



**DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING  
NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA  
SURATHKAL, SRINIVASNAGAR - 575025, MANGALORE,  
KARNATAKA, INDIA**

**Advt. No.:**

**Dated: 28/02/2022**

**Advertisement for the Position of JRF**

Applications are invited from the interested candidates for the post of JRF to work on the R&D project titled “**Development of Integrated Health Monitoring Tools for Solar PV inverters**” supported by Science and Engineering Research Board (SERB), New Delhi. The selected candidate will be appointed initially for one year (on contract) and the services will be extended for next year based on the performance review.

<b>S No.</b>	<b>Position</b>	<b>Area of Specialization</b>	<b>Maximum Duration</b>	<b>Consolidated Salary</b>	<b>Number of Positions</b>
1	Junior Research Fellow	Power Electronics	20 Months	Rs. 31,000/- per month (consolidated)	One (01)

**Eligibility:**

**Educational Qualification:**

BE/B.Tech in Electrical & Electronics Engineering and M.Tech./MS(R)/M.E./equivalent in Electrical & Electronics Engineering with expertise in Power Electronics. Candidates must have at least 6.5/10 CGPA or 60 percent marks in aggregate from a recognized technical institute or university as a full-time program.

**Essential:** Applicant must be GATE qualified. A good GATE score will be an added advantage. Those who are appearing for M. Tech/ME last semester may also apply. Proof of M. Tech/ME certificate has to be provided during the time of interview.

**Desirable:** Expertise in MATLAB, PSCAD simulations, experience in development of power electronics hardware, experience in FPGA, DSP coding.

**Age limit: 30 years**

**Note: - The candidate is entitled to register for Ph.D. at NITK, Surathkal.**



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Interested candidates must apply with the following documents: (1) Cover letter (2) CV with passport-sized photograph, (3) Scanned copies of educational certificates and mark sheets from class XII onwards (4) GATE qualified certificate and (5) Scanned copies of Proof for research experience, special achievements and publications, if any. **The soft copies of all the above documents (pdf format) must be emailed to the Principal Investigator (Dr. Md Waseem Ahmad) on or before 25<sup>th</sup> March 2022 and hard copies of all the documents should be send to the address for correspondence as given below.** No TA/DA will be paid for attending the written test/interview. The appointment will be on a purely temporary basis co-terminus with the project. Candidates who are already employed should produce relieving certificate from their employers, if selected. **The shortlisted candidates with the date of written test/interview will be intimated by email only.**

**Address for Correspondence:**

To,  
Dr. Md Waseem Ahmad  
Principal Investigator and Assistant Professor,  
Dept. of Electrical & Electronics Engineering,  
NITK Surathkal, Mangalore,  
Karnataka, India -575025

Telephone: 0824-2473488

Email: [waseem@nitk.edu.in](mailto:waseem@nitk.edu.in)

**NOTE:** The envelope containing the application should be super scribed as “**Application for the position of JRF under SERB project, “Development of Integrated Health Monitoring Tools for Solar PV inverters”**”.



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**Application for the Position of Junior Research Fellow under SERB**

1. Post Applied for : JRF-Junior Research Fellow

2. Name of the Candidate (BLOCKLETTER):

3. Father's Name (BLOCKLETTER):

4. Mother's Name (BLOCKLETTER):

5. (a) Date of Birth: (DD/MM/YYYY) \_\_\_\_\_

(b) Sex (Male/Female/Other): \_\_ \_

(c) Marital Status: Married/Single

(d) Category: SC/ST/OBC/PWD/Open

6. Previous Research experience: (use additional sheet if required) \_\_\_\_\_

7. Publication(s), if any: (use additional sheet if required) \_\_\_\_\_

8. GATE/ NET (if any): Qualified (Yes/No): Score: \_\_\_\_\_ Rank: \_\_\_\_\_

Specialization: \_\_\_\_\_ Year: \_\_\_\_\_

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recent passport  
size photograph



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

<b>Name of Exam Passed</b>	<b>Name of the School/College/Institute/ University</b>	<b>Year of Passing</b>	<b>Discipline/ Specialization</b>	<b>Percentage of Marks/ CGPA</b>

10. (a) Address for Communication: (BLOCKLETTER):

(b) Contact No (Mob):

(c) E-mail ID :

11. Contact Details of two referees:

	<b>Referee I</b>	<b>Referee II</b>
<b>Name :</b>		
<b>Designation :</b>		
<b>Organization:</b>		
<b>Office Address :</b>		
<b>Office Phone Number:</b>		
<b>Email ID:</b>		



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12. Experience if any (in years and use additional sheet if required)

13. Declaration:

I do here by 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

**Note-** If any information is required, extra A4 sheet may be attached.