No. DoRD/ADMIN/2021-22/018   **Date:** 17.09.2021

RECRUITMENT FOR SENIOR RESEARCH FELLOW (SRF)

Applications are invited for the position of SRF under the Project titled "**Design Automation for Intelligent Vision Hardware in Cyber Physical Systems**" in the School of Mathematics & 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).

Nature of work	1. Conduct research in the area of computer vision for edge AI. 2. Write research papers and develop software-hardwarecode. 3. Work in a research team to supervise interns.
No. of Position	**One**
Duration of appointment*	For a period of 1 year. It may be further extended based on the performance of the candidate and availability of funding.
Eligibility	**Essential qualification:** 1. Graduate or Postgraduate degree in Computer Science and Engineering or Electronics Engineering or Information Technology or related areas. 2. Candidates must have a valid GATE score in CS or EC or EE. 3. Minimum 2 years of research experience after graduate or postgraduate degree 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 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
Salary	Rs. 35,000/- (As per norms)
DA	Not be entitled to DA.
HRA	As per the Govt. norms stationed at Goa.
Medical Benefits	As per the norms.
Leave entitlements	Casual leave of 8 days per annum. If joined during the year,will be entitled on pro rata basis.
How to apply	Interested candidate can fill the below google form. https://forms.gle/e693ZgjJruxVtW358
Last Date of application	01.10.2021,5:00 PM.

* Continuation of fellowship dependent on satisfactory academic performance at all stages. After successful completion of 1 year, candidate tenure may be extended based on the performance and recommendation by appropriate committee.

Additional Instructions:

1. The appointment is purely temporary and will terminate automatically without any notice or compensation on termination of the research project.

2. If the number of applications received in response to advertisement is large. The constituted selection committee may restrict the number of candidates to be called for interview to a reasonable limit of desirable qualification and /or on the record of academic performance and/or any other benchmark decided by a committee constituted to screen the applications. No communication will be entertained with candidates who are not called for Interview.

3. Candidates with experience of less than 2 years, if selected, will be hired as JRF.

4. If the applicants have any questions, they can write to res-staff-rect@iitgoa.ac.in and in the subject they have to mention the Institute Project Number "**2019/EMR/SS/06**".

5. Informal inquiries via email may be made with PI- Dr. Sharad Sinha, Assistant Professor, School of Mathematics & Computer Science sharad@iitgoa.ac.in

6. The appointed person shall have no claim of appointment / absorption in funding Agency or in IIT Goa.

7. The qualification prescribed should have been obtained from recognized Universities / Institutions.

8. No TA/DA will be admissible for appearing for the interview.

9. Selected candidates will have to join in a reasonable time upon receipt of the offer.

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