



NATIONAL INSTITUTE OF TECHNOLOGY WARANGAL
(An Institution of National Importance)
W A R A N G A L – 506004, Telangana State – India
DEPARTMENT OF METALLURGICAL AND MATERIALS ENGINEERING

Adv. No. 02/MME/GVSNR/GTRE/26-27/

Date: 29-07-2026

Advertisement for the Position of Technical Assistant

Applications are invited from interested candidates for one temporary position of **Technical Assistant** under the **DRDO-GTRE** sponsored Project entitled “**Study of High Temperature Characteristics of Aeroengine Alloy under Long Term Exposure**” bearing the sanction number “**GTRE/26CR0001/MTG/GN/CMS-III**”. The Project is for the duration of 3 years.

Details of Qualifications, Emoluments and Duration are given below:

Name of the Position	Technical Assistant (1 No.)
Job Description & Nature of Duties	The position involves operation, routine monitoring, preventive maintenance, documentation, and troubleshooting support for high-temperature creep testing facilities used for long-duration aeroengine material research. • Assist in operation of creep, stress rupture, and other high-temperature testing equipment • Mount and align test specimens under supervision • Set and monitor load and temperature as per prescribed procedures • Maintain test logs, equipment usage records, and safety checklists • Report abnormal behaviour, power failure, or specimen rupture to the project coordinator. • Other lab works assigned by the project coordinator
Eligibility	Essential Qualifications: ITI (Fitter / Machinist / Electrician / Instrument Mechanic) / Diploma (Mechanical / Metallurgical / Electrical / Instrumentation) from a recognized institution. Desirable: Exposure to mechanical / electrical / electronic instruments and equipment; Basic computer skills for data entry and record keeping; Prior exposure to electrical panels, temperature controllers, or digital displays; Prior experience in creep testing is not essential. Selected candidate will be trained in-house. Ability and willingness to: • Follow written Standard Operating Procedures (SOPs) • Work patiently with long-duration tests • Observe laboratory safety practices, especially for high-temperature equipment. • Travel for project related activities
Age Limit	Relaxable. However, young, dynamic and active candidates preferably below 25 years are considered.
Duration/ Tenure	Initially for one year, extendable up to the project duration (maximum 3 years) based on performance and funding availability.
Training & Probation	• The selected candidate will undergo structured in-house training in creep testing. • Appointment will be subject to a probation period of 6–12 months, during which performance, safety compliance, and reliability will be assessed.
Salary	First 2 years: Rs.17600 + 20% HRA p. m. and 3rd year: Rs.22000 + 20% HRA p. m. Institute will not provide accommodation for temporary staff such as JRF/ SRF/Technical Assistant etc. employed under any research/consultancy project.
General Conditions	• The post involves working with high-temperature equipment and long-duration experiments. • The candidate may be required to attend tests outside regular hours, if required. • The decision of the appointing authority shall be final.

Note:

- The appointment is purely temporary and co-terminus with the project.
- The institute reserves right to fill or not to fill the position.



NATIONAL INSTITUTE OF TECHNOLOGY WARANGAL
(An Institution of National Importance)
W A R A N G A L – 506004, Telangana State – India
DEPARTMENT OF METALLURGICAL AND MATERIALS ENGINEERING

Special Conditions:

1. Nature of Appointment: The appointment is purely temporary, project-based, and co-terminus with the project. It does not confer any claim for regular appointment in the Institute or the sponsoring agency.
2. Nature of Work: The selected candidate shall assist in the operation, monitoring, maintenance, and upkeep of high-temperature creep testing facilities and associated laboratory equipment, besides carrying out other project-related technical assignments as directed by the Principal Investigator.
3. Weekend/Holiday Monitoring (Most Important): Since the project involves long-duration high-temperature experiments, the selected candidate may be required to visit the laboratory on Saturdays, Sundays, or Institute holidays for short-duration monitoring of ongoing experiments, whenever instructed by the Principal Investigator. Appropriate flexibility shall be provided on other working days, wherever feasible, depending on project requirements.
4. Working Hours: The selected candidate should be willing to work beyond normal working hours whenever experimental requirements demand.
5. Availability: The selected candidate should normally remain available at headquarters during periods when critical experiments are in progress. Any planned absence shall be informed sufficiently in advance to facilitate appropriate planning of experimental work.
6. Leave: Leave shall be governed by the Institute and project rules. Leave should be planned in consultation with the Principal Investigator so that ongoing experiments and project activities are not adversely affected.
7. Training: The selected candidate shall undergo training in the operation and routine maintenance of laboratory equipment and shall be expected to independently perform assigned responsibilities after completion of the training.
8. Laboratory Discipline: The selected candidate shall maintain laboratory discipline, safety, cleanliness, and proper documentation of all assigned work.
9. Project Confidentiality: The selected candidate shall maintain confidentiality of all project-related information, data, reports, and documents during and after the tenure of the project.
10. Performance Review: Continuation of the appointment shall be subject to satisfactory performance, conduct, attendance, discipline, and project requirements.
11. Termination: Unauthorized absence, failure to discharge assigned duties, or unsatisfactory performance may result in termination in accordance with the applicable rules and conditions of appointment.

• **How to Apply:**

Interested candidates are required to apply in the prescribed application format. Completed application with the copies of certificates/supporting documents should be sent as a **softcopy (all in one PDF file)** by email to gvsnr@nitw.ac.in on or before **5 p.m. of 24-08-2026**. The **hard copy of the application with all certificates / supporting documents also to be sent by registered post to the address mentioned below** to reach by **03-09-2026**. Institute is not responsible for any postal delay. The mode of interview will be offline.

• **Selection Procedure:**

The list of shortlisted candidates and interview date will be displayed on the institute website www.nitw.ac.in.

Address

Dr. G. V. S. Nageswara Rao

Project Coordinator & Professor (HAG)

Department of Metallurgical and Materials Engineering

National Institute of Technology Warangal

Hanumakonda – 506004

Telangana, India

Email: gvsnr@nitw.ac.in



Application for the Position of Technical Assistant

DRDO-GTRE Sponsored Project: “**Study of High Temperature Characteristics of Aeroengine Alloy under Long Term Exposure**”, sanction No. GTRE/26CR0001/MTG/GN/CMS-III”.

Last Date of Application:

Soft copy on or before 24-08-2026 (5 pm) by Email

Hard copy on or before 03-09-2026 (by Registered post)

Applicants are required to submit both soft and hard copies.

1. Name in full (In BLOCK LETTERS):

.....

2. Date of Birth (DOB):

3. Sex (M/F):

4. Marital Status (Single/Married):

5. Nationality:

6. Phone No:

7. Mobile No:

8. Email address:

9. Address:

Correspondence:

.....
.....
.....
.....

Permanent:

.....
.....
.....
.....

Affix signed
passport size
recent photograph

10. Qualifying Degree:(SSLC/matriculation/10th class onward, attach the copy of proof)

Examination (Mention specialization if applicable)	Name of the institution	Name of Board/University	Year of Passing	Percentage of Marks / Class / CGPA

11. Details of Experience if any: (Enclose certificates of proof)

DECLARATION

I,, S/o.
hereby declare that all the 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.

Date:

Place:

Signature of the Applicant