



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

Sanction No and Date: PSF-1H-4Y-TD-206 Dt. 23.03.2026	IIT (ISM) Project No. SRDP 1299G	Date : 31.03.2026
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Project Staff (JRF/SRF/RA/Project Assistant/Project Associate) position under TEXMiN Project

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

Position	Senior Project Associate
Number of Position (s)	One
Title of The Project	Design and fabrication of an automated modular system for mechanical dismantling of solar panels & recovery of valuable components
Principal Investigator	Prof Amit Rai Dixit
Tenure of Project	20 months
Job Description (in maximum of 100 words)	The candidate will be responsible for the operation, maintenance, and data analysis of the automated modular system for mechanical dismantling of the solar panel. Key responsibilities include supporting research activities, conducting material testing, training users, maintaining documentation and records. The candidate must have hands-on experience in automation and handling of Robot. The role also includes assisting the faculty in lab management, project execution, proposal preparation, and ensuring safety compliance.
Essential Qualification	<ol style="list-style-type: none">1. Bachelor's degree in Mechanical Engineering/ Production / Automation/ Mechatronics/ Industrial & Production/ from a recognized university or equivalent.2. Four years' experience in Research and development in industrial/academic institution / research and technology organization and scientific activities and services. <p style="text-align: center;">OR</p> Doctorate Degree in Engineering
Desirable Qualification	Proven hands-on experience with Mechatronics, automation and non-traditional machining. (Preferably on Robot Programming, Automation and control, Design of experiment , Sound understanding of ASTM/ISO standards)
Age and Relaxation (if any)	40 years for UR candidate. For SC/ST/OBC and women candidates, age relaxation will be applicable as per GoI.
Fellowship	₹42,000 + HRA
Last Date & Time	30.5.2026 at 11:55 PM Send the soft copy of the resume(pdf format) to amitraidixit@iitisma.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.	