Applications are invited from Indian Nationals only for Junior Research Fellow (JRF) position in DST sponsored research project under the Project Investigator Dr. N. Ramesh Babu, Department of Metallurgical and Materials Engineering, Tiruchirappalli-620015, Tamil Nadu.

1. **Title of the Project**: Corrosion and wear resistant ceramic composite coatings on reactor grade zircalloys by plasma electrolytic oxidation for nuclear fuel cladding applications

2. **Funding Agency**: DST, New Delhi

3. **Project Position and Number**: JRF and 1 No


5. **Preferred qualifications**: Qualified in GATE, Papers in Journals/Conferences

6. **Age**: Below 35 years

7. **Emoluments**: Rs 25000/- + 10% HRA (HRA, if accommodation not availed in NITT)

8. **Duration**: One year and it can be extended for another one year subjected to the JRF’s performance and receipt of funds from DST.

9. **Job Description**
   1. JRF will be engaged in the experimental work to meet the objectives of the project work
   2. Operation and maintenance of the equipment.
   3. Any other works related to the project

10. **Last date and time**: The last date and time of submission of duly filled in application is **2.00 pm, 08-07-2017**

11. **Written test and Interview**: **10.00 am, 10-07-2017**

A. Candidates desiring to appear for this recruitment should submit their applications with the following documents to the Office of the Project Investigator through Speed Post /e-mail (scan copy with signatures)/ in-person.

B. Candidates desiring to appear for the interview shall ensure that they are eligible for the position with required qualifications

C. Application should be furnished only in the prescribed format before the last date and time. We are not responsible for postal delays.

D. Provide proof for educational qualifications (copy of certificates), experience and research publications, etc. Without proof, the applications will be rejected.

E. Self-Attest the copies of degree certificates and experience certificates

F. Candidates shall bring along with them the original certificates at the time of interview for verification.

G. Please note that no TA/DA is admissible for attending the interview.

H. Copy of the journal publications and GATE score card to be enclosed

**Submit Application to**

Dr. N. Ramesh Babu  
Principal Investigator-DST project  
Assistant Professor  
Department of Metallurgical and Materials Engineering  
NIT Trichy, Tamil Nadu, Pincode: 620015  
Email: nrb@nitt.edu
APPLICATION FOR THE POST OF JRF in the project titled “Corrosion and wear resistant ceramic composite coatings on reactor grade zirconloy by plasma electrolytic oxidation for nuclear fuel cladding applications”

1. Name of the Candidate in full

2. Nationality

3. Date of Birth

4. Sex

5. Marital Status

6. Category

7. Address for communication

8. Name of the Post applied for

9. Advertisement Number with Date

Academic Career: Enclose photo copies of the qualifying degree certificates and mark sheets/grade cards showing the percentage of marks or CGP from Degree onwards

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<th>Broad subjects of study</th>
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Enclose self-attested Photocopies

12. GATE Score/Percentile

(Enclose GATE score card copy)

14. Work Experience, if any (Enclose experience certificates)

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14. Previous Research work and publication, if any (enclose copies of published work)

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15. Proof of past study as a sponsored candidate, or other contractual obligation, if any:

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16. Reference

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17. Declaration: I do hereby state that the information furnished in the application is true to the best of my knowledge and belief. If admitted, I shall abide by the rules and regulations of the Institute and Project associated to it. If any information furnished in this application is found to be untrue, I am liable to forfeit the seat / appointment allotted to me any time in future and legal action be taken against me.

Date: ___________________________ Full Signature of the Applicant

List of Enclosures: (1) 
(2) 
(3) 
(4)