**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 exposer 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 13thNov 2019 at 9:00 AM** at Dr. Surajit Kumar Paul, Dept. of Mechanical Engineering, IIT Patna, Bihta, Patna – 801106with 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 contactInvestigator(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

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

**ADVERTISEMENT NO: R&D/412/AISTDF/153 DATED: 31 /10/2019**

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

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

Signature of applicant

Date:

Place: