



भारतीय
प्रौद्योगिकी
संस्थान
काशी हिन्दू विश्वविद्यालय



INDIAN
INSTITUTE OF
TECHNOLOGY
BANARAS HINDU UNIVERSITY

Established by Parliament notification No.34 of 2012

Dr.-Ing. Srihari Dodla, Assistant Professor,
Ph. No. +91 8978007660

Dept. of Mechanical Engineering, IIT(BHU) Varanasi-221005
Email: sdodla.mec@iitbhu.ac.in

Date: 16/04/2024

Advertisement for the post of Junior Research Fellow (JRF)

Applications are invited from Indian Nationals for the **Junior Research Fellow (JRF)** post to work on the research project entitled “**Numerical studies on the deformation behavior of different FCC-BCC alloys subjected to quasi-static loading and ballistic impact.**” Sponsored by the Defence Research and Development Organisation (DRDO), Government of India, for a total period of 3 years. The post is purely **temporary and co-terminus** with the project.

Name of the Position	Junior Research Fellow (JRF)
Number of Position	One (1)
Duration of the Position	Initially for one year but extendable up to 2 more years or the duration of the project whichever is earlier
Emoluments	As per the GOI norms (Monthly Salary: 37,000 (Consolidated) and 18% HRA)
Educational Qualifications	Essential qualifications: B.Tech/B.E./M.E./M.Tech. in Mechanical Engineering, Production/Design/Manufacturing Engineering, Applied Mechanics, Metallurgy, Materials Science, or any allied branches with First Division both at Graduate and Post graduate level. Desirable qualifications: <ol style="list-style-type: none">1. Qualified GATE/NET2. Candidates having work experience with programming tools (C/MATLAB/FORTRAN) and finite element simulation packages (ABAQUS, etc).3. Knowledge of computational tools and packages4. Knowledge of CAD modeling and finite element analysis5. Any prior experience in computational mechanics The candidate with the above-mentioned qualifications will be given a preference
Age limit	Upper age limit – 28 years (5 years relaxation for Female/SC/ST/Physically Handicapped Candidate)
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/d3QEeSKZyTgQmLVR7> 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.



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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



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Application Instructions:

- All original certificates need to be presented before the interview for verification.
- Self-attested copies of all the relevant certificates/documents need to be submitted during the application (in soft copies).
- Mode of Interview: Shortlisted candidates will receive details via email.
- For further clarification regarding the application process, the candidate may contact the PI over the phone (+91-8978007660) or email: sdodla.mec@iitbhu.ac.in
- The application should be according to the attached format.
- Use the following link to apply: <https://forms.gle/d3QEeSKZyTgQmLVR7>



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