



## NATIONAL INSTITUTE OF TECHNOLOGY PATNA

An Institute of National Importance under MHRD, Government of India

Ashok Rajpath road, Patna-800005, Bihar, India

### Advertisement For Junior Research Fellow (JRF)

Title of the Project	Studies on hard-facing of Inconel 718 on stainless steel 321 and 347 grades for nuclear reactor components
Reference no and Funding Agency	EEQ/2018/0000676 and Science and Engineering Research Board (SERB)
Project Positions and Number	JRF -1 (Purely temporary)
Fellowship and project duration	Rs. 31,000/- Per month (revised) for 24 Months *HRA is not mentioned in the manpower budget for this project
Coordinator / PI	Dr Karpagaraj, Mechanical Engineering. NIT-PATNA
Qualifications and experience	Master degree (M.E/ M.Tech) in mechanical/ Manufacturing, Welding, Production, Metallurgical and Material Science with at least 55%. Along with above-mentioned degree, following anyone additional qualification is a must (a) The candidate must pass in national eligibility test –CSIR,-UGC-NET including lectureship (assistant professorship) and GATE (or) (b) The national level examinations conducted by central government department and their agencies and institutions such as DST, DBT, DAE, DOS, DRDO, MHRD, ICMR, IIT, IISc, IISER etc..
Age	Candidate should not be more than 28 years as for the last date for receipt of application. (Age limit may be relaxed as per the existing government rules for SC/ST/OBC/PH/Female candidates)
Last date of application	April 15, 2019.
Procedure of application	Candidates must use the attached application form along with this notification. Completed application form with necessary supporting document (self- attested) should reach the Office of the Project Investigator “ <i>Dr Karpagaraj, Assistant professor, Mechanical Engineering, National Institute of Technology, Patna-800005, Bihar, India</i> ” on/before <b>April/15/2019</b> . Applications should send through Registered/ Speed Post. The envelope should be superscripted as “Application for the post of JRF in the project “EEQ/2018/0000676”. Candidates can e-mail the soft copy to the following anyone mail address <a href="mailto:akraj@nitp.ac.in">akraj@nitp.ac.in</a> or <a href="mailto:karpagaproject@gmail.com">karpagaproject@gmail.com</a> and also use the same mail address for any enquiry (use “EEQ/2018/0000676”/ JRF as a subject).

NOTES:

- Candidates before appearing for the interview shall ensure that they are eligible for the position they intend to apply.
- The candidate selected as Junior Research Fellow is eligible to register for pursuing PhD programme as per NIT-P rules and regulations after fulfilling requirements of the PhD programme.
- The following work will be assigned to the selected JRF candidate. Conduct the welding experiments, sample preparation. Willing to travel to a various laboratory for analyzing the samples. Purchase of equipments and components for the project. Technical report writing, presentation and documentation of the work carried out for completing the project.
- The application should be furnished only in the prescribed format.
- Candidates shall bring along with them the original certificates at the time of interview for verification.
- PI reserves the right to terminate the services of project staff if work is found to be unsatisfactory during the course of the project.
- Please note that no TA/DA is admissible for attending the interview.
- Only shortlisted candidates will be informed by e-mail/ mobile and no separate call letter will be issued for the same.

PI