



Indian Institute of Technology (Indian School of Mines), Dhanbad
The Office of Dean, Research & Development


Sanction No and Date: CRG/2021/002078 dated 17.02.2022	IIT (ISM) Project No. DST(SERB)(318)/2021-2022/870/ECE	Date: June 30, 2022
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JRF position under SERB (DST) Project

Applications are invited under the sponsored project. The details of the project are as under:

Position	Junior Research Fellow (JRF)
Number of Position (s)	One (01)
Title of The Project	Design and Development of Compact and Low profile Multiband Conformal Antenna System for In-vehicle Telecommunications Equipment Supporting Cellular/Communication Bands
Principal Investigator	Dr. Ravi Kumar Gangwar (Associate Professor), Department of Electronics Engineering, Indian Institute of Technology (ISM) Dhanbad, Dhanbad-826004 (Jharkhand), E-mail: ravi@iitism.ac.in , Phone no.: (0326) 2235903 (Office), +91-9771457994 (Mobile)
Tenure of Project	The position is purely temporary and co-terminus with the project, which is sanctioned for a period of THREE YEARS.
Job Description (in a maximum of 100 words)	In this project, we will design Compact and Low Profile Multiband Conformal Antennas for In-vehicle Telecommunications Equipment Supporting Cellular/Communication Bands like GNSS, Wi-Fi, Bluetooth, ETC, LTE, and V2X applications. Further, integration of designed conformal antennas in the vehicle and analyzing their compatibility with the vehicle will be carried out.
Essential Qualification	The applicant should be M.E./M.Tech. Degree in RF/Microwave Engineering/Electronics Engineering with a minimum of first-class from a reputed institute. In case of the class is not specified in degree then a minimum of 60% marks or 7.0 OGPA will be considered as 1 st class. The candidate should be qualified GATE examination.
Desirable Qualification	Working knowledge of modeling and simulation of Microwave Antennas using ANSYS HFSS/CST and MATLAB will be added advantage.
Age and Relaxation (if any)	The upper age limit is 35 years at the time of appointment (Age relaxation for SC/ST/OBC/PH/Female candidates as per GOI rules)
Fellowship	Rs. 31,000/- per month for the initial two years and then 35,000/- per month for last year.
Last Date & Time	Interested candidates are requested to send an application with detailed Bio-data and copies of educational qualifications, age proof, GATE certificate, and valid cast certificate (if applicable) should reach to the Principal Investigator by E-mail (ravi@iitism.ac.in) in soft copy format on or before 12 July 2022 .

Shortlisted candidates will be informed through email on the date of the interview. Mere possession of minimum qualification does not guarantee an invitation to the interview. Candidates will be shortlisted based on their merit and as per the requirement of the project. All candidates should make their own arrangements for their stay at Dhanbad if required. No TA/DA will be paid to attend the interview.


(Signature of PI)