



# National Institute of Technology Goa

Farmagudi, Ponda, Goa 403 401

(An Institution of National Importance under MHRD, Govt. of India)

Advt No:NITG/ADMIN/223/OW/461

Date:19/10/2023

## Advertisement for the Position of Junior Research Fellow (JRF) under the R&D Project of C2S scheme, MeiTY, Govt. of India EE-9/2/2021-R&D-E dated 22.05.2023

Applications are invited from interested and highly motivated candidates for the position of Junior Research Fellow (JRF) to work on the R&D project entitled “Design and Development of FPGA Accelerator IP for Deep Neural Network (FAipDNet)” funded under Chips to Startup (C2S) Programme, MeiTY, Govt. of India under the supervision of Dr. Amol D. Rahulkar, Chief Investigator in the Department of Electrical and Electronics Engineering, NIT Goa. The duration of the project is 5 Years. The details of post, essential qualifications and fellowship are as under:

Designation of post	Essential qualifications	Fellowship	Number of post
Junior Research Fellow (JRF)	M.E/M.Tech./M.S in relevant specialization of Electrical Engineering/Electronics and Communication Engineering/Instrumentation Engineering/Computer Engineering with minimum of 60% marks (or a minimum of CPGA of 6.5 on a 10-point scale). For SC/ST candidates a minimum 6.0 CGPA on a 10 point scale grading system or 55% marks and A GATE qualification obtained by candidate at some point in time.	Rs. 31,000/- pm + HRA as per norms (Total =35,960.00 pm)	02

### Job role and skill requirements

- Developing image processing and Machine/Deep learning algorithms
- MATLAB, Verilog/VHDL, FPGAs and Python programming
- Good Technical and Communication Skills.



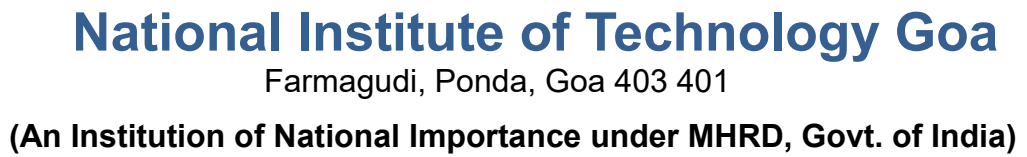
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## General Terms & Conditions:

1. The duration of post will be initially for one year and which will be extended upto the duration of project (5 Years) based on the satisfactory performance. The fellowship may be terminated if performance of candidate is not satisfactory. The monthly salary for JRF for two years will be Rs. 31,000.00 + HRA (Rs. 35960/- per month ) and it will be increased to 35,000+ HRA (Rs.40600/-) .
2. The post created under the C2S Programme, MeiTY project is purely on temporary basis and neither MeiTY nor the NIT Goa would have liability whatsoever for sustaining temporary staff recruited under the above mentioned project, after its completion/termination.
3. Candidates should apply by filling up the application below. Provide all the details along with self-attested copies of certificates, supporting documents and experience should reach to Dr. Amol D. Rahulkar by email at [amol.rahulkar@nitgoa.ac.in](mailto:amol.rahulkar@nitgoa.ac.in) with cc to [tveerakumar@nitgoa.ac.in](mailto:tveerakumar@nitgoa.ac.in) on or before **3/11/2023, 5.00 PM**
4. Subject of the email should be “**Application for JRF under C2S Scheme**”, **October 2023**
5. Only the shortlisted candidates will be informed by e-mail apart from publishing result in the NIT Goa website: [www.nitgoa.ac.in](http://www.nitgoa.ac.in) along with the date and time of the interview. No other letter will be sent to the correspondence address.
6. Incomplete application forms and forms received after due date will be summarily rejected.
7. The Junior Research Fellow will have option to register for Ph.D. program of institute; the candidate must meet the essential qualifications and qualify written examination & interview of Ph.D. admission of institute.
8. Candidates shall ensure that they are eligible for the position they intend to apply for before appearing for the interview
9. NIT Goa has right to cancel the recruitment for the aforesaid post at any time without providing any clarifications/information.
10. No interim correspondence will be entertained and canvassing in any form will lead to disqualification.
11. No TA/DA will be paid for attending the Interview.



**Title of Project:** Design and Development of FPGA Accelerator IP for Deep Neural Network (FAipDNet)

6. Academic Qualification: (Starting from Standard 10 or equivalent Examination)

[illegible]



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7. GATE/NET: Score: \_\_\_\_\_ Rank: \_\_\_\_\_ Specialization: \_\_\_\_\_ Year: \_\_\_\_\_

8. Research Experience details:

Sl. No	Name of position	Organization name and address	Years (From- To)

9. Research Publications (use additional sheet if required)

Total number:

Sl. No	Title of the paper (author/authors)	Journal name (Volume) page no

Note: the first page of the publication should be attached



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10. Contact Details of two referees:

	Referee I	Referee II
Name:		
Designation:		
Organization:		
Office Address:		
Office Phone Number:		
Email ID:		

I do hereby declare that the information furnished in this application is true to the best of my knowledge and belief. If selected, I promise to abide by the rules and regulations of the Institute.

Date:

Place:

*Signature of the candidate*