

**INDIAN INSTITUTE OF TECHNOLOGY PATNA
BIHTA PATNA-801106
RESEARCH & DEVELOPMENT UNIT**

ADVERTISEMENT NO: R&D/412/AISTDF/170

DATED: June 23, 2020

Project No. **AISTDF 412**

Applications are invited in the prescribed format only for the following assignment in a purely time bound research project undertaken in this institute.

- 1. (a) Name of the temporary assignment** : Junior Research Fellow (JRF) or Senior Research Fellow (SRF)
(b) Number of Post : One (01)
(c) Duration of the Post : Up to 08.10.2021
- 2. Name of the temporary research project:** Effect of cyclic creep in rolling contact fatigue of railways
- 3. Name of the sponsoring Agency** : AISTDF, Science and Engineering Research Board (SERB)
- 4. Fellowship/Salary** : Rs. 31,000/- plus 8% HRA for the JRF, and Rs. 35,000/- plus 8% HRA for SRF

5. Qualifications & Experience

For SRF: BE/B.Tech in Mechanical/Metallurgy or equivalent, in addition, ME/M. Tech in Mechanical/Metallurgy and two years research experience in relevant field.

For JRF: BE/B.Tech in Mechanical/Metallurgy or equivalent, in addition, valid GATE score or ME/M. Tech in Mechanical/Metallurgy or equivalent, or equivalent research experience as per GoI rule.

The candidate desirably should have BE/B.Tech or ME/M.Tech degree with a minimum CPI of 6.5 or 60% of marks. The upper age limit for applying for the SRF/JRF position shall be 28 years for BE/B.Tech, 32 years ME/M.Tech, Upper limit is 35 Years for experienced candidate. Relaxations for SC/ST/OBC/women/PD will be given as per the GOI rule. Working/research experience in the field of rolling contact fatigue, fatigue and fracture, finite element simulation, or relevant areas will be given preference.

Online WRITTEN TEST and WALK-IN INTERVIEW are scheduled on 7th & 8th July 2020. Online selection process will be done to maintain the safety of appearing candidates and IIT Patna personnel due to the current pandemic situation.

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Description of the ONLINE MODE of the selection process:

Date of ONLINE TEST: 7th July 2020

Date of ONLINE INTERVIEW: 7th July 2020 (only for those who clear the online test.

**8th July 2020 has been kept as the reserve day in case of
large number of applicants.**

Application procedure to be followed:

1. Candidates interested in this position and satisfying the qualification criteria should write an email to the project investigator Dr. Surajit Kumar Paul, Dept. of Mechanical Engineering, IIT Patna (Email IDs: surajit@iitp.ac.in and surajitpaul2009@gmail.com).
2. The **subject of the email** should read as “*JRF/SRF Position AISTDF 2020*”. The last date for receiving this email is 3rd July.
3. The email should clearly express the interest in appearing for the ONLINE mode of selection process scheduled on **7th July -8th July 2020**. It is the responsibility of the applicant to ensure that they have a reliable internet connectivity on these dates.
4. The email MUST include the **scanned/pdf copy of duly filled application form** (see attached word document) with applicant’s signature.
5. The email MUST include **scanned/pdf copy of all supporting documents** (certificates, mark-sheets, GATE scorecard, and degrees).
6. IIT Patna reserves the right to not shortlist any candidate in case the email does not contain complete information backed up by supporting documents as listed above.

All candidates who express interest via email by **3rd July 2020 (deadline)** and are found eligible will be informed regarding the further details of ONLINE selection process via email by **5th July 2020**. Applicants may meanwhile also contact Dr. Surajit Kumar Paul for further details on the research going in the Deformation and Damage Laboratory (DDL), IITP.

Deputy Registrar

Copy to:

1. Associate Dean, R&D, IIT Patna
2. Advertisement file
3. Project file

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PROJECT CODE: R&D/SP/ME/AISTDF/2019-20/412

ADVT NO: R&D/412/AISTDF/170

DATED: June 23, 2020

APPLICATION FORM FOR JRF in the Dept. of Mechanical Engineering at IIT Patna

NAME IN CAPITAL: _____

Date of Birth: _____ [dd/mm/yy]

PHONE NUMBER: _____

GMAIL ID: _____ [required]

ALTERNATE EMAIL ID: _____

POSTAL ADDRESS: _____
 _____ **PIN** _____

CASTE CATEGORY: _____ [General/OBC/SC/ST]

GATE/NET/Other Fellowship Examination _____ [choose correct option]

GATE Score Card: _____ **Year of Qualification:** _____

Valid up to: _____ **Scorecard attached with email: YES/NO**

Educational Qualification				
Institute/ Board	Exam Passed	Year of Passing	% of Marks/CPI	Certificate/degree attached
	10 th Class			YES/NO
	12 th Class			YES/NO
	Bachelors (B.Tech/B.E.) or equivalent			YES/NO
	Masters (M.Tech/M.E.) or equivalent			YES/NO

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Professional Experience		
Organization	Position Held	Nature of Work

Other Achievements

Declaration:

1. *I certify that all information provided above is correct to the best of my knowledge and backed up by original certificate/degrees. IIT Patna reserves the right to disqualify in case of any misinformation or missing information.*
2. *I understand that the online mode of selection process has been chosen keeping in mind the current pandemic situation. It is my responsibility to ensure that I have a reliable internet connection on 25th-26th June, failing which IIT Patna will not be liable to change the dates of the selection process.*

Name and Signature of the Applicant

Date:

Place:

