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Off No: 08818-284710

राष्ट्रीयप्रौद्योगिकीसंस्थान- आंध्रप्रदेश

**NATIONAL INSTITUTE OF TECHNOLOGY ANDHRA PRADESH**  
TADEPALLIGUDEM- 534102, WEST GODAVARI DIST., ANDHRA PRADESH, INDIA.

Ref. No.NITAndhra/DEE/KSPK/SERB-SRG/JRF/2022

Date: 24.01.2022

Applications are invited from the interested candidates for one temporary position of **Junior Research Fellow (JRF)** in a Department of Science and Technology (DST)- Science and Engineering Research Board (SERB), **Start-up Research Grant (SRG) Scheme**, sponsored project titled “**Edge Device Deployable Deep Learning Model For Screening Of Diabetic Retinopathy And Glaucoma In Rural India With High F-score**” bearing the sanction number **SRG/2021/000559** under taken in the **Electrical Engineering** Department.

Details of Qualifications, Emoluments, and Duration are given below:

S. No.	Particulars	Details
1	Name of the Position	Junior Research Fellow (JRF)
2	Essential Qualifications	a) First class with not less than 60% aggregate (or) not less than 6.5 CGPA on 10-point scale in B.E/B.Tech. in Electrical Engineering / Electronics Engineering/ Computer Science / Allied Branches. and b) First class Master's from Electrical Engineering / Electronics Engineering/ Computer Science / Allied Branches with GATE qualification. This point is exempted for IIT or NIT B.Tech <b>Note:</b> Preference will be given for those who have experience in Image Processing and Deep Learning techniques.
3	Project Title	Edge Device Deployable Deep Learning Model For Screening Of Diabetic Retinopathy And Glaucoma In Rural India With High F-score
4	Sponsoring Agency and Scheme	Science and Engineering Research Board (SERB), New Delhi and Start-up Research Grant (SRG)
5	Duration of Project	Two Years
6	No. of positions	01
7	Consolidated monthly Salary	Rs. 31,000/- per Month (No HRA)
8	Principal Investigator	Dr. Sri Phani Krishna Karri
9	Department	Electrical Engineering



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10	Tenure of Assignment	01 year, can be extended for another year based on satisfactory performance and availability of funds.
11	Desired Experience	Strong orientation towards: <ul style="list-style-type: none"><li>● Programming Convolutional Neural Networks based Deep learning architectures for Signal processing or image processing applications.</li><li>● Pytorch or Tensorflow</li><li>● Good English writing skills and report writing</li></ul>
12	Age Limit	28 years as on the closing date of the application (Age may be relaxed for exceptional candidates)
13	Other Benefits	The selected candidate is eligible to register for Ph.D. degree at NIT Andhra Pradesh as per institute rules.
14	Last date for receipt of application	<b>21-02-2022</b>

#### How to Apply:

Eligible candidates may send their detailed CV (specifying the qualifications and experience) and soft copy of the filled-in application form to [sriphani@nitandhra.ac.in](mailto:sriphani@nitandhra.ac.in). No hard copies of the application will be accepted. Only the shortlisted candidates will be informed by E-mail.

#### Selection Procedure:

The candidates will be selected through written test and/or interview.



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**General Instructions to the applicants:**

1. Selected candidates shall not have claim on any regular position and shall not be bestowed any of the privileges like Housing, Medical Facility and Other benefits available to regular employees of the Institute.
2. Applicants are advised to ensure, before appearing for Selection Process, that they possess the minimum essential qualification and experience laid down for the post. Qualification obtained has to be from a recognized University/Institute. Eligibility in terms of age, qualification, and experience of a candidate shall be considered as on the last date for receipt of application.
3. **No TA/DA will be paid for attending the Interview.**
4. In case of any inadvertent mistake in the process of selection, which may be detected at any stage even after the issue of the appointment letter, the Institute reserves the right to modify, withdraw or cancel any communication made to the Applicants.
5. After joining the service of the Institute, the person will have to abide by the Rules, Regulations, Ordinances, Statutes, and Act of the Institute applicable from time to time. He/She may be assigned any duty within or outside the Institute depending upon the exigency of the work.
6. In case of any dispute/ambiguity that may occur in the process of selection, the decision of the Institute shall be final.
7. For a query related to the selection process, the **applicant may send an email [sriphani@nitandhra.ac.in](mailto:sriphani@nitandhra.ac.in). However, queries through phone calls or in-person will not be entertained. Also, enquiry/queries related to eligibility for the post/interpretation of rules will not be entertained.**



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**NATIONAL INSTITUTE OF TECHNOLOGY ANDHRA PRADESH**

TADEPALLIGUDEM- 534102, WEST GODAVARI DIST., ANDHRA PRADESH, INDIA.

**Application for the Position of Junior Research Fellow (JRF)**

**DST-SERB Sponsored Project: SRG/2021/000559**

**Dt:**

**Project Title:** Edge Device Deployable Deep Learning Model For Screening Of Diabetic Retinopathy And Glaucoma In Rural India With High F-score

1. Name of the Candidate (In BLOCK LETTERS):

\_\_\_\_\_

2. Date of Birth (DOB): \_\_\_\_\_

3. Sex (M/F): \_\_\_\_\_

4. Marital Status (Single/Married): \_\_\_\_\_

5. Category (General/OBC/SC/ST): \_\_\_\_\_

6. Nationality: \_\_\_\_\_

7. Name of the Post applied for: \_\_\_\_\_

8. Aadhar No.: \_\_\_\_\_

9. Mobile No.: \_\_\_\_\_

10. Email Address: \_\_\_\_\_

11. Address:

Correspondence: \_\_\_\_\_

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Permanent: \_\_\_\_\_

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Passport size  
Recent  
Photograph



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12. Academic/Professional Qualifications (Attach the copy of proof, mark sheet/grade card,etc):

<b>Educational Qualifications</b>	<b>Institute/ University / Board</b>	<b>Discipline/ Field</b>	<b>Year of Passing</b>	<b>Class/ Division</b>	<b>% of Marks/ CGPA</b>
M. Tech./M. E					
B. Tech./B. E					
12 <sup>th</sup> Standard					
SSC/ 10 <sup>th</sup>					

13. GATE/NET Qualification(Yes/No):

AppearedYear:

GATE/NETRank:

GATE/NETScore:

14. Details of work Experience if any: (Enclose the copy of experience certificate and/orNOC)

15. Previous Research work and Publications if any (enclose the first page ofpublication):

**DECLARATION**

I \_\_\_\_\_ hereby declare that all the statements made in this application are true, complete and correct to the best of my knowledge and belief. In the event of the information being found false or incorrect or any ineligibility being detected before or after the selection, my candidature is liable to be cancelled.

Date:

Signature of theApplicant

Place: