



**NATIONAL INSTITUTE OF TECHNOLOGY SRINAGAR**  
(An autonomous Institute of National Importance under the aegis of Ministry of Education, Govt. of India)  
**DEPARTMENT OF ELECTRICAL ENGINEERING**

Hazratbal, Srinagar Jammu and Kashmir, 190006, INDIA

Advt. No: 888/NITS/EED/SERB/CRG/2020-21

**Advertisement for JRF recruitment under DST-SERB-CRG Project**

Project title	DESIGN AND DEVELOPMENT OF SWITCHED RELUCTANCE MOTOR DRIVE FOR PLUG-IN HYBRID ELECTRIC VEHICLES WITH VOLTAGE BOOSTING & ON-BOARD CHARGING CAPABILITIES.
Sponsoring agency	Science and Engineering Research Board (SERB) - Core Research Grant
Position title	Junior Research Fellow (JRF)
Duration (in years)	36 months (3 years)
Number of position(s)	One
Essential qualification	B.E./B.Tech/ or equivalent degree in Electrical Engineering/ Electrical and Electronics Engineering & M.E./M.Tech/ or equivalent degree in Power Electronics and Electrical Drives and related specializations with minimum 60% aggregate marks (CGPA $\geq$ 6.5/10) in UG & PG to qualify under OC/OBC category and minimum 55% aggregate marks (CGPA $\geq$ 6.0) for candidates under SC/ST/PWD category. Note: GATE score is mandatory.
Desired qualifications	Prior knowledge of Power Electronic Converters, Switched Reluctance Motor and Hybrid Electric Vehicles.
Desirable	Expertise in MATLAB, ANSYS MAXWELL Software Simulations, experience in development of Power Electronics hardware, experience in FPGA, DSP coding and Project management.
Emoluments	Rs. 31,000/- pm for the first 2 years and 35,000/- pm for the third year.
HRA/ Accommodation	No
Other benefits	The selected candidates are eligible to register for PhD degree at NIT, Srinagar as per institute rules.
How to apply?	The proforma of application is attached with this advertisement. Complete and send to an email <a href="mailto:obbuchandra@nitsri.ac.in">obbuchandra@nitsri.ac.in</a> along with the Bio data/CV and scanned copy of certificates.
Submission mode	Soft copy
Last date to apply	09/05/2021 @05.00 pm
Whom to contact?	Name: Dr. Obbu Chandra Sekhar Designation: Associate Professor Department: Electrical Engineering National Institute of Technology Srinagar - 190006 Jammu and Kashmir (UT), India
Contact Email ID	<a href="mailto:obbuchandra@nitsri.ac.in">obbuchandra@nitsri.ac.in</a>



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Please note:-

- The position is purely temporary
- Please enclose a brief resume/ curriculum vitae/ bio-data along with the applications form
- List of eligible candidates will be announced on the institute website and also intimated through email or phone.
- Shortlisted candidates will have to attend an interview (ONLINE/OFFLINE)
- If interview needs to be conducted online, candidates are expected to have good internet connection
- No TA/DA will be paid for attending interview

Interested and eligible candidates may send their application (scanned copy) as per the format given below along with the supporting copies of certificates to [obbuchandra@nitsri.ac.in](mailto:obbuchandra@nitsri.ac.in) by 09-05-2021. Please mention the subject line of your email as **“Application for the JRF position”**. The interview date will be communicated to the eligible candidates through e-mail or phone.

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

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 certificates and
5. Scanned copies of Proof for research experience, special achievements and publications, if any.

Candidates who are already employed should produce 'No objection Certificate' (NOC) from the employer and students should provide provisional degree certificate or its equivalent at the time of interview. The selected candidate is expected to produce a Relieving Certificate from his/her employer or provisional degree certificate in case of students and join the duties within a week after intimation of their selection, else it would be offered to a candidate in waiting list.

For any clarifications, candidates can contact the Principle Investigator.

**Dr. Obbu Chandra Sekhar**

Principal Investigator (SERB project)

Associate Professor

Electrical Engineering Department

National Institute of Technology Srinagar

Jammu and Kashmir (UT) – 190006 , India

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

Mobile: 9440343273.