



Advertisement for the post of Junior Research Fellow (JRF)

Applications are invited for the post of **Junior Research Fellow (JRF)** in a **Defence Research and Development Organisation (DRDO), Government of India**, sponsored project titled “**A study to evaluate the feasibility of direct metal laser sintering for the fabrication of Haynes 282 superalloy based thin-walled structures for gas turbine applications**” sanctioned for a total duration of 3 years. The post is purely **temporary and co-terminus** with the project.

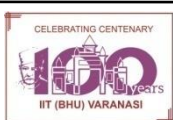
Name of Position	Junior Research Fellow
Number of Positions	01
Duration of the Position	Initially for 01 year but extendable up to 02 more years or the duration of the project whichever is earlier based on the performance
Emoluments	Rs. 37000/- for 1 st and 2 nd year and Rs. 42000/- for 3 rd (HRA as per GoI norms will be additional)
Educational Qualification	<p>Essential qualifications: B.E./B.Tech. in Mechanical Engineering/Production/Manufacturing/Thermal & Fluid/Machine Design/ Metallurgy/ Material Science or any allied branches in First Division with GATE/NET.</p> <p>OR</p> <p>M.E./M.Tech. in Mechanical Engineering/Production/Manufacturing Engineering/Design/Thermal, Metallurgy/Material Science or any allied branches with First Division both at Graduate and Post Graduate level (GATE/NET for M.E./M.Tech. is not mandatory)</p> <p>OR</p> <p>M.Sc./M.S. in Physical Sciences with background appropriate to Thermal & Fluid / Machine Design/Production with NET qualification.</p> <p>Desirable qualifications:</p> <ol style="list-style-type: none"> 1) Candidates having work experience in additive manufacturing/welding/powder metallurgy. 2) Knowledge of characterization techniques such as XRD, SEM, TEM, Raman, FTIR, etc., 3) Knowledge of CAD modelling, CFD, FE analysis, and coding experience. 4) Any prior experience in metal additive manufacturing. <p>The candidate with the above-mentioned qualifications will be given preference.</p>
Age Limit	Upper age limit – 28 years (5 years' relaxation for Female/SC/ST/ Physically Handicapped Candidate) and (3 years' relaxation for OBC Candidate). Age relaxation will be as per GoI norms.
Last date of receiving the application	Applicants should apply within 21 days of the advertisement

Note: The candidate may have the chance to pursue a Ph.D. in Mechanical Engineering while serving as a Junior Research Fellow (JRF) in the Mechanical Engineering Department at IIT (BHU), Varanasi.

Application Procedure: Interested candidates are requested to submit their applications in the prescribed format as attached, along with self-attested copies of all mark-sheets & certificates and details of any research or other experience, etc., **(in a single PDF file)**, using the following google form link: <https://forms.gle/pYNtCnk2tfXSwdNB9> within 21 days of this advertisement. No need to send the hard copy.

General Terms and Conditions:

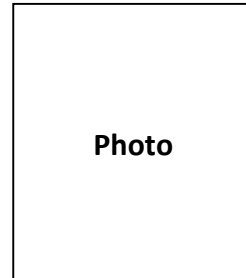
- 1) Only shortlisted candidates will be communicated to appear in the interview, and no other communication in this regard will be entertained.
- 2) The date of the interview will be communicated via email to the shortlisted candidates.
- 3) **No TA/DA will be paid if called for an interview.**
- 4) The PI has the discretion to restrict the number of candidates to be called for interview to a reasonable limit on the basis of qualification and experience higher than the minimum prescribed in the advertisement.
- 5) **For further clarification regarding the application process, the candidate may contact the PI over the phone (+91-9899628016) or email: pawan.mec@iitbhu.ac.in**





APPLICATION FOR JRF POSITION

1. Full Name:
2. Date of Birth:
3. Sex: M/F
4. Category: GEN/SC/ST/OBC
5. Physically Handicapped: Y/N
6. Marital Status:
7. Nationality:
8. Names of Father and Mother:
9. Address of Correspondence (including phone No):
10. E-mail Address:
11. Academic Record: (a) GATE/ CSIR - NET qualification details with percent marks/Rank, year of qualifying, etc.:
(b) Qualifying Degree (starting from High School or equivalent):



Degree	School/University	Passing Year	Subjects	Percentage/CGPA	Division	Remarks

12. Details of the project carried out (if any) with duration, place of work, area worked on, mentor/guide's name, description of the project and contribution to the project (in not more than 5 sentences), and publication details (if any):
13. Whether currently employed:
14. Time required to join this position:
15. Names and addresses of two referees along with phone numbers and e-mail addresses:

Declaration

I hereby declare that I have carefully read and understood the instructions and particulars of this application and that all entries in this form as well as in the attached sheets are true to the best of my knowledge and belief.

Date:

Place:

Signature

