



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

**NITR/SR/2021/Advt-21EE028/L/034 dt. 03.11.2021**

Applications are invited on prescribed format (On-line) for the temporary post of "Junior Research Fellow (JRF) / 01" for the Project entitled "**Design and Development of a Low Power Hybrid PV-Wind Energy System**" 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	<b>SR/21/EE/028</b>
2.	Name of the Temporary Post	Junior Research Fellow - 01
3.	Name of the Research Project	<b>Design and Development of a Low Power Hybrid PV-Wind Energy System</b>
4.	Name of the Sponsoring Agency	DST
5.	Tenure of the Project	03 years( from 2021 to 2024)
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 35,960 (INR 31,000 + HRA 4960/-) [for GATE]
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
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](mailto:pattnaikm@nitrkl.ac.in)

Date and Time for **On-line / Walk-in** Interview: **Will be notified later.**

Place of Interview: **Department of Electrical Engineering, NIT Rourkela**

Eligible candidates may apply within 24.11.2021, 2359 HRS. The candidates are required to send the complete filled up application form (Soft copy) to [pattnaikm@nitrkl.ac.in](mailto:pattnaikm@nitrkl.ac.in). The application form is available in the following link: [http://nitrkl.ac.in/oldwebsite/ Jobs\\_Tenders/5ProjectFellowships/Doc/JRF%20LS-PND-64\(2\).pdf](http://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](mailto:pattnaikm@nitrkl.ac.in)) **on or before 24.11.2021, 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. Dipti Patra (EE).
- 4) Project file.