



NATIONAL INSTITUTE OF TECHNOLOGY
WARANGAL – 506 021, T.S – INDIA
DEPARTMENT OF CIVIL ENGINEERING

No.: NITW/CED/ES/TPT/MHRD-IMPRINT/JRF/ADVT/2020/02

Date: 23/03/2020

Advertisement for the Post of Junior Research Fellow

Applications are invited from the interested candidates for **ONE** post of **Junior Research Fellow (JRF)** under IMPRINT-MHRD Scheme, Science & Engineering Research Board (SERB), India, sponsored research project titled “**Non-destructive damage detection and damage quantification in composite (HAP) panels.**” **File No.: IMP/2018/001756**. The staff will be appointed initially for one year (**Purely on Temporary basis**) and the services may be extended till the end of the project based on the performance review.

Details of post, Qualifications, Emoluments and Duration are:

Name of the Post:	Junior Research Fellow (JRF) (purely on Temporary basis)
Number of posts :	01 - Post
Eligibility :	<ul style="list-style-type: none">• First class with not less than 60% aggregate (or) not less than 6.5 CGPA on a 10 point scale in B.Tech/BE in Civil Engineering (or) allied specializations with valid GATE Score. OR• First class with not less than 60% aggregate (or) not less than 6.5 CGPA on a 10 point scale in BE/BTech in Civil Engineering (or) allied specializations and M.Tech/ ME in the specializations of Structural Engineering (or) Applied Mechanics (or) allied specializations from a recognized technical Institute/University as a full time program with valid GATE Score. 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 Civil Engineering(or) allied specializations and M.Tech/ ME in the specializations of Structural Engineering (or) Applied Mechanics (or) allied specializations 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/ICAR/DST/DBT/DAE/DOS/DRDO/MHRD/IES/ISRO etc.
Duration :	Initial appointment for a period of one year and may be extended up to the period of project duration based on annual performance review.
Consolidated Salary :	1. Fellowship of Rs.31,000/- pm for first 2 years of project duration. 2. HRA as approved by SERB and institute norms as applicable OR Selected candidate is eligible for on campus Hostel & Mess facilities at their own expenses.
Other Benefits	Candidate interested to pursue PhD degree at NIT Warangal may apply for the JRF post.
Age Limit:	32 years as on the last date for submission of application. However, age relaxation will be given for the deserving candidates.

Desired Skills :-

- **Simulation & Practical implementation of NDT & health monitoring of composite panels.**
- Strong fundamentals in structural engineering/solid mechanics subjects including- Elasticity, FEM, Structural Dynamics, Structural Reliability, Wave propagation, etc.
- Knowledge of simulation software such as ABAQUS, etc.
- Ability to conduct hands on experimental studies on composite panels with embedded sensors using electronics equipment such as- function generators, data acquisition system, etc.
- Knowledge of Matlab programming.
- Ability to write technical research papers, work in a team and good communication skills.
- Basic knowledge of electronics and signal processing is desirable.

How to apply: Interested and eligible candidates are required to apply in the prescribed application format available in the institute website www.nitw.ac.in. Filled in SCANNED copy of application **with** the supporting copies of certificates in **PDF format** should be sent **by EMAIL** to the correspondence address given below so as to reach by **23rd April, 2020.**

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Attention:

- The applicant will be responsible for the authenticity of information, other documents and photograph submitted.
- The Institute reserves the right to accept application at any time, and consider 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 E-mail 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 interview.
- No TA/DA will be paid for appearing in the interview.
- Last date for receiving the duly filled in application is **23rd April, 2020.**
- Candidates called for written test/interview will be posted in the Institute website.

ADDRESS FOR CORRESPONDENCE:

Dr. T. P. Tezeswi,

Principal Investigator, IMPRINT-II Project

Department of Civil Engineering

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Application for the Position of JRF

(Under IMPRINT-SERB MHRD Sponsored Project : IMP/2018/001756)

1. Name of the Candidate (BLOCK LETTER):

2. Father’s Name (BLOCK LETTER):

3. Mother’s Name (BLOCK LETTER):

4. (a) Date of Birth: (DD/MM/YYYY) : _____

(b) Sex (Male/Female) : _____

(c) Marital Status (Single/Married):

(d) Nationality:

(d) Category: SC/ST/OBC/PWD/General:

5. GATE/Any other: Qualified (Yes/No): Score: _____, Rank: _____ Year: _____.

Specialization: _____

7. Are you interested to register for PhD at NIT Warangal, if selected? Yes /No.

8. Academic Qualifications (Starting from Standard 10 or equivalent Examination):

Name of Exam/Course Passed	Name of the School/ Institute/ University	Year of Passing	Discipline/ Specialization	Percentage of Marks/ CGPA out of 10

9. Experience of Research & Teaching (attach copy of experience certificate and/or NOC):

10. Phone Numbers: Landline with STD code: _____ Mobile No :

11. Email ID:

Affix signed
passport size
recent
photograph

12. Address

(i) Correspondence:

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(ii) Permanent:

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13. Contact Details of two referees :

Details	Referee I	Referee II
Name:		
Designation:		
Organization:		
Office Address:		
Phone Numbers:		
Email ID:		

14. Publications if any (attach copies of best THREE papers in your opinion):

15. 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.