



भारतीय  
प्रौद्योगिकी  
संस्थान  
काशी हिन्दू विश्वविद्यालय



INDIAN  
INSTITUTE OF  
TECHNOLOGY  
BANARAS HINDU UNIVERSITY

**Recruitment of Junior Research Fellow in IITB COMET Foundation, TIH  
Funded Project**

**Project Reference No. IIT(BHU)/R&D/Consultancy/23-24/SMST/01**

Applications are invited from Indian nationals for the following position in the interdisciplinary research project entitled “**Smart Radio Environment: RIS Fabrication**” funded by the IITB COMET Foundation, the TIH under National Mission on Interdisciplinary Cyber-Physical Systems (NM-ICPS) for a total period of three years.

<b>Name of Position</b>	Junior Research Fellow (JRF)*
<b>Number of Position(s)</b>	01
<b>Duration of Position</b>	Initially one year, further extendable up to two years based on satisfactory performance.
<b>Emoluments</b>	Fellowship @ Rs. 31,000/- per month for the first two years and @ Rs. 35,000/- per month for the remaining years. Besides, HRA will be paid @ 18%.
<b>Educational Qualification</b>	<ul style="list-style-type: none"><li>• Master's in Engineering (Electronics &amp; Communication Engineering, RF &amp; 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</li></ul> <p style="text-align: center;">OR</p> <ul style="list-style-type: none"><li>• Bachelor's degree in any discipline/area relevant to the scope of the project work and a valid GATE score or with a CGPA/CPI of at least 8.0 (on a 10-point scale) from IITs, centrally funded IITs, and NITs are also eligible.</li></ul> <p><b>Desirable</b></p> <ul style="list-style-type: none"><li>• Experience in design, fabrication, and measurement of microwave materials &amp; devices, artificial materials, like metamaterials, FSSs, etc.</li><li>• Research expertise in electromagnetic numerical computations would be preferred.</li><li>• A mathematical aptitude and basic computer programming knowledge are desirable.</li></ul> <p>Please refer to the below-mentioned web link for relevant research activities in the lab of <b>Dr. Ravi Panwar (Principal Investigator)</b>: <a href="https://www.iitbhu.ac.in/dept/mst/people/ravimst">https://www.iitbhu.ac.in/dept/mst/people/ravimst</a></p>
<b>Upper Age limit as of the last date of application</b>	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.

The interested candidates are requested to send the duly-filled attached application form along with self-attested copies of all mark sheets and certificates to the Principal Investigator's email: ravi.mst@iitbhu.ac.in with the subject as: 'Application for the post of JRF in IIITB COMET funded Project' on or before 12-11-2024 by 5:00 PM.

**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)