



Dr B R Ambedkar National Institute of Technology, Jalandhar
G T Road Bye Pass, Jalandhar (Punjab) INDIA – 144011
(An Institute of National Importance)

Dated: 28/02/2020

Advertisement for the Post of Junior Research Fellow

Applications are invited for the one post of Junior Research Fellow (JRF) under Science and Engineering Research Board (SERB), IMPRINT-II Scheme funded research project entitled “Experimental Investigation on Tower Type Hybrid Vapour Compression Refrigeration (VCR) and Humidification-Dehumidification (HDH) Desalination Plant” (No. IMP/2019/000444). The principal investigator is Dr. Tangellapalli Srinivas, Associate Professor, Department of Mechanical Engineering, NIT Jalandhar.

The staff will be appointed for one year purely on temporary basis.

Details of post, qualifications, emoluments and duration are as follows

Name of the post	Junior Research Fellow
Number of posts	01
Eligibility	First class with not less than 60% aggregate (or) not less than 6.5 CGPA on a 10 point scale in B.Tech/B.E in Mechanical Engineering with valid GATE score and two years of research experience. Or First class with not less than 60% aggregate (or) not less than 6.5 CGPA on a 10 point scale in BE/B.Tech. in Mechanical Engineering and M.Tech/ME in the specializations of Thermal Engineering (or) Refrigeration and Air Conditioning from a recognized technical institute/university as a full time program with valid GATE score and two years of research experience or First class with not less than 60% aggregate (or) not less than 6.5 CGPA on a 10 point scale in BE/B.Tech. in Mechanical Engineering and M.Tech/ME in the specializations of Thermal Engineering (or) Refrigeration and Air Conditioning from a recognized technical institute/university as a full time program selected through any other national level examinations conducted by Central Government Departments & their agencies and institutions such as; IIT/IISc/IISER/ICMR/ICMR/ICAR/DST/DBT/DAE/DOS/DRDO/MHRD/IES/ISRO etc. and two years of research experience.
Duration	One year
Consolidated Salary	Fellow ship of Rs. 31,000/- pm for one-year duration HRA as approved by SERB and institute norms (Rs.4,960/-)
Other Benefits	The selected candidate may be registered for Ph.D. at NIT Jalandhar as per the institute norms.

Age limit	32 years as on the last date of submission of application. However, age relaxation will be given for the deserving candidates.
Desired skills	<ul style="list-style-type: none"> ✓ Knowledge in Refrigeration and Air-conditioning design and processes simulations ✓ CFD ✓ Solid works and animations ✓ MATLAB programming ✓ Ability to write technical research articles, work on team and good communication skills

How to apply: Interested and eligible candidates are requested to apply in the prescribed application format given below along with a covering letter. Filled in hard copy of application with the supporting copies of certificates should be sent by post/courier to the correspondence address given below with a superscription on the envelope containing “Application for the post of Junior Research Fellow (SERB-IMPRINT-II)” so as to reach by 31st March, 2020. The softcopy with attachments can be mailed to srinivast@nitj.ac.in with a subject line of JRF-SERB, IMPRINT-II.

The institute reserves the right to accept application at any time, and consider candidates for candidates of exceptional credentials without applications. Mere possessing the prescribed qualification does not ensure that the candidate would be called for interview. The candidates will be shortlisted on the basis of merit and need of the project. Shortlisted candidates will be informed by email (apart from website) about the interview date. The candidates must provide valid email ids in the application. Shortlisted candidates have to present themselves for the interview on the interview date with updated CV and original and attested photocopies of mark sheets/certificates in support of their academic qualifications. Applicants in employment (private, government or any other organization) are required to submit a ‘No Objection Certificate’ (NOC) from the employer at the time of the interview. No TA/DA will be paid for appearing the interview. Candidates called for written test/interview will be posted I the institute website.

Address for Correspondence

Dr. Tangellapalli Srinivas

Principal Investigator, SERB, IMPRINT-II Project

Associate Professor, Department of Mechanical Engineering

Dr. B.R. Ambedkar National Institute of Technology, Jalandhar

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Application for the Position of JRF

1. Name of the candidate (BLOCK LETTERS):

2. Father's name (BLOCK LETTERS):

3. Date of birth: (DD/MM/YYYY):

Sex (Male/Female):

Marital status (single/married):

Nationality:

Category: SC/ST/OBC/PWD/General:

4. Address

Correspondence:

Permanent:

5. Phone numbers: Land line with STD code: _____ Mobile: _____

6. Email id:

7. Academic qualifications (starting from SSC or equivalent)



Name of Exam/Course passed	Name of the school/institute/university	Year of passing	Discipline/Specialization	Percentage of marks/CGPA Out of 10

8. Gate/Any other: Qualified (Yes/No): Score: _____, Rank: _____, Year _____.

Specialization:

9. Experience of Teaching (if any) and R&D (attach copy of experience certificate and NOC in case working)

10. Are you interested to register for Ph.D. at NIT Jalandhar, if selected: Yes/No.?

11. Contact details of two referees:

Details	Referee I	Referee II
Name		
Designation		
Organization		
Office address		
Phone number		
Email id		

12. Publications if any (attach copies of best three papers in your opinion):

13. For any other relevant information:

DECLARATION

I hereby declare that all the information furnished in this application is true to the best of my knowledge and belief. In the event of the any information being found false/incorrect or any ineligibility being detected before or after the selection, my candidature is liable to be cancelled. If selected, I promise to abide by the rules and regulations of the Institute.

Date:

Place:

Signature of the Candidate

Note: If any extra information is to be furnished, separate sheets may be attached.