary
- Please enclose a brief resume/ curriculum vitae/ bio-data along with the applications form
- List of eligible candidates will be announced on the institute website and also intimated through email or phone.
- Shortlisted candidate will have to attend an interview (ONLINE/OFFLINE)
- If interviews need to be conducted online, candidates are expected to have a good internet connection
- No TA/DA will be paid for attending the interview

Application for the Position of JRF Under GTRE Sponsored Research Project

Advt. No. MMED/NN-AKP/GTRE/CFCG/JRF, dated 17/06/2025

(Please enclose a copy of bio-data/ resume and relevant supporting documents for your claim)

1. Name of the candidate:
2. Father’s name:
3. Date of birth (DD/MM/YYYY):
4. Sex:Male/ Female
5. Marital status:Single/ married
6. Category:OC/OBC/SC/ST
7. Educational qualifications:

Degree	Specialization/ subjects	Board/ University	Year of passing	Class	Percentage/ CGPA
SSC					
Intermediate/ Diploma					
B.Sc./ B.E./B.Tech					
M.Sc./ M.Tech.					
Ph.D.					

8. GATE/ NET/ ICMR/ DBT-SRF score earned/ qualified

Exam (GATE/ NET etc)	Year appeared	Score	Paper/subject Code	All India rank

9. Research/Industrial/Teaching experience

S.No.	Organisation/ industry served	Date/ Month of entry	Date/ Month of leaving	Months/ Years of experience

10. Publications/ conference participations

11. Any other relevant information

Declaration

I hereby declare that all statements made in this application are true, complete and correct to the best of my knowledge and belief. In the event of the information being found false or incorrect or any ineligibility being detected before or after the selection, my candidature is liable to be cancelled. I confirm, that I am available for ONLINE interview, if necessary.

Date:

Signature of the candidate