

**Prof. Sanjeev Kumar Raghuwanshi**

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**(Associate Professor)**

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**प्रो. संजीव कुमार रघुवंशी**

(पीएचडी/आईआईएससी बंगलोर. पोस्ट डॉक. सिटी यूनिवर्सिटी, लंदन)

**(एसोसिएट प्रोफेसर)**

इलेक्ट्रॉनिक्स इंजीनियरिंग विभाग

भारतीय प्रौद्योगिकी संस्थान (आई.एस.एम.) धनबाद,

झारखंड, 826004, भारत

**SRF position under [Department of Science and Technology (Science and Engineering Research Board) DST-SERB] Project**

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

Sanction No and Date: <b>CRG/2022/002356</b>	<b>IIT (ISM) Project No.</b> <b>DST(SERB)(359)2022-2023/962/ECE</b>	<b>Date 18/03/2025</b>
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<b>Position</b>	Senior Research Fellow (SRF)
<b>Number of Position (s)</b>	One (1)
<b>Title of The Project</b>	<b>Generation of high chirp rate dual chirp microwave waveform in Ku band using novel microwave photonic techniques for high performance radar application</b>
<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 1 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 1 more years.
<b>Essential Qualification</b>	<b>GATE qualified applicant must have M.E./M. Tech. Degree or equivalent degree in Electricals, Electronics and Communication/Electronics/Control and Instrumentation, Electronics and Instrumentation etc with minimum of first class from a reputed institute with 2 years relevant experience after masters.</b> In case class is not specified in degree then minimum 60% marks or 6.5 CGPA will be considered as 1st 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, Opti FDTD and MATLAB.
<b>Age and Relaxation (if any)</b>	The Upper age limit is 38 years as on the last date of application. SC/ST/OBC/Women/Physically handicapped candidates will be given age relaxation as per DST-SERB guidelines
<b>Fellowship</b>	Rs. 42,000/- per month (+ 16% HRA as applicable) for 1 Year, subject to the availability of the fund. The revision of the scholarship is likely to be paid on the date of joining, subject to the approval of funding agencies.
<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>11/04/2025 (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)