



NATIONAL INSTITUTE OF TECHNOLOGY :: WARANGAL
WARANGAL – 506004, Telangana, INDIA
Department of Electrical Engineering

No.: NITW/EED/BLNR/MHRD-IMPRINT/SRF/ADVT/2020/02

Date: 25/02/2020

Extended Last Date to Submit Application for SRF Post (09th-March-2020)

Advertisement for the Post of Senior Research Fellow

Applications are invited from the interested candidates for **ONE** post of **Senior Research Fellow (SRF)** under IMPRINT-MHRD Scheme, Science & Engineering Research Board (SERB), India, sponsored research project entitled **“Design and Development of High Efficient Switched Reluctance Motor (SRM) based Solar Photovoltaic (SPV) Water Pumping System (WPS)”** File No.: IMP/2019/000295/EN. The staff will be appointed initially for one year (**Purely on Temporary basis**) and the services may be extended till the end of the project based on the performance review.

Details of post, Qualifications, Emoluments and Duration are:

Name of the Post:	Senior Research Fellow (SRF) (purely on Temporary basis)
Number of posts :	01 - Post
Eligibility :	<ul style="list-style-type: none">• First class with not less than 60% aggregate (or) not less than 6.5 CGPA on a 10 point scale in B.Tech/BE in Electrical/Electrical & Electronics Engineering with valid GATE Score and TWO YEARS OF RESEARCH EXPERIENCE. OR• First class with not less than 60% aggregate (or) not less than 6.5 CGPA on a 10 point scale in BE/BTech in Electrical/Electrical & Electronics Engineering and M.Tech/ ME in the specializations of Power Electronics (or) Power Electronics and Drives from a recognized technical Institute/University as a full time program with valid GATE Score and TWO YEARS OF RESEARCH EXPERIENCE. OR• First class with not less than 60% aggregate (or) not less than 6.5 CGPA on a 10 point scale in BE/B Tech in Electrical/Electrical & Electronics Engineering and M.Tech/ ME in the specializations of Power Electronics (or) Power Electronics and Drives from a recognized technical Institute/University as a full time program selected through any other national level examinations conducted by Central Government Departments & their agencies and institutions such as; IIT/IISc/IISER/ICMR/ICAR/DST/DBT/DAE/DOS/DRDO/ MHRD/IES/ISRO etc. and TWO YEARS OF RESEARCH EXPERIENCE.
Duration :	Initial appointment for a period of one year and may be extended up to the period of project duration based on annual performance review.
Consolidated Salary :	1. Fellowship of Rs.35,000/- pm for Three years of project duration. 2. HRA as approved by SERB and institute norms as applicable OR Selected candidate is eligible for on campus Hostel & Mess facilities at their own expenses.
Other Benefits	Candidate interested to pursue PhD degree at NIT Warangal may apply for the SRF post.
Age Limit:	32 years as on the last date for submission of application. However, age relaxation will be given for the deserving candidates.

Desired Skills :-

- **Simulation & Practical implementation of Switched Reluctance Motor (SRM)/BLDC/PMSM/Open End Winding & Multi phase Induction Motor drives & Solar Photovoltaic (SPV) systems.**
- Strong fundamentals in electrical engineering subjects including power electronics.
- Knowledge of simulation software such as PSIM, MATLAB etc.
- Experience of working on implementation of hardware power converter modules/PCB design
- Knowledge of Verilog/VHDL/ DSP programming or equivalent to generate control signals.
- Ability to write technical research papers, work in a team and good communication skills.
- Working knowledge of Switched Reluctance Motor (SRM) drive is most desirable.

How to apply: Interested and eligible candidates are required to apply in the prescribed application format available in the institute website www.nitw.ac.in . Filled in Hard copy of application with the supporting copies of certificates should be sent **by Post/Courier** to the correspondence address given below with a superscription on the envelope containing **“Application for the Post of Senior Research Fellow (MHRD-IMPRINT-India-Project-EED-BLNR)”** so as to reach by **09th March, 2020, Monday.**

Attention:

- The applicant will be responsible for the authenticity of information, other documents and photograph submitted.
- The Institute reserves the right to accept application at any time, and consider candidates of exceptional credentials without applications.
- Mere possessing the prescribed qualification does not ensure that the candidate would be called for Interview. The Candidates will be shortlisted on the basis of merit and need of the project.
- Shortlisted Candidates will be informed by email (apart from website) about the interview date. The candidates must provide valid E-mail IDs in the application.
- Shortlisted candidates have to present themselves for the interview on the interview date with updated CV, and original and attested photocopies of mark sheets/ certificates in support of their academic qualifications.
- Applicants in employment (private, government or any other organization) are required to submit a **“No Objection Certificate” (NOC)** from the employer at the time of interview.
- No TA/DA will be paid for appearing in the interview.
- **Last date for receiving the duly filled in application is 09th March, 2020, Monday.**
- Candidates called for written test/interview will be posted in the Institute website.

ADDRESS FOR CORRESPONDENCE:

Dr. B. L Narasimharaju,

Principal Investigator, IMPRINT-IIC.I Project

Department of Electrical Engineering

National Institute of Technology Warangal

Warangal-506004, Telangana State.

Ph: +91- 8332969294

Email: blnraju@nitw.ac.in



NATIONAL INSTITUTE OF TECHNOLOGY :: WARANGAL

WARANGAL – 506004, Telangana, INDIA

Department of Electrical Engineering

Application for the Position of SRF

(Under IMPRINT-SERB MHRD Sponsored Project : IMP/2019/000295/EN)

1. Name of the Candidate (BLOCK LETTER):

2. Father's Name (BLOCK LETTER):

3. Mother's Name (BLOCK LETTER):

4. (a) Date of Birth & Age : (DD/MM/YYYY) : _____

(b) Sex (Male/Female) : _____

(c) Marital Status (Single/Married):

(d) Nationality:

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

5. GATE/Any other: Qualified (Yes/No): Score: _____, Rank: _____ Year: _____.

Specialization: _____

7. Are you interested to register for PhD at NIT Warangal, if selected? Yes /No.

8. Academic Qualifications (Starting from Standard 10 or equivalent Examination):

Name of Exam/Course Passed	Name of the School/Institute/ University	Year of Passing	Discipline/ Specialization	Percentage of Marks/ CGPA out of 10

9. Experience of Research & Teaching (attach copy of experience certificate and/or NOC):

10. Phone Numbers: Landline with STD code: _____ Mobile No :

11. Email ID:

Affix signed
passport size
recent
photograph

12. Address

(i) Correspondence:

.....

.....

.....

.....

(ii) Permanent:

.....

.....

.....

.....

13. Contact Details of two referees:

Details	Referee I	Referee II
Name:		
Designation:		
Organization:		
Office Address:		
Phone Numbers:		
Email ID:		

14. Publications if any (attach copies of best THREE papers in your opinion):

15. For any other relevant information:

DECLARATION

I hereby declare that all the information furnished in this application is true to the best of my knowledge and belief. In the event of the any information being found false/incorrect or any ineligibility being detected before or after the selection, my candidature is liable to be cancelled. If selected, I promise to abide by the rules and regulations of the Institute.

Date & Place:

Signature of the Candidate

Note: If any extra information is to be furnished, separate sheets may be attached.