



**NATIONAL INSTITUTE OF TECHNOLOGY
WARANGAL**
TEMPLATE FOR ADVERTISEMENT FOR THE SELECTION OF PROJECT
STAFF (Form – E-3)

Advertisement for JRF recruitment under a research project

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

Date: 25.01.2023

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)
Duration (in years)	2.5 Years
Number of position(s)	One
Essential qualification	<p>B.Tech. or B.E. or Equivalent degree in Metallurgical & Materials Engineering / Mechanical Engineering and M.Tech. or M.E. 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.</p> <p style="text-align: center;">OR</p> <p>B.Tech. or B.E. or Equivalent degree in Metallurgical & Materials Engineering / Mechanical Engineering and at least CGPA of 8.0/10 or 75% of marks under GEN/GEN-EWS/OBC- NCL category and at least CGPA of 7.5/10 or 70% for candidates under SC/ST/PwD category.</p> <p><i>Note: GATE score is NOT mandatory.</i></p>
Age limit	32 years
Age relaxation	Upper age is relaxable up to 5 years for SC/ST/OBC/Women and Physically handicapped candidates.
Desired qualifications	Relevant experience in Mechanical Metallurgy/Physical Metallurgy and various characterization techniques on fatigue / creep-fatigue interaction and analysis will be preferred.
Emoluments	Rs. 31,000/- pm for the first 2 years and 35,000/- pm for the third year.
HRA/ Accommodation	HRA as per institute rules. The selected candidate is also eligible for on-campus Hostel & Mess facilities, subject to availability.
Job nature	Maintenance of equipment and Carrying out creep-fatigue crack growth test, 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?	<p>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.</p> <p>Google form link: https://forms.gle/Umx7rrdg2WYLouZb9</p>
Submission mode	Soft copy through email and google form
Last date to apply	15/02/2023 @11.59 pm
Whom to contact?	<p>Name: Ajoy Kumar Pandey</p> <p>Designation: Associate Professor</p> <p>Department: Metallurgical and Materials Engineering</p> <p>National Institute of Technology Warangal – 506 004</p> <p>Telangana State, India</p>
Contact Email ID	ajoy@nitw.ac.in

Please note:

- The position is purely temporary
- Please send as a bio-data/cv/ curriculum vitae/ bio data along with the applications form

APPLICATION FOR THE POSITION OF JRF POSITION UNDER GTRE SPONSORED RESEARCH PROJECT

Advt. No. MMED/NN-AKP/GTRE/CFCG/JRF, dated 27/01/2023

(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/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