

OFFICE OF THE DEAN (R & C), NIT, TRICHY
ADVERTISEMENT IN NITT WEBSITE FOR RECRUITMENT OF PROJECT STAFF

Date: 26th July, 2021

Applications are invited from Indian Nationals with valid GATE scores or National Level Eligibility Test for Junior Research Fellowship (JRF Positions) as per the details given below, (for research project, under the principal investigator Dr. J. Sarat Chandra Babu, Professor, Department of Chemical Engineering in National Institute of Technology, Tiruchirappalli-15, Tamil Nadu.

1. Title of the Project - **FRACTURE OF AMMONIUM PERCHLORAT CRYSTAL PARTICLES UNDER IMPACT, SHEAR AND COMPRESSION.**
2. Funding Agency for the Project specimen - **ISRO STIC Cell and funded by ISRO**
3. Project Positions and Number – **Junior Research Fellow & 01 No.**
4. Qualifications - **M Tech (Gate) Chemical Engineering/ Mechanical Engineering/ MME/ Production Engineering/ equivalent PG degree in related discipline.**
5. Emoluments INR: **Rs. 35,960/- inclusive of HRA**
6. Duration – **18 months**
7. Job Description – **A. Evaluation of Fracture Models for Single Particle**
B. Experiments Design and Measurement of Stresses and Loads

Desirable – **Knowledge on Crystal Structures/ defects or fractography**

The interview will be held at Chemical Engineering Committee room tentatively on 30th August, 2021 at 09:30 AM. In case of any change in interview, timing and date will be intimated through email to the applicants screened for interview.

- A. Candidates desiring to appear for the Interview should send duly filled in application form to email id: sarat@nitt.edu on or before August 23rd, 2021 (Word as well as PDF format). Please note that there is no need to attach certificates in email.
- B. Applicants who have already responded to the previous advertisement during November, 2020 may apply again, if they possess additional qualifications.
- C. Candidates before appearing for the interview shall ensure that they are eligible for the position they intend to apply.
- D. Candidates shall bring along with them the duly filled in application form and original certificates at the time of interview for verification. The dully filled application of hard copy has to be submitted during the interview.
- E. Please note that no TA/DA is admissible for attending the interview.
- F. The application should be submitted only in the prescribed format.
- G. Mere full filling the above criteria will not be sufficient. The higher criteria for the selection of the candidates may be imposed based on the applicant's qualifications and number of applications received for this post.
- H. The selection committee decision is final. If any applicant is found to canvass in any manner, the candidate selection shall be summarily rejected.

Dr. J. Sarat Chandra Babu,
Professor,
Department of Chemical Engineering
Principal Investigator