



NATIONAL INSTITUTE OF TECHNOLOGY WARANGAL

Department of Metallurgical and Materials Engineering

ADVERTISEMENT FOR THE SELECTION OF PROJECT STAFF

Advertisement for ~~SRF/JRF/RA~~ recruitment under DST-SERB-CRG Project

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|--|--|
| Project title | Towards 3-tesla coercivity Nd-Fe-B magnets without dysprosium addition into the bulk |
| Sponsoring agency | Science and Engineering Research Board (SERB) – Core Research Grant |
| Position title | Junior Research Fellow (JRF) |
| Duration (in years) | 30 months (2.5 years) |
| Number of position(s) | One |
| Essential qualification | B.E./B.Tech/ or equivalent degree in Metallurgical and Materials Engineering/Mechanical Engineering & M.E./M.Tech/ or equivalent degree in Metallurgical and Materials Engineering and related specializations with minimum 60% aggregate marks (CGPA \geq 6.5/10) in UG & PG to qualify under OC/OBC category and minimum 55% aggregate marks (CGPA \geq 6.0) for candidates under SC/ST/PwD category. Note: GATE score is mandatory. |
| Desired qualifications | Prior knowledge of materials processing, microstructural characterization and magnetism |
| 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 | Candidate is expected to perform processing and heat treatment of rare-earth magnetic materials, measure the magnetic properties and characterize their microstructure using XRD, SEM and TEM. |
| Other benefits | The selected candidates are eligible to register for PhD degree at NIT, Warangal as per institute rules. However, s(he) needs to apply for PhD position when the advertisement is open. |
| How to apply? | The proforma of application is attached with this advertisement. Complete and send to an email uma.seelam@nitw.ac.in along with the Bio data/CV and scanned copy of certificates. |
| Submission mode | Soft copy |
| Last date to apply | 04/03/2021 @11.59pm |
| Whom to contact? | Name: Dr. Uma Maheswara Rao Seelam Designation: Assistant Professor Department: Metallurgical and Materials Engineering National Institute of Technology Warangal – 506 004 Telangana State, India |
| Contact Email ID | uma.seelam@nitw.ac.in |
| Please note: | |
| <ul style="list-style-type: none">○ 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 Interview need to be conducted online, candidates are expected to have good internet connection○ No TA/DA will be paid for attending interview | |

APPLICATION FOR THE POSITION OF JRF POSITION UNDER DST-SERB-CRG PROJECT

Advt. No. NITW/MME/UMRS/2021/CRG-JRF

Dated: 18/02/2021

(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 | | | | | |
| 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 |
|-------|-------------------------------|----------------------|------------------------|-----------------------------|
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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