

**Advertisement for JRF**  
**Department of Electrical Engineering**  
**IIT (BHU) Varanasi**

Applications are invited for **ONE post** of Junior Research Fellow (JRF) to work on a research project funded by **SERB**. The title of the project is **Silicon Carbide devices based High voltage gain Converter with Novel Current-source Gate driver for Electric Vehicle Powertrain**. The post is purely temporary and co-terminus with the project. Meanwhile, the interested candidate may register for PhD program in the Deptt. of Electrical Engg. at IIT (BHU), after fulfilling the selection criteria.

Project duration: 21 months (approx.)

Emolument: Fellowship @ ₹37000/- per month for JRF. HRA will be paid@16%.

Essential qualifications: B.E./ B. Tech./ M. Tech. in Electrical Engineering with qualified GATE or equivalent examination. A minimum of 60% marks or 6.0 CPI (on a 10 point scale) at the bachelor's degree level.

Upper Age limit (as on the date of advertisement): 28 Years with relaxation of 5 years for SC/ST/Physically Handicapped/Female candidates.

Application should be strictly according to the attached format and must reach **within 21 days** of the advertisement. Applicants can send their application along with self-attested copies of certificates, documents by Post/Email to the principal Investigator

Dr. Santosh K Singh  
Professor  
Department of Electrical Engineering  
IIT (BHU) Varanasi  
UP-221005, India  
Email: [sksingh.eee@iitbhu.ac.in](mailto:sksingh.eee@iitbhu.ac.in)

General Instructions:

1. Only shortlisted candidates will be communicated to appear for the interview.
2. Original certificates and self-attested copies of all certificates need to be presented for verification.
3. No TA/DA will be paid for attending interview

## APPLICATION FOR JRF POSITION

1. Full Name: PHOTO
2. Date of Birth:
3. Sex (M/F):
4. Category (GEN/SC/ST/OBC/EWS):
5. Marital Status:
6. Nationality:
7. Physically handicapped: Yes/No
8. Father's Name:
9. Mother's Name:
10. Address of Correspondence:
  - a. Mobile/Tel. No.:
  - b. E-mail Address:
11. Permanent address:
12. Academic Record:

a. Educational qualification:

Examination passed	Name of School/ Institute / University	Year of passing	Subjects	Percentage of marks/GPA obtained /Division
10 <sup>th</sup>				
10+2 Sc				
B.E./B.Tech				
M.E./M.Tech				

b. GATE or Equivalent Examination Qualification details:

GATE/ Equivalent	Year:	Qualified: Yes/No	Score:

- c. Details of the project carried out with project title, place of work
- d. Attach list of publications (if any):
- e. Working experience (if any):
- f. Whether currently employed: Y/N
- g. Time required to join this position:

13. Names and addresses of two referees along with phone number and e-mail address.

### **Declaration**

I hereby declare that I have carefully read and understood the instructions and particulars for 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