



**INDIAN INSTITUTE OF TECHNOLOGY PATNA  
BIHTA PATNA-801106  
RESEARCH & DEVELOPMENT (R&D) UNIT**

**ADVERTISEMENT NO: R&D/412/AISTDF/153**

**DATED: 31/10/2019**

**Project No - 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 : Senior Research Fellow (SRF) or  
Junior Research Fellow (JRF)
- (b) Number of Post : 01
- (b) Duration of the Post : 01 year (tenure can be extended upto 2 years based  
on performance)
2. Name of the temporary research project : Effect of cyclic creep in rolling contact fatigue of  
railways
3. Name of the sponsoring Agency : ASEAN India Science and Technology  
Development Fund (AISTDF)
4. Consolidated Fellowship : INR 35000/- per month for SRF, or INR 31000/-  
per month for JRF.
5. Additional benefit : One-month research exposé in project money in  
each year at collaborative foreign universities like  
NTU Singapore.

**6. Qualifications & Experience:**

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

**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 SRF/JRF position shall be 28 years for BE/B.Tech, 32 years ME/M.Tech, and 38 years for PhD. 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.

Interested and eligible candidates may appear for the **WRITTEN TEST/WALK-IN INTERVIEW on 13<sup>th</sup> Nov 2019 at 9:00 AM** at Dr. Surajit Kumar Paul, Dept. of Mechanical Engineering, IIT Patna, Bihta, Patna – 801106 with updated resume along with the original copies of all supporting documents (certificates, mark-sheets, and degrees). No TA/DA is admissible for appearing in the interview.

For any query contact Investigator(s) : **Dr. Surajit Kumar Paul, Dept. of Mechanical Engineering, IIT Patna, Emails: surajit@iitp.ac.in** Tel.: 0612-3028709.

**Deputy Registrar**

Copy to:

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



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**FORMAT OF APPLICATION FOR “SRF/JRF”**

<b>Name &amp; Address</b> <b>Including email id and</b> <b>Phone no.</b> <b>(for Correspondence)</b>	<b>Category</b>  (GEN/OBC /SC/ST/PD )	<b>DOB</b>  dd/ mm/yy	<b>Professional Exam.</b> <b>(GATE/CSIR-NET, etc) &amp;</b> <b>Validity</b>
<b>NAME IN CAPITAL</b>  Address:  Phone: Email:			
<b>Educational Qualification</b>			
<b>Institute/ Board</b>	<b>Exam Passed</b>	<b>Year of Passing</b>	<b>% of Marks/CPI</b>
	10 <sup>th</sup> Class		
	12 <sup>th</sup> Class		
	B.E or equivalent		
	M.E or equivalent		
	PhD		

<b>Qualifying degree</b>	<b>Degree/ major/Specialization</b>
B.E	
M.E	
PhD	

Signature of applicant

Date:

Place: