



विद्युत अभियांत्रिकी विभाग  
राष्ट्रीय प्रौद्योगिकी संस्थान श्रीनगर  
(शिक्षा मंत्रालय, भारत सरकार के तत्वावधान में राष्ट्रीय महत्व का एक स्वायत्त संस्थान)

हजरतबल, श्रीनगर, जम्मू-कश्मीर, 190006, भारत

DEPARTMENT OF ELECTRICAL ENGINEERING  
NATIONAL INSTITUTE OF TECHNOLOGY SRINAGAR  
(An Autonomous Institute of National Importance under the aegis of Ministry of Education, Govt. of India)  
Hazratbal, Srinagar Jammu and Kashmir, 190006, INDIA

Advertisement No: **ELE/NIT/212** DT: 29<sup>th</sup> February 2024  
ADVERTISEMENT FOR JRA RECRUITMENT UNDER JKSTIC PROJECT

Project title	Design and Implementation of a Novel Sensorless Control Scheme for Electric Vehicle Drive Application with Reduced Torque & Current Ripples
Sponsoring agency	J&K Science Technology and Innovation Council (JKSTIC) Department of Science and Technology, Government of J&K
Position title	Junior Research Assistant
Duration	Initially for a period of 1 year but likely to extend for 24 months (2 years)
Number of position(s)	1 (One)
Essential Qualification	1. B.E. /B. Tech. in Electrical Engineering or relevant degree with a minimum CGPA of 6.5 or at least 60%. 2. M. E. /M. Tech in a related field, preferably with specialization in Control Systems/ Power Electronics, or who has done a Major project related to Control Systems/ Power Electronics, with a minimum CGPA of 6.5 or at least 60%.  OR BE/B. Tech (4 years) with valid GATE score above the prescribed cut-off level / NET Qualification. The candidates shall have a minimum CGPA of 8.0 or at least 75%.
Desirable	Prior knowledge of Electric Drives, Controllers, and Electric Vehicle with a good hold on MATLAB/Simulink
Emoluments	Rs. 20,000/- Per month
Registration for PhD	According to institute rules and statutes, the selected candidate can register for the Ph.D. program if eligible.
How to apply?	The format of the application is attached to this advertisement. Complete application form, a brief CV (maximum three pages), and scanned copies of certificates (All certificates should be a single file in pdf format) be sent via email to <a href="mailto:shoeb.hussain@nitsri.ac.in">shoeb.hussain@nitsri.ac.in</a> Incomplete Application forms will be rejected without any information.
Submission mode	Soft copy
Last date to apply	<b>12/03/2024</b>
Contact	Name: Shoeb Hussain Assistant Professor Electrical Engineering Department National Institute of Technology Srinagar - 190006 Jammu and Kashmir <a href="mailto:shoeb.hussain@nitsri.ac.in">shoeb.hussain@nitsri.ac.in</a> 9419023511

Interested and eligible candidates may send their application (scanned copy in pdf format) in the format below, along with the CV and copies of certificates, to [shoeb.hussain@nitsri.ac.in](mailto:shoeb.hussain@nitsri.ac.in) by **12-03-2024**.

Please mention the subject line of your email as  
**Application for the JKSTIC: JRA position**

**The three files should be precisely in pdf format and be named:**

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, notable achievements, and publications, if any.

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

Shortlisted/screened candidates will have to attend the interview at NIT Srinagar. The interview date will be communicated to the screened candidates via e-mail, phone, or the Institute website.

**No TA/DA will be paid to attend the interview.**

For any clarifications, candidates can contact the principal investigator.

**Dr. Shoeb Hussain**

Principal Investigator (project)

Assistant Professor Electrical Engineering Department

National Institute of Technology Srinagar - 190006

Jammu and Kashmir

**E-mail: [shoeb.hussain@nitsri.ac.in](mailto:shoeb.hussain@nitsri.ac.in)**

Contact: 9419023511

## Format of Application Form



**NATIONAL INSTITUTE OF TECHNOLOGY SRINAGAR 190006**

**Application Form**

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

Application	Junior Research Assistant (JRA) under Research Project entitled:
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Name (Block Letters)		Do not staple. Paste Recent Passport Size Color Photograph.
Parentage / Guardian Name		
Date of Birth		
Age (On the date of application)		
Place of Birth		
Marital Status		
Rural/Urban		
Mobile No		
Email Id		
Permanent Address	Address for Correspondence	

### QUALIFYING EXAMINATIONS

Degree	Specialization /Subject	Institution / University / Board	Year	Percentage/CGPA
M.Tech.				
B.Tech.				
Hr. Sec II (12th)				
SSC (10th)				
Any Other				

	Documents Submitted	8.	
1.		9.	
2.		10.	
3.			<b>Documents Awaited (If Any)</b>
4.		1.	
5.		2.	
6.		3.	
7.		4.	

**Research Publications**

Total number of publications	
List of Publications	

**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 particulars above 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 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 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 been released on bail in connection with any criminal case.
- e. No case of criminal offense or moral 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 Instituted /Affiliated Institute or by the Department where I am/was working.

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

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

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**FOR OFFICE USE ONLY**