



# NATIONAL INSTITUTE OF TECHNOLOGY SRINAGAR

(An autonomous Institute of National Importance under the aegis of the Ministry of Education, Govt. of India)

## DEPARTMENT OF ELECTRICAL ENGINEERING

Hazratbal, Srinagar Jammu and Kashmir, 190006, INDIA

### Advertisement for JRF recruitment under ECRG-ANRF Project

Project title	Seamless Transition between Grid-Forming and Grid-Following Modes in a Grid-Tied Solar Photovoltaic System
Sponsoring agency	Anusandhan National Research Foundation (ANRF)
Position title	Junior Research Fellow
Duration	Initially for one year, with the possibility of extension up to three years (36 months)
Number of position(s)	1 (One)
Last date to apply	23/07/2025 (Wednesday)
Essential Qualification	<ol style="list-style-type: none"><li>1. B.E. /B. Tech. in Electrical Engineering Engineering or relevant degree with a minimum CGPA of 6.5 or not less than 60%.</li><li>2. M. E. / M. Tech in a related field, preferably with a specialization in Power Electronics and Drives/ Solar Energy/ Renewable Energy with a minimum CGPA of 6.5 or not less than 60% for General/OBC/EWS Category and for SC/ST minimum CGPA of 6.0 Or not less than 55% marks at Master's level, selected through a process described through any one of the following<ol style="list-style-type: none"><li>A. Scholars who are selected through the National Eligibility Test- CSIR-UGC NET, including lectureship (Assistant Professorship) and GATE</li><li>B. The selection process through National Level Examinations conducted by central government departments and their agencies and institutions such as DST, DBT, DAE, DOS, DRDO, MoE, ICAR, ICMR, IIT, IISc, IISER, NISER etc.</li></ol></li><li>3. Qualified GATE Score.</li></ol>
Desirable	<ul style="list-style-type: none"><li>• Hands-on experience in the <b>hardware development and testing</b> of various power electronics based systems</li><li>• Exposure to various real time controller such as <b>Dspace/DSP</b></li></ul>
Emoluments	<b>Rs. 37,000/-</b> (plus 20% HRA as admissible) per month for 2 years <b>Rs. 42,000/-</b> (plus 20% HRA as admissible) per month after completion of two years as JRF
Registration for PhD	The selected candidate can register for the Ph.D. program if eligible, as per the institute's rules and statutes.
How to apply?	<ul style="list-style-type: none"><li>• Complete the application form provided with this advertisement</li><li>• Include a brief CV (maximum 3 pages)</li></ul>



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	<ul style="list-style-type: none"><li>• Attach scanned copies of all relevant certificates (to be submitted as a single PDF file)</li><li>• Submit the complete application via email to: <b>ikhlaq@nitsri.ac.in</b></li></ul> <b>Note:</b> Incomplete applications will be rejected without further notice.
Submission mode	Soft copy
Contact	Name: Dr. Ikhtlaq Hussain Assistant Professor, Electrical Engineering Department National Institute of Technology Srinagar - 190006 Jammu and Kashmir <a href="mailto:ikhlaq@nitsri.ac.in">ikhlaq@nitsri.ac.in</a> 8588831924

Interested and eligible candidates may send their application (scanned copy in pdf Format) as per the format given below, along with the CV, and copies of certificates to [ikhlaq@nitsri.ac.in](mailto:ikhlaq@nitsri.ac.in) by 23-07-2025. Please mention the subject line of your email as

### Application for the ANRF-ECRG: JRF position

The 3 files should be specifically in PDF format and be named as:

1. Your Name\_application.pdf
2. Your Name\_CV.pdf
3. Your Name\_Certificates.pdf
  - a. Scanned copies of B Tech and M Tech certificates
  - b. Scanned copy of Date of Birth
  - c. Scanned copies of Proof for research experience, special achievements, and publications (SCI & Scopus only), if any.

No other format will be accepted, and applications will be rejected

The shortlisted/screened candidates can attend an interview in **online/offline** mode. The interview date will be communicated to the screened candidates through email or the institute's website.

**No TA/DA will be paid for attending the interview.**

For any clarifications, candidates can contact the Principal Investigator.

### Dr. Ikhtlaq Hussain

Principal Investigator (Project)

Assistant Professor, Electrical Engineering Department

National Institute of Technology Srinagar

Jammu and Kashmir– 190006, India

**Email:** [ikhlaq@nitsri.ac.in](mailto:ikhlaq@nitsri.ac.in)

**Mobile:** 8588831924.



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 Hazratbal , Srinagar Jammu and Kashmir, 190006, INDIA

**Application Form**

**Department:** \_\_\_\_\_

Application	Junior Research Fellow (JRF) under the Research Project entitled: <b>Seamless Transition between Grid-Forming and Grid-Following Modes in a Grid-Tied Solar Photovoltaic System</b>
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Name (Block Letters)	Do not staple  Paste Recent Passport Size Colour Photograph
Parentage / Guardian Name	
Date of Birth	
Age (On date of application)	
Place of Birth	
Marital Status	
Rural/Urban	
Mobile No	
Email Id	

<b>Permanent Address</b>	<b>Address for Correspondence</b>

QUALIFYING EXAMINATIONS				
Degree	Specialization /Subjects	Institution / University / Board	Year	Percentage/CGPA
M Tech				
B Tech				
Hr Sec II (12 <sup>th</sup> )				
SSC (10 <sup>th</sup> )				
Any Other				

	<b>Documents Submitted</b>	<b>7.</b>	
<b>1.</b>		<b>8.</b>	
<b>2.</b>		<b>Documents Awaited (If Any)</b>	
<b>3.</b>		<b>1.</b>	
<b>4.</b>		<b>2.</b>	
<b>5.</b>		<b>3.</b>	
<b>6.</b>		<b>4.</b>	



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**Research Publications**

Total number of publications (SCI/Scopus)	
List of Publications (SCI/Scopus)	

**Research Experience / Employment Details**

Organization	Period (From-To )	Designation / Other Details

**Contact details of two referees:**

	Reference I	Reference II
Name		
Designation		
Organization		
Office Address		
Phone / Mobile Number		
Email ID		

**Any other Relevant Information:**\_\_\_\_\_

**I solemnly affirm that:**

- (a) The aforementioned particulars given by me are correct, and the documents furnished are genuine.
- (b) My application for the said position in the National Institute of Technology Srinagar is purely provisional at my own risk and responsibility, subject to verification of all academic documents. In case of any discrepancy found therein at any stage, my application shall be treated as canceled.
- (c) I shall abide by the rules and regulations at present in force or those that may hereafter be made applicable by the Institute. I undertake that so long as I am a fellow of the Institute, I will do nothing either inside or outside the Institute campus that will interfere with its orderly working and discipline.
- (d) I have not been convicted of any criminal offense, nor have I been released on bail in connection with any criminal case.
- (e) No case of criminal offense or mortal turpitude is pending against me in any court of law.
- (f) No complaint or F.I.R. has been lodged against me by the university / Institute/principal of the constituent institute/Affiliated Institute by the Department where I am/was working.

\_\_\_\_\_  
Signature of the Applicant

Dated:\_\_\_\_\_