



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

Sanction No and Date: Project No.: PSF-IH-4Y-TD-119, dated 23 rd June 2026	IIT (ISM) Project No.: SRDP 1411G	Date: 26 October, 2026
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Project Assistant position under TEXMiN, IIT (ISM) Dhanbad Sponsored Project
Applications are invited under the sponsored project. The details of the project are as under:

Position	Project Assistant
Number of Position (s)	01 (One)
Title of The Project	Mitigating coal dust in an open-cast mine with biodegradable binder using an unmanned aerial spray system
Principal Investigator	Prof. Sarthak S. Singh
Tenure of Project	12 months
Job Description (in maximum of 100 words)	Applicants will be responsible for the following: • Carrying out binder spray activities over the coal in the lab to optimize the binder concentration • Operate the unmanned aerial spray system in the open cast mines and record the relevant environmental parameters.
Essential Qualification	B.Sc./ 3-year Diploma in Engineering and Technology
Desirable Qualification	Experience in drone operations, Experience in coal handling
Age and Relaxation (if any)	Upper Age Limit: 50 years (Upper age relaxation for SC/ST/OBC/Women applicants will be applicable as per GoI rules)
Fellowship	₹ 24,000/- (Including HRA)
Last Date & Time	10 November, 2026 till 05:00 pm. Applications along with updated CV along with supporting documents should be sent through mail to sarthakssingh@iitism.ac.in
Shortlisted candidates will be informed on the date of interview. Mere possession of minimum qualification does not guarantee an invitation to the interview. Candidates will be short listed 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)