राष्ट्रीय प्रौद्योगिकी संस्थान सिलचर

National Institute of Technology Silchar

अध्यक्ष का कार्यालय (शोध एवं परामर्श)

OFFICE OF THE DEAN (RESEARCH & CONSULTANCY)

Advertisement No.: NITS/Dean(R&C)/EE/701/04/2026 **Date: 12.11.2026**

Applications are invited from Indian citizens for a temporary post *of* **Junior Research Fellow** for the ANRF, Govt. of India, sponsored project in the Department of ***Electrical Engineering***, NIT Silchar.

Title of the project	**Development of Fast Fault Detection and Location Estimation Scheme for Low-Voltage DC Microgrids**
Description of the project	The Project aims to develop a fast and reliable scheme for fault detection and location estimation in low-voltage DC microgrids using advanced signal processing techniques and intelligent algorithms, with simulation and experimental validation.
Sponsored Agency	Anusandhan National Research Foundation (ANRF)
Project Sanction Number	ANRF/ECRG/2024/006246/ENS
No. of Posts	**One (01)**
Duration	**Three (03)** years (extension based on performance review every 12 months)
Principal Investigator	Dr. Biswajit Sahoo, Assistant professor, Department of Electrical Engineering, National Institute of Technology Silchar, Assam-788010.

General Information and Terms & Conditions

1.	Age Limit	**35 years (as on the closing date of application)**
2.	Essential Qualification	) B.E./B.Tech. or equivalent degree in Electrical Engineering/Electrical and Electronics Engineering with a **valid GATE score**; **OR** (ii) M.E./M.Tech. or equivalent degree in Electrical Engineering/Electrical and Electronics Engineering (Preference will be given to GATE qualified candidates)
3.	Desirable Experience	Basic knowledge in Power System Protection, Prior knowledge of Microgrid Dynamics and Control, Renewables (i.e. Solar PV), Power Electronics Converters, AI/ML Algorithms is advantageous but not mandatory.
4.	Salary	**Rs. 37000/- per month**, Note: Candidate will be eligible for H.R.A as per the Project/Institute norms.
5.	Relaxation on Qualification and age	Relaxation as per Govt. of India Rules.
6.	Last date of receiving of filled up application form (soft-copy)	**27th November 2026**
7.	Process to Apply	Applicants are requested to send the soft copy of the duly filled application form (given below) along with C.V. & soft copy of all supporting documents to the PI through the email (**biswajitsahoo@ee.nits.ac.in**), with the subject line: "Application for the post of Junior Research Fellow under the project ANRF/ECRG/2024/006246/ENS" For any queries, Contact PI at: Phone - ***+91 7978752395***, *E-mail* - **biswajitsahoo@ee.nits.ac.in**
8.	Date of interview, time, and venue	**Interview date and mode (online/ offline) with other details will be duly notified through email.** **NB:** No TA/DA will be paid for appearing in the interview and/or joining to the post. All the terms & conditions for this recruitment will be as per the guidelines of the sponsoring agency and NIT Silchar
9.	No objection certificate	Employed candidates are to submit no objection certificate from his/her employer at the time of interview.
10.	Institute right	The Institute has the discretion to restrict the number of candidates to be short- listed for the interview on the basis of screening. No candidate may be recruited if suitable candidates are not found.
11.	Signing of the agreement	Selected candidates shall have to sign an agreement at the time of joining.

Sd/-
Associate Dean (R&C)
NIT Silchar

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Paste recent passport size colored Photograph

FORMAT of APPLICATION

For the post of ***Name of Post***

1. Advertisement no :..... Dated:-
2. Title of the Project :
3. Funding Agency :
4. Department :
5. Name of the applicant (in block letters):
6. Father's/Husband's Name:
7. Date of Birth (DD-MM-YYYY):
8. Gender:
9. Marital Status:
10. Age as on last date of application:
11. Postal Address:

12. Permanent Address:

13. E-mail:
14. Phone no.:
15. Nationality:
16. Whether belongs to SC/ST/OBC/EWS/PwD: (If yes, attach certificate):

17. Educational Qualification:(Starting from Class X)

Exam Passed	Board/University	Division	Percentage of marks/CPI	Year of passing	Subjects

18. NET/GATE Examinations Passed:

☐ NET ☐ GATE

Subject	Qualifying date	Valid up to	Subject	Score	Valid up to

19. Details of employments:

Sl. No.	Name of the Organization	Name of the Post	Period	Scale of pay and present pay	Nature of duty

20. Any other relevant information that you may like to furnish:

Declaration

I declare that the above information is true and correct to the best of my knowledge and belief.

Date:

Place: Signature of the applicant