



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

Sanction No and Date: ISRO/RES/2/457/25-26, Dated:16/09/2025	<b>IIT (ISM) Dhanbad Project No.</b> SRDP 1234 G	Date 06/04/2026
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**Applications are invited for the position of Junior Research Fellow (JRF)** in ISRO sponsored project. The details are given below:

<b>Position</b>	Junior Research Fellow (JRF)
<b>Number of Position (s)</b>	1
<b>Title of The Project</b>	Dual band tracking feed with dichroic mirror for deep space antenna
<b>Principal Investigator</b>	Prof. Santanu Dwari
<b>Tenure of Project</b>	Three years or till the end of project, whichever is earlier
<b>Job Description (in maximum of 100 words)</b>	The project aims to design Dual band tracking feed with dichroic mirror for deep space antenna. Specifically, the project has the following goals: 1) Design of TE21 Tracking Coupler. 2) Design of Dichroic Mirror. 3) Simulation of the structure.
<b>Essential Qualification</b>	B.E/B.Tech or M.E./MTech in Electronics & Communication Engineering or related field with good academic background. The candidate should be either qualified in GATE or CSIR/UGC NET or any other National level examination conducted by the Central Government Departments and their Agencies and Institutions.
<b>Desirable Qualification</b>	The candidate should have basic knowledge of RF & Microwave Engineering and Antenna. Furthermore, the candidate should be good in ANSYS HFSS, CST and MATLAB.
<b>Age and Relaxation (if any)</b>	The upper age limit is 35 years at the time of appointment
<b>Fellowship</b>	<b>Rs. 37,000/- + HRA</b> for the 1 <sup>st</sup> and 2 <sup>nd</sup> Year, and <b>Rs. 42,000/- + HRA</b> for 3 <sup>rd</sup> Year
<b>Last Date &amp; Time</b>	Interested candidate are requested to send application with detailed Bio-data and self-attested copies of educational qualifications, age proof, experience certificate(s), GATE/NET/ any other National level examination certificate and valid cast certificate (if applicable) as soft copy in E-mail (santanu@iitism.ac.in) on or before April 20, 2026.

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)**