



भारतीय
प्रौद्योगिकी
संस्थान
काशी हिन्दू विश्वविद्यालय



INDIAN
INSTITUTE OF
TECHNOLOGY
BANARAS HINDU UNIVERSITY

Recruitment of Junior Research Fellow in SERB Sponsored Project

Project Reference No. R&D/IIT(BHU)VARANASI(SERB)/SMST/22-23/07/433

Applications are invited from Indian nationals for the following position in the interdisciplinary research project entitled “**DNN-Derived Innovative Flexible Frequency Selective Surfaces for Stealth and 5G Electromagnetic Shielding Applications**” CRG/2022/006951 sponsored by the **Science and Engineering Research Board (SERB)**, Department of Science & Technology (DST), Government of India, New Delhi, for a total period of three years.

Name of Position	Junior Research Fellow (JRF)*
Number of Position(s)	01
Duration of Position	Initially one year, further extendable up to two years based on satisfactory performance.
Emoluments	Fellowship @ Rs. 31,000 /- per month for first two years, and @ Rs. 35,000 /- per month for third year. Besides, HRA will be paid @ 16 %.
Educational Qualification	<ul style="list-style-type: none">• Master's in Engineering (Electronics & Communication Engineering, RF & Microwave Engineering, VLSI, Materials Engineering, Engineering Physics, and Nanotechnology) or Sciences (Physical Sciences, Theoretical/Computational Materials Science, and Nanoscience), and any other relevant discipline with either valid GATE or NET score and minimum 55% or equivalent CGPA in the qualifying degree <p style="text-align: center;">OR</p> <ul style="list-style-type: none">• Bachelor's degree in any discipline/area relevant to the scope of the Project work and a valid GATE/NET score or with a CGPA greater than 8 out of a scale of 10 from IITs, IIITs, and NITs are also eligible. <p>Desirable</p> <ul style="list-style-type: none">• Experience in design, fabrication, and measurement of microwave materials & devices, artificial materials, like metamaterials, FSSs, etc.• Research expertise in electromagnetic numerical computations would be preferred.• A mathematical aptitude and basic computer programming knowledge are desirable. <p>Please refer to the below-mentioned web link for relevant research activities in the lab of Dr. Ravi Panwar (Principal Investigator): https://www.iitbhu.ac.in/dept/mst/people/ravimst</p>
Upper Age limit as of the last date of application	28 years. Age relaxation is applicable as per Government of India (GoI) rules.

***Note: Candidate could have an opportunity to enroll for pursuing a Ph.D. after fulfilling the required criteria as per the PG ordinance of IIT (BHU).**

General Terms and Conditions

1. The position is purely temporary and is coterminous with the project.
2. The principal Investigator has the discretion to restrict the number of candidates to be called for interview to a reasonable limit based on qualifications and experience higher than the minimum prescribed in the advertisement.
3. Only shortlisted candidates will be communicated to appear in the interview and no other communications in this regard will be entertained.
4. The candidate is expected to join immediately if selected.
5. No TA/DA will be paid for attending the interview.

Application on plain paper giving Name, Permanent and Correspondence address, Names of the Father and Mother, Telephone number and e-mail address, details of educational career (starting from High School or equivalent) along with the self-attested copies of all marksheets & certificates and details of any research or other experience, etc., if any, should reach Dr. Ravi Panwar (Principal Investigator) on or before 20-04-2023 by 5:00 PM. The candidates are also requested to send their CVs to the Principal Investigator's email: ravi.mst@iitbhu.ac.in and write the subject as: 'Application for CRG Project'.

Dr. Ravi Panwar (Principal Investigator)

Room No. T-04, High Frequency Materials & Structures Lab

School of Materials Science and Technology (SMST)

IIT (BHU), Varanasi-221005, Uttar Pradesh

Email: ravi.mst@iitbhu.ac.in, Contact Number: 0542-7165530 (Office), 7347289808 (Mobile)

APPLICATION FORM FOR JRF POSITION

1. Personal Details

<i>[As mentioned in Matriculation Certificate]</i>	
i. Full Name in Block Letters	:
ii. Date of Birth	:
iii. Gender (M/F)	:
iv. Mother's Name	:
v. Father's Name	:
vi. Husband's Name (in case of married female)	:
vii. Category (GEN/OBC/SC/ST/EWS)	:
viii. Physically handicapped: Y/N	:
ix. Permanent address	:
x. Correspondence address	:
xi. Telephone/Mobile Number	:
xii. Email Address (mandatory)	:

2. Details of Educational Qualifications (starting from high-school or equivalent)

Name of Exam	Specialization	Name of School/Board/ University /Institute	Year of Passing	Percentage/ Grade/CGPA
High School (10 th Standard)				
Intermediate (12 th Standard)				
Graduation (B.Sc./BE/B.Tech)				
Post-Graduation (M.Sc./ME/M.Tech)				
Others (if any)				

3. Details of qualifying examination

Name of Examination	Subject	Year of Passing	Score	Marks Obtained

4. Research/Work Experience (information of current employer is mandatory)

Name of Institute	Designation	Period of service	Mentor/Guide's name	Reasons for leaving

5. List of Research Publications (If any)

6. Time required to join this position at IIT BHU:

7. Names and addresses of two referees:

Name	Designation	Address including phone number and e-mail details

8. Any other information:

Declaration: I hereby declare that I have carefully read and understood the instructions and particulars on 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.

Place:

Date:

Signature of the Candidate