



राष्ट्रीय प्रौद्योगिकी संस्थान वरंगल
NATIONAL INSTITUTE OF TECHNOLOGY WARANGAL
(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 recruitment under ASM-SMST Sponsored Research Project

Particulars	Details
Advertisement No.	MME/RAK-BSR/SMST/RS-26009/JRF/
Dated	8-9-2026
Project Title	Development of Lightweight Polycrystalline Ti–Al–Cr Shape Memory Alloys: Effects of Alloying and Grain Size
Sponsoring Agency	ASM-SMST
Position	Junior Research Fellow (JRF)
Number of Positions	One
Duration	Maximum 2 years or till completion of project tenure, whichever is earlier
Essential Qualification	B.Tech./B.E. in Metallurgical & Materials Engineering / Mechanical Engineering / Production Engineering / Aerospace Engineering / Materials Engineering; or M.E./M.Tech. in Metallurgical & Materials Engineering / Mechanical Engineering or relevant specialization, with minimum 60% marks or 6.5 CGPA at both UG and PG for GEN/OBC-NCL/GEN-EWS and minimum 55% marks or 6.0 CGPA for SC/ST/PwD. GATE score is not mandatory. (OR) B.Tech./B.E. or equivalent degree in Metallurgical and Materials Engineering / Mechanical Engineering with minimum CGPA 7.5/10 or 70% for GEN/GEN-EWS/OBC-NCL and minimum CGPA 7.0/10 or 65% for SC/ST/PwD. GATE score is not mandatory. (OR) M.Sc. in Physics/Chemistry/Materials Science/Electronics/Nanoscience and Nanotechnology with M.Tech. in Materials Science/ Metallurgy/ Nanoscience and Nanotechnology/Ceramic Engineering/Surface Engineering, with minimum 60% marks or 6.5 CGPA at both UG and PG for GEN/GEN-EWS/OBC-NCL and minimum 55% marks or 6.0 CGPA for SC/ST/PwD. GATE score is not mandatory. (OR) M.Sc. in Physics/Chemistry/Materials Science/Polymer/Electronics/Nanoscience and Nanotechnology/Ceramic Engineering/Surface Engineering and relevant area, with minimum 60% marks or 6.5 CGPA at both UG and PG (wherever applicable) for GEN/GEN-EWS/OBC-NCL and minimum 55% marks or 6.0 CGPA for SC/ST/PwD. GATE score is not mandatory.
Desirable Qualification	Preference will be given to candidates qualified in GATE/UGC/CSIR/INSPIRE/NET or any other relevant national-level examination, with prior experience in alloy casting and deformation processing (e.g., rolling/extrusion), and knowledge of characterization techniques such as SEM, TEM, and XRD.
Age Limit	30 years for GEN/GEN-EWS; 33 years for OBC-NCL; 35 years for SC/ST/PwD/Female candidates, as on commencement date of notification.
Emoluments	₹37,000/- per month for the first 2 years and ₹42,000/- per month for the third year

HRA/Accommodation	HRA as per Government rules applicable to NIT Warangal. Selected candidate is also eligible for on-campus hostel and mess facilities, subject to availability.
Job Nature	✳ Procurement of consumables and other materials required for experiments. ✳ Vacuum arc melting of alloys. ✳ Preparation of specimens using wire-cut EDM ✳ Conducting tensile, hardness, and other mechanical tests as required. ✳ Preparation of samples for microstructural characterization and analysis. ✳ Systematic documentation and analysis of experimental results. ✳ Preparation of technical reports documenting the experimental work and findings. ✳ Preparation and writing of research articles based on the research outcomes. ✳ Attending and presenting research findings at conferences. ✳ Travelling within India, as required, for conducting experiments, characterization, testing, and other research-related activities.
Other Benefits	Eligible to register for Ph.D. at NIT Warangal as per Institute rules; however, the candidate needs to apply for a Ph.D. position when the advertisement is open.
How to Apply?	Complete the application form and submit through the Google Form along with Bio-data/CV and scanned copies of certificates in a single PDF file. Link to apply: https://forms.gle/q6UPC2VbUqewUE69A
Submission Mode	Soft copy through email and Google Form
Last Date	28/09/2026 up to 11:59 PM
Contact Person	Prof. R. Arockia Kumar
Department	Metallurgical and Materials Engineering
Email	arockia@nitw.ac.in
Phone	+91 8332969479
Interview	Shortlisted candidates will attend an online or offline interview.
TA/DA	No TA/DA will be paid for attending the interview.
Nature of Position	Purely temporary

Scan to apply



Application form follows



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Date: 8/9/2026

(Please enclose a copy of bio-data/ resume/ curriculum vitae)

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/EWS/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

Score	Year appeared	Score	All India rank
GATE/ NET/ mention			

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