



Department of Mechanical Engineering

राष्ट्रीय प्रौद्योगिकी संस्थान, मणिपुर

NATIONAL INSTITUTE OF TECHNOLOGY, MANIPUR

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No. NITM.1/(277-Estt)/CRG/Dushyant/2021/110

Date: 11/03/2022

Advertisement for the post of Junior Research Fellow (JRF) in a SERB (CRG) funded Research Project

Applications are invited from the Indian nationals for the position of “Junior Research Fellow” in a Science and Engineering Research Board (**SERB**) under Core Research Grant (**CRG**)- **DST, New Delhi- Govt. of India**, funded research project with following details:

Title of the project: Novel cooling techniques for substrate exposed to very high temperature

Principal Investigator (PI): Dr. Dushyant Singh (**PI**), Assistant Professor, Department of Mechanical Engineering, National Institute of Technology Manipur, Langol, Imphal West- Manipur 795004 (**Mob:** +91-7085680624; **Email:** dushyant7raghu@gmail.com; dushyant@nitmanipur.ac.in)

Name of Positions	Junior Research Fellow (JRF)
Number of JRF position	01
Essential qualifications	Post-Graduate (M.Tech/ME) in Mechanical Engineering with specialization in Thermal Engineering or equivalent in an related filed OR B.Tech/B.E in Mechanical Engineering or related field (Should have qualified through GATE or CSIR-UGC NET)
Desirable qualifications/experience	Preference will be given to candidates with working experience relevant to the project. Candidates with one or more of the followings skills are strongly encouraged to apply: <ul style="list-style-type: none">• Good research potential in the fluid and heat transfer area (in the form of the enthusiastic and determined individual who can work both independently as well as in the context of a team)• Good skill in designing, building and conducting the experimental work.• Workable experience in ICEM CFD, FLUENT, OpenFOAM, programming languages (C or FORTRAN) and various CAD software may be beneficial.• Core Background in the following subject knowledge: Fluid Mechanics, Heat Transfer and CFD.• Candidates with proven technical writing skill with publications record in reputed SCI journal may be preferred
Salary :	Rs 31,000/- per month + HRA (as applicable)
Duration	Three year or up to the termination of the project, subject to half-yearly performance review.

How to apply

Interested candidates must apply on the application form attached with this advertisement. Duly filled in application forms along with the recent passport size photograph, self-attested photo copies of the degree certificate and mark sheets with candidate's detailed CV must be sent to Principal Investigator, "**Dr. Dushyant Singh (PI), Assistant Professor, Department of Mechanical Engineering, National Institute of Technology Manipur, Langol, Imphal- Manipur 795004**" in the prescribed format by hand or speed/registered post by **Friday, 01st April 2022 (on or before 5:00 PM)**. On the envelope please inscribe "**Application for the post of JRF in Mechanical- File No. CRG/2021/001213**". The scanned copy of the application form along with all relevant supporting documents of candidates must be e-mailed to the PI, Dr. Dushyant Singh at dushyant7raghu@gmail.com ; dushyant@nitmanipur.ac.in to reach him by **Friday, 01st April 2022**.

Only shortlisted candidates will be called for interview and no TA/DA will be paid for attending the interview. Candidates should make their own arrangements for stay.

Conditions:

- 1)** No TA/DA will be provided to the candidate for the interview. Considering the situation, there is possibility that the interview may be conducted in online mode.
- 2)** The PI shall not be responsible for any technical or any other reason for non-receipt of the document at the specified time and will result in disqualification/rejection of the application.
- 3)** A screening committee shall shortlist the candidates to be called for interview, based on the specialization, qualifications, experience over and above availability of candidates and requirements as per the project.
- 4)** List of the shortlisted candidates will be uploaded in the institute website (www.nitmanipur.ac.in) and shortlisted candidates will be informed by e-mail about the interview date. Therefore, the candidate must provide valid e-mail IDs and contact number in their applications **and no separate call letter will be issued**.
- 5)** Only the shortlisted candidate will be informed. No communication from other candidates will be entertained.
- 6)** **Tentative date of interview of the shortlisted candidates will be between 4th – 8th April, 2022** in the Department of Mechanical engineering, NIT Manipur, Langol campus, West Imphal-Manipur- 795004.
- 7)** Written/interview procedures will be decided by the selection committee.
- 8)** Original documents of age proof/certificates/degrees/mark sheets and other testimonials must be presented at the time of interview. The applicant will be responsible for the authentic of information, other documents and photograph submitted.
- 9)** Mere fulfilment of the required qualifications and experience does not entitle a candidate to be shortlisted or called for interview. The Principal Investigator of the project reserves the right to fill or not fill the position.
- 10)** The appointment of the candidate will be governed by the terms and conditions of the Institute/ funding agency particularly applicable to the said project as and when required.
- 11)** The selected candidate will have to join duty immediately on receipt of the offer.
- 12)** The fellowship may be terminated with a 30-day notice before completion of the tenure, if performance till date is not deemed satisfactory.