



भारतीय प्रौद्योगिकी संस्थान गोवा  
INDIAN INSTITUTE OF TECHNOLOGY GOA  
OFFICE OF THE DoRD

No. IITGOA/R&D/RECT/2020-21/003

Date: 25.03.2021

**RECRUITMENT FOR SENIOR RESEARCH FELLOW (SRF)**

<p>Applications are invited for the position of SRF under the Project titled "<b>Design Automation for Intelligent Vision Hardware in Cyber Physical Systems</b>" in the School of Mathematics &amp; Computer Sciences, IIT Goa. The project is sponsored by DST-INRIA in the frame work of Indo-French Centre for the Promotion of Advanced Research (IFCPAR).</p>	
<b>Nature of work</b>	<ol style="list-style-type: none"><li>1. Conduct research in the area of computer vision for edge AI.</li><li>2. Write research papers and develop software-hardware code.</li><li>3. Work in a research team to supervise interns.</li></ol>
<b>No. of Position</b>	<b>One</b>
<b>Duration of appointment</b>	For a period of 1 year. It may be further extended based on the performance of the candidate and availability of funding.
<b>Eligibility</b>	<p><b>Essential qualification:</b></p> <ol style="list-style-type: none"><li>1. Graduate or Postgraduate degree in Computer Science and Engineering or Electronics Engineering or Information Technology or related areas.</li><li>2. Minimum 2 years of research experience after graduate or postgraduate degree</li><li>3. Candidates should have CSIR-UGC JRF OR UGC NET JRF OR UGC NET for JRF/Lectureship OR a valid GATE score in Computer Science and Engineering or should have qualified a national level examination conducted by DAE, DOS, DRDO, IIT, IISER, IISc.</li><li>4. Candidates should have experience of working in Embedded Computer Vision (OpenCV or MATLAB), FPGA Design (Verilog or High-Level Synthesis), Deep/Convolutional Neural Network (DNN/CNN) or Machine Learning based Computer Vision</li><li>5. Candidates should have good programming experience in Python and have a basic understanding of TensorFlow Lite or ONNX. They should have intermediate knowledge of hardware implementation (using Verilog) and related optimizations</li></ol>
<b>Salary</b>	Rs. 35,000/- (as per norms)
<b>DA</b>	Not be entitled to DA.
<b>HRA</b>	16% (as per the Govt. norms stationed at Goa)
<b>Medical Benefits</b>	As per the norms.
<b>Leave entitlements</b>	Casual leave of 8 days per annum. If joined during the year, will be entitled on pro rata basis.

<b>How to apply</b>	A cover letter, CV (including names of two referees), a copy of degree, and mark sheets should be uploaded along in the <a href="https://forms.gle/dx1mwza27tZvPKHq7">https://forms.gle/dx1mwza27tZvPKHq7</a> link.
<b>Last Date of application</b>	08.04.2021,5:00 PM.
<p><b><u>Additional Instruction</u></b></p> <ol style="list-style-type: none"> <li>1. IIT Goa strives to have a workforce, which reflects gender balance and women candidates are highly encouraged to apply.</li> <li>2. Candidates may have the opportunity to undertake scientific visits to INRIA, Rennes, France.</li> <li>3. JRF position with applicable salary may be offered in case of less than 2 years research experience.</li> <li>4. If the applicants have any queries, can write to <b>res-staff-rect@iitgoa.ac.in</b> and in the subject they have to mention the project number "2019/EMR/SS/06".</li> <li>5. Informal enquiries via email may be made with Principal Investigator-Dr.Sharad Sinha, Assistant Professor: <a href="mailto:sharad@iitgoa.ac.in">sharad@iitgoa.ac.in</a></li> </ol>	

**Sd/-  
Officer In-Charge(R&D)**