



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

ADVERTISEMENT NO.: R&D/421/BRNS/172

DATED: 13.07.2020

Project No.: **R&D/SP/ME/DAE/2019-20/421**

Sanction No.: **51/14/12/2019-BRNS/36221**

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 : Two (02) Years and 4 months
2. Name of the temporary research project : Effect of burnup on ballooning and burst behaviour of Zircaloy-4 cladding under simulated LOCA condition
3. Name of the sponsoring Agency : Board of Research in Nuclear Sciences, DAE, GoI
4. Consolidated Fellowship/Salary : JRF salary calculated @Rs. 31,000/- p.m. for first two years and on re-designation by committee on in third year as SRF @Rs. 35,000/- p.m.

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 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 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.

Interested and eligible candidates may appear for the **ONLINE INTERVIEW** on **5th/6th August 2020** onwards as described below. The online mode of interview is chosen 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 INTERVIEW: 10.00 am onwards on 5th August 2020, 6th August 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 principal investigator **Dr.Mohd. Kaleem Khan, Dept. of Mechanical Engineering, IIT Patna, Emails:mkkhan@iitp.ac.in;Tel.: 0612-3028019.**
2. The **subject of the email** should read as “*JRF Position DAE-421*”. The last date for receiving this email is **3rd August 2020.**
3. The email should clearly express the interest in appearing for the ONLINE mode of selection process scheduled on **5th/6th August 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 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 August 2020 (deadline)** and are found eligible will be informed regarding the further details of ONLINE selection process via email by **4th August 2020.** For any query, contact the principal investigator **Dr.Mohd. Kaleem Khan, Dept. of Mechanical Engineering, IIT Patna, Emails:mkkhan@iitp.ac.in;Tel.: 0612-3028019.** You may also visit www.iitp.ac.in/~mkkhan for further details on the ongoing research in the Sustainable Energy Research Laboratory (SERL), IITP.

Deputy Registrar

Copy to:

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



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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

The selected candidate may later be encouraged to apply and enrol in the **Doctoral (PhD) Programme** of IIT Patna as per the official procedure. Would you be interested?

_____ YES/NO

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 5th/6th August 2020, failing which IIT Patna will not be liable to change the dates of the selection process.*

Name and Signature of the Applicant

Date:

Place: