



**Indian Institute of Technology (Indian School of Mines),
Dhanbad**

The Office of Dean, Research & Development

Sanction No and Date: L-14011/29/2021-HRD dated 01.08.2022	IIT (ISM) Project No. MeitY/2022- 2023/958/ECE	Date: 01/09/2023
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Junior Research Fellow position under MeitY Project

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

Name of the Position	Junior Research Fellow (JRF)
Number of Position (s)	2
Title of The Project	Capacity building for human resource development in Unmanned Aircraft System (Drone and related Technology)
Principal Investigator	Dr. Ravi Kumar Gangwar (HoD & Associate Professor) Department of Electronics Engineering IIT(ISM) Dhanbad, 826004, India E-mail: ravi@itism.ac.in Phone no: (0326) 2235903 (Office), +91- 9771457994 (Mobile), (0326) 2235903 (Fax)
Tenure of Project	Initially for three years with provision for two extensions each of duration of 1 year for a total of 5 years or till the completion of the project, whichever is earlier
Job Description (in maximum of 100 words)	The candidates will perform research and development work in various activities of the project e.g., Proof-of-Concept development, generation of IPR, organization of Bootcamps, assisting in the design of Master Trainer courses, etc. concerned with the development of manpower and research in drone electronics.
Essential Qualification	M.E./MTech/M.Sc. in ECE/CS/Aerospace or, B.E./BTech with 2 years relevant experience in either of the aforementioned fields with the following criterion: a) The candidate must have qualification in National Eligibility Tests-CSIR-UGC NET including lectureship (Assistant Professorship) and GATE, or , b) should be selected for their Graduate/Post Graduate courses through the selection process through National level examinations conducted by Central Government Departments and their Agencies and Institutions such as DST, DBR, DAE, DOS, DRDO, MHRD, ICAR, ICMR, IIT, IISc, IISER etc. The candidates must have good academic background and good knowledge in any of the following areas: Communication Systems/Machine Learning & Signal Processing/Antennas/Sensors/UAV systems
Desirable Qualification	<ul style="list-style-type: none">• PhD• The research experience of the candidate should be aligned with subjects relevant to drone electronics.• Industrial experience in drone technologies• Good communication skills, both in scientific writing as well as presentation
Age Limit	Maximum 28 years at the date of joining with suitable age relaxations applicable for SC, ST and OBC and Women candidates
Fellowship	37000 INR (revised rate) with 16% HRA per month
Last Date & Time	Date: 18th September, 2023 until 11:59 pm Online Application link: https://forms.gle/ZF5RiWcYs64SYBpt7
Application Procedure	Interested candidates are requested to fill the online application (as per the link provided) and must attach all supporting documents (e.g. self-attested copies of educational qualifications, experience certificate, age proof, valid cast certificate (if applicable), copies of publications, awards, recommendation letter, CV with Photo, etc.).
Shortlisted candidates will be informed through email about the interview. The interview would be on online/offline mode. The date and time of interview would be sent to the shortlisted candidates by email. Mere possession of the minimum qualifications does not guarantee an invitation to the interview. Candidates will be shortlisted based on their merits and as per the requirements of the project.	

**Dr. Ravi Kumar Gangwar
(Principal Investigator)**