



भारतीय
प्रौद्योगिकी
संस्थान
काशी हिन्दू विश्वविद्यालय



INDIAN
INSTITUTE OF
TECHNOLOGY
BANARAS HINDU UNIVERSITY

Date: 16-12-24

Recruitment of Research Assistant Position in CST UP Sponsored Project
Project Reference No. R&D/SA/CSTUP/SMST/24-25/03/603

Applications are invited from Indian nationals who are residents of Uttar Pradesh for the following position in the interdisciplinary research project entitled “Revolutionizing Healthcare Waste for Artificial Intelligence-Infused 5G Substrate with Safe and Eco-Friendly Microwave Technology” sponsored by the Council of Science and Technology (CST), Government of Uttar Pradesh (UP), for a total period of three years:	
Name of the Position	Research Assistant (JRA/JRF/SRA)*
Number of Vacancies	01
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 modelling and experimental validation of materials and structures at 5G frequencies. 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.
Essential Qualification	Master’s in Engineering (Electronics & Communication Engineering, RF & Microwave Engineering, VLSI, Materials Engineering, Engineering Physics, Nanotechnology, and allied disciplines) or Sciences (Physical Sciences, Theoretical/Computational Materials Science, and Nanoscience), and any other relevant discipline with First Class in the qualifying degree OR Bachelor's degree (BE/B.Tech) in Electronics & Communication Engineering/ allied disciplines relevant to the scope of the Project work.
Age Limit (On April 01.04.2024)	28 years for a Junior Research Assistant (JRA/JRF), and 32 Years for a Senior Research Assistant (SRA) (Age relaxation as the CST UP norms)
Fixed Emoluments	25,000/- per month for JRA/JRF, and 28,000 /- per month for SRA

***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 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 research assistant in CST UP funded Project’ on or before 31-12-2024 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), 9151566657 (Mobile)

APPLICATION FORM

Personal details:

Name	
Father's name	
Mother's name	
E-mail	
Phone No.	
Date of Birth and Category (GN/OBC/SC/ST/)	(certificate to be attached if OBC/SC/ST)
Permanent Address	
Correspondence Address	

Details of Education Qualification

Qualification	University/Board	Year of passing	Percentage /CGPA	Subject
10th				
12th				
Bachelors				
Masters				
Others				

Details of examination qualified if any (GATE, Net, or Others)

Name of Examination	Subject of Examination	Year of Passing	Score	Marks Obtained

Details of Professional / Work Experience: At least current employment should be mentioned

Organization	Designation	Date-From	Date-To

The details furnished in this form are correct to the best of my knowledge and belief.

Signature with Date and Name