



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

Sanction No and Date: <b>DGTM/ERIP/GIA/22-23/115/008</b>	<b>IIT (ISM) Project No.</b> <b>DRDO(19)2022-2023/914/ECE</b>	Date 08/08/2020
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**SRF position under [Defence Research and Development Organization (DRDO)] Project**  
Applications are invited under the sponsored project. The details of the project are as under:

<b>Position</b>	Senior Research Fellow (SRF)
<b>Number of Position (s)</b>	One (1)
<b>Title of The Project</b>	Design and Development of Frequency Stable and High Q-Factor Optoelectronic Oscillator Assisted by Microwave Photonic Techniques
<b>Principal Investigator and Postal address</b>	Prof. Sanjeev Kumar Raghuwanshi/Associate professor, Electronics Engineering Department, Indian Institute of Technology (ISM) Dhanbad-826004, Jharkhand India.
<b>Tenure of Project</b>	Maximum 3 Years or till the end of the projects whichever is earlier
<b>Job Description (in maximum of 100 words)</b>	The position is purely temporary and co-terminus with the project, which is sanctioned for maximum period of 2 more years.
<b>Essential Qualification</b>	The applicant should be <b>M.E./M.Tech. Degree or equivalent degree in Electronics and Communication/Electronics/Control and Instrumentation, Electronics and Instrumentation/Photonics domain etc with minimum of first class from a reputed institute with 2 years relevant experience</b> . In case class is not specified in degree then minimum 60% marks or 7.0 OGPA will be considered as 1 <sup>st</sup> class.
<b>Desirable Qualification</b>	Basic knowledge of Optical fiber communication subject along with design and analysis of Microwave Photonics signal generation. Software knowledge includes OptiSystem, Optigrating and MATLAB.
<b>Age and Relaxation (if any)</b>	The Upper age limit is 35 years as on the last date of application.  SC/ST/OBC/Women/Physically handicapped candidates will be given age relaxation as per GOI rules.
<b>Fellowship</b>	Rs. 35,000/- per month (+ 18% HRA as applicable) for 3 Years subject to availability of fund. Also DRDO approval is required before releasing the first fellowship to selected candidate.
<b>Last Date &amp; Time of Application Procedure</b>	The Applications along with complete bio-data mentioning the project number and title along with attested copies of mark-sheets must reach to the principal investigator at the address given above latest by <b>02/09/2022 (Friday: 5 PM)</b> with softcopy on Email: <b>sanjeevrus77@iitism.ac.in</b> Contact mobile number: <b>09471191354</b>

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)