



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 a research project

Advertisement No.: MMED/RAK-BSR/CRG/JRF/

Date: 13/06/2024

Project title	Development of zinc-based biodegradable alloys through scalable severe plastic deformation techniques
Sponsoring agency	DST-SERB-Core Research Grant (CRG)
Position title	Junior Research Fellow (JRF)
Duration (in years)	2 years and 10 months
Number of position(s)	One
Essential qualification	Essential: 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. GATE score is NOT mandatory. OR 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. GATE score is NOT mandatory. OR M.Sc. in Physics/ Materials Science/ Nanoscience and Nanotechnology with M.Tech. in Materials Science/ Metallurgy/ Nanoscience and Nanotechnology/ Ceramic Engineering/ Surface Engineering with minimum of 60% aggregate marks or 6.5 CGPA at both UG and PG (wherever applicable) for GEN/ GEN-EWS/ OBC-NCL category and minimum 55% aggregate marks or 6.0 CGPA at both UG and PG for SC/ ST/ PwD category. All candidates must have qualified in GATE/ UGC/ CSIR/ INSPIRE/ NET. OR M.Sc. in Physics/ Materials Science/ Nanoscience and Nanotechnology/ Ceramic Engineering/ Surface Engineering with minimum of 60% aggregate marks or 6.5 CGPA at both UG and PG (wherever applicable) for GEN/ GEN-EWS/ OBC-NCL category and minimum 55% aggregate marks or 6.0 CGPA at both UG and PG for SC/ ST/ PwD category. All candidates must have qualified in GATE/ UGC/ CSIR/ INSPIRE/ NET.
Age limit	28 years
Age relaxation	Upper age is relaxable up to 5 years for SC/ST/OBC/Women and Physically handicapped candidates.
Desired qualifications	Candidates having relevant experience in Mechanical Metallurgy/Physical Metallurgy and various characterization techniques/ modelling and simulation using Abacus/ Ansys/ Deform software will be preferred.
Emoluments	Rs. 37,000/- pm for the first 2 years and 42,000/- pm for the third year.
HRA/ Accommodation	HRA as per the DST rules. The selected candidate is also eligible for on-campus Hostel & Mess facilities, subject to availability.
Job nature	Carrying out the experiments as in the research project, 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:

Submission mode	Soft copy through email and google form
Last date to apply	14/07/2024 @11.59 pm
Whom to contact?	Name: Dr. R. Arockia Kumar Designation: Associate Professor Department: Metallurgical and Materials Engineering National Institute of Technology Warangal – 506 004 Telangana State, India. Please feel free to contact through mobile: 8332969479
Contact Email ID	arockia@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

The proforma of the application is attached to this advertisement. The editable template is also downloadable at the following link

https://docs.google.com/document/d/1ZgzRkxkSqcjnf7iFXkDfKRc6w3EeMh-Q/edit?usp=drive_link&oid=114492828290984181759&rtpof=true&sd=true

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

Advertisement No.: MMED/RAK-BSR/CRG/JRF/

Date: 13/06/2024

(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