



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

**ADVERTISEMENT NO: R&D/451/SERB/167/Revision1**

**DATED: June 8, 2020**

Project No. **DOA-451**

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)

**(b) Number of Post** : One (01)

**(c) Duration of the Post** : Total three (03) years

**2. Name of the temporary research project:** Development of an Ionic Liquid Based Ultra-High Heat Dissipation Module for Energy Efficient Boiling Systems

**3. Name of the sponsoring Agency** : Science and Engineering Research Board (SERB)

**4. Consolidated Fellowship/Salary** : 31000 + 8% HRA for the first two years followed by 35000 + 8% HRA for the third year (subjected to satisfactory performance in the evaluation)

**5. Qualifications & Experience**

B.Tech./B.E. or equivalent (from any Institute other than IITs) in a relevant area with a minimum CPI of 8.0 or 75% of marks with a valid GATE score.

**OR**

Bachelor's degree from an Indian Institute of Technology (IIT) in a relevant area with a minimum CPI of 7.0 with a valid GATE score

**OR**

Bachelor's degree from an Indian Institute of Technology (IIT) in a relevant area with CPI of 8.0 and above.

**OR**

M.Tech./M.E. or equivalent with a minimum CPI of 6.5 or 60% of marks with GATE qualification.

The upper age limit is 28 years (B.Tech./B.E.) and 32 years (M.Tech./M.E.)

Relaxations for SC/ST/OBC/women/PD will be given as per the GOI rules.

The mode of **WRITTEN TEST** and **WALK-IN INTERVIEW** as scheduled on 3<sup>rd</sup> April 2020 at IIT Patna campus [*Advertisement no. R&D/451/SERB/167 dated 13.03.2020 for the post of Junior Research Fellow (JRF)*] was postponed [*Corrigendum dated 23/03/2020*] and has now been changed to the **ONLINE MODE** on **25<sup>th</sup> and 26<sup>th</sup> June 2020** as described below. These changes have been made keeping in mind 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: 25<sup>th</sup> June 2020**

**Date of ONLINE INTERVIEW: 25<sup>th</sup> June 2020 (only for those who clear the online test.  
26<sup>th</sup> June 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. Rishi Raj, Dept. of Mechanical Engineering, IIT Patna (Email IDs: [rraj@iitp.ac.in](mailto:rraj@iitp.ac.in) and [rraj.iitp@gmail.com](mailto:rraj.iitp@gmail.com)).
2. The **subject of the email** should read as “*JRF Position DOA-451*”. The last date for receiving this email is **19<sup>th</sup> June 2020**.
3. The email should clearly express the interest in appearing for the ONLINE mode of selection process scheduled on **25<sup>th</sup>-26<sup>th</sup> June 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 **19<sup>th</sup> June 2020 (deadline)** and are found eligible will be informed regarding the further details of ONLINE selection process via email by **22<sup>nd</sup> June 2020**. Applicants may meanwhile also contact Dr. Rishi Raj and visit [www.iitp.ac.in/~rraj](http://www.iitp.ac.in/~rraj) for further details on the research going in the Thermal and Fluid Transport Laboratory (TFTL), IITP.

**Deputy Registrar/ Registrar**

Copy to:

1. Associate Dean, R&D, IIT Patna
2. All Wardens, Halls of Residence, IIT, Patna
3. Advertisement file
4. Project file