



NATIONAL INSTITUTE OF TECHNOLOGY ROURKELA
SPONSORED RESEARCH, INDUSTRIAL CONSULTANCY & CONTINUING EDUCATION

NITR/SR/2022/Advt-22EE047/L/054, dt. 29.11.2022

Applications are invited on prescribed format (On-line) for the temporary post of "Senior Research Fellow (SRF) / 01" for the Project entitled "**Droop based Co-ordinated Control of a Triple Active Bridge Interlinking Converter for Hybrid Microgrid with EV Charging Facility**" Selected candidate may enroll in **Ph.D.** Programme in the **Department of Electrical Engineering, National Institute of Technology Rourkela** based on Institute norms and regulations.

1.	Project Code	SR/22/EE/047
2.	Name of the Temporary Post	Senior Research Fellow - 01
3.	Name of the Research Project	Droop based Co-ordinated Control of a Triple Active Bridge Interlinking Converter for Hybrid Microgrid with EV Charging Facility
4.	Name of the Sponsoring Agency	SERB, DST, Govt. of India
5.	Tenure of the Project	03 years
6.	Tenure of the Assignment	Initial for a period of one year (Extendable to three years upon satisfactory performance)
7.	Job Description	To carry out the research work (Experimental), in the field of Renewable Energy Systems Scope to enroll as a Ph. D. Scholar in Department of Electrical Engineering (has to satisfy Institute / Department Eligibility Criteria)
8.	Consolidated monthly compensation / Fellowship	INR 35,000 /-
9.	Essential Qualifications and experience	M. Tech. in Electrical Engineering with 65% marks or 7.0 CGPA, along with Institute norms.
10.	Desirable Qualifications / Exp.	Valid GATE Score/ Power Electronics & Drives Specialization
11.	Accommodation	Bachelor / Married accommodation in the Institute may be provided subject to availability.

For technical information on the project, the candidate may contact the Principal Investigator at the following address:

Name : Prof. Monalisa Pattnaik,
Address : Department of Electrical Engineering
National Institute of Technology Rourkela, Odisha 769 008.
Tel. No. : 0661-246 2423
Mobile : 8895381976
E-mail : pattnaikm@nitrkl.ac.in

**Date of Test and/ Interview (Venue – Department of Electrical Engineering NIT, Rourkela)/
online: 21.12.2022 & 22.12.2022.**

Eligible candidates may apply within **12.12.2022, 2359 HRS**. The candidates are required to send the complete filled up application form (Soft copy) to pattnaikm@nitrkl.ac.in. The application form is available in the following link: [https://nitrkl.ac.in/oldwebsite/Jobs_Tenders/5ProjectFellowships/Doc/JRF%20LS-PND-64\(2\).pdf](https://nitrkl.ac.in/oldwebsite/Jobs_Tenders/5ProjectFellowships/Doc/JRF%20LS-PND-64(2).pdf) which must be filled by candidates and also required to attach photocopies of all supporting documents, research papers (if any) etc.

Candidates will build a **Single PDF** file; it is to be sent to Principal Investigator (pattnaikm@nitrkl.ac.in) **on or before 12.12.2022, 2359 HRS**. The candidates are also required to produce relevant documents mentioned in the application form [such as original of all mark sheets and certificates, research papers (if any), experience certificate (if any) etc.] at the time of interview / joining. Selection / Joining will be canceled in case of any suppression of information / document provided earlier.

Mere possession of minimum qualification does not guarantee invitation to the interview. Candidates will be short listed based on merit and need of the project.

**Sd/-
Asst. Registrar (SR)**

Copy to:

- 1) All Heads of the Departments, NIT Rourkela for publication on departmental notice boards.
- 2) Prof. Monalisa Pattnaik, PI with a request to give wide publicity to this advertisement.
- 3) Head of the Department, Prof. K. B. Mohanty (EE).
- 4) Project file.