



भारतीय  
प्रौद्योगिकी  
संस्थान  
काशी हिन्दू विश्वविद्यालय



INDIAN  
INSTITUTE OF  
TECHNOLOGY  
BANARAS HINDU UNIVERSITY

Date: 01-07-24

**Recruitment of Junior Research Fellow (JRF) Position in CSIR Sponsored Project**

**Project Reference No. IIT (BHU)/R&D/CNA/1827/CSIR/SMST/23-24/03/514**

Applications are invited from interested and motivated candidates for the post of Junior Research Fellow (JRF) in a time-bound research project for a temporary period, purely on a contractual basis as per the following details:

|                         |   |
|-------------------------|---|
| Position                | Junior Research Fellow (JRF)  |
| Number of Vacancy       | 01  |
| Project Title           | Experimental investigation on machine learning aided cost-effective electromagnetic wave absorber coating using microwave heat-treated heterogeneous electronic waste   |
| Department              | School of Materials Science and Technology, IIT BHU Varanasi  |
| Project Tenure          | Three years and/or co-terminus with the project   |
| Job Description         | The project represents an effort at the intersection of environmental sustainability and cutting-edge microwave technology. The project involves the numerical modeling of microwave-absorbing coatings/structures, followed by their fabrication and experimental validation. We are seeking candidates with expertise in the design, fabrication, and measurement of microwave materials and devices. Prior research experience in electromagnetic numerical computations is desirable. Candidates with a strong mathematical aptitude and basic proficiency in computer programming will be preferred. |
| Essential Qualification | B.S. four-year programme/integrated B.S.-M.S./M.Sc./B.E./B.Tech. or equivalent degree, with at least 55% marks and passing of NET/GATE exam   |
| Age Limit               | 28 years for JRF  |
| Age relaxation          | The upper age limit is relaxable up to 5 years in the case of candidates belonging to scheduled castes/ tribes/OBC, women, and physically handicapped candidates.   |
| Fellowship              | Junior Research Fellow (JRF)- Rs. 37,000 /- per month   |

**\*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).**

The interested candidates are requested to send their detailed CVs 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 CSIR Project' on or before 15-08-2024 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)