Indian Institute of Technology (ISM) Dhanbad
Office of the Dean (Research & Development)

Sanction No. and Date:	IIT (ISM) Project No.	Date:
ISRO/RES/3/1151/26-27, Dated: 21.10.2026	**SRDP 1423 G**	23/11/2026

Project Staff (Project Associate-I) position under Indian Space Research Organisation (ISRO) RESPOND Project

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

Position	Project Associate-I
Number of Position (s)	One (01)
Title of The Project	**GaN based high frequency programmable CC-CV dc-dc converter**
Principal Investigator	Prof. Ashok Kumar, Assistant Professor, Department of Electrical Engineering
Tenure of Project	Maximum 18 Months or till the end of the project, whichever is earlier
Job Description	The selected candidate will be involved in simulation modelling, high-frequency GaN converter hardware design, PCB layout and assembly, component sourcing, experimental testing and debugging, data compilation, analysis, and report preparation.
Essential Qualification	Bachelor's degree in Engineering / Technology (Electrical / Electronics Engineering).
Desirable Qualification	**M.Tech. Qualification:** M.Tech. / M.E. degree in Power Electronics, Electrical Engineering, Electronics Engineering, or a closely related specialisation. **Prior Experience in PCB Design:** Hands-on experience with PCB design software tools for schematic capture, multi-layer layout routing, and SMD soldering/rework. **Basic Knowledge of Power Electronics:** Strong foundational understanding of power electronic converters, high-frequency switching topologies, and operational principles. **Embedded System Programming:** Proficiency in C/C++ coding for developing digital control algorithms.
Age and Relaxation (if any)	The upper age limit is 35 years as on the closing date of the application. Age relaxation for SC/ST/OBC/PwD/Female candidates will apply as per Government of India rules.
Fellowship	₹31,000/- + 20% HRA per month.
Last Date & Time	**Deadline: December 5, 2026, at 5:00 PM** **Application Requirements:** • Fill out the online application form at: https://forms.gle/2pKwBYJQmnDJGKWGA • Combine your CV, self-attested marksheets, and degree certificates into a single PDF. • Set your email subject line exactly as: **Application for Project Associate-I for Project No. SRDP 1423 G** • Email to: **krashok@iitism.ac.in** • Shortlisted candidates will be informed via email regarding the schedule of the online interview. • All relevant information, including the interview link and technical instructions, will be shared with the shortlisted candidates one day before the online interview.

Mere possession of the minimum qualification does not guarantee an interview invitation. Candidates will be strictly shortlisted based on their academic merit, experience, and suitability relative to the project's specific technical requirements.



23/11/2026

(Signature of PI)