



NATIONAL INSTITUTE OF TECHNOLOGY WARANGAL

ADVERTISEMENT FOR THE SELECTION OF PROJECT STAFF

ADVT No.: EED/IMPRINT/SRF/2022/01, Date: 04/03/2022

Advertisement format for SRF recruitment under a research project

Project title	Design and Development of High Efficient Switched Reluctance Motor based Solar Photovoltaic (SPV) Water Pumping System (WPS)
Sponsoring agency	IMPRINT-INDIA/SERB, MoE(MHRD)
Position title	Senior Research Fellow (SRF)
Duration (in years)	01 year / Till the project closure period. May be extendable based on the fund availability.
Number of position(s)	One
Essential qualification & experience	<ul style="list-style-type: none">• B.E./ B.Tech/ or equivalent degree in <u>Electrical & Electronics Engineering</u> First class/ Second class)• ME/M.Tech in <u>Power Electronics & Drives</u> with valid GATE/DBT-JRF/ICMR/UGC/CSIR/DST-Inspire score/• 2 years' research experience as JRF/equivalent.
Age limit	30 years as on the last date for submission of application.
Age relaxation	Upper age is relaxable up to 5 years for the deserving candidates.
Desired qualifications	<ul style="list-style-type: none">• Prior knowledge on Simulation & Practical implementation of Switched Reluctance Motor (SRM)/BLDC/PMSM/Open End Winding & Multi phase Induction Motor drives & Solar Photovoltaic (SPV) systems.• Knowledge of simulation software such as PSIM, MATLAB etc.• Experience on implementation of hardware power converter modules/PCB design• Knowledge of Verilog/VHDL/ DSP programming or equivalent to generate control signals.• Working knowledge of Switched Reluctance Motor (SRM) drive is most desirable.
Emoluments	35,000/- pm
HRA/ Accommodation	HRA as per institute rules. The selected candidate is also eligible for on-campus Hostel & Mess facilities, subject to availability.
Job nature	Brief what candidate is expected to perform under this position
Other benefits	The selected candidates are eligible to register for PhD degree at NIT, Warangal as per institute rules. However s(he) needs to apply for PhD position when the advertisement is open.
How to apply?	The perform of application is attached with this advertisement. Complete and send to an email blnraju@nitw.ac.in
Submission mode	soft copy with all necessary self-attested documents by email only.
Last date to apply	25/03/2022 @11.59pm
Whom to contact?	Name: Dr. B L Narasimharaju Designation: Associate Professor Department of Electrical Engineering National Institute of Technology Warangal – 506 004 Telangana State, India
Contact Email ID	blnraju@nitw.ac.in

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 candidate will have to attend an interview (ONLINE/OFFLINE)
- If Interview need to be conducted online, candidates are expected to have good internet connection
- No TA/DA will be paid for attending interview

APPLICATION FOR THE POSITION OF **SRF POSITION UNDER IMPRINT/SERB** SPONSORED RESEARCH PROJECT

Advt. No. _____ dated DD/MM/YYYY

(Please enclose a copy of bio-data/ resume/ curriculum-vitae)

1. **Name of the candidate**
2. **Father's name**
3. **Date of birth (DD/MM/YYYY)**
4. **Sex** Male/ Female
5. **Marital status** Single/ married
6. **Category** OC/OBC/SC/ST
7. **Educational qualifications**

Degree	Specialization/ subjects	Board/ University	Year of passing	Class	Percentage/ CGPA
SSC					
Intermediate					
B.Sc./ B.E./B.Tech					
M.Sc./ M.Tech.					
Ph.D.					

8. GATE/ NET/ ICMR/ DBT-SRF score earned/ qualified

Score	Year appeared	Score	All India rank
GATE/ NET/ mention			

9. Research/Industrial/Teaching experience

S.No.	Organisation/ industry served	Date/ Month of entry	Date/ Month of leaving	Months/ Years of experience

10. Publications/ conference participations

11. Any other relevant information

Declaration

I hereby declare that all 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. I confirm, that I am available for ONLINE interview, if necessary.

Date:

Signature of the candidate