

**DRAFT ADVERTISEMENT**

Applications are invited for the post of Research Associate-I at a Fixed Stipend/ Fellowship/ Salary amount of Rs. 58,000+16% HRA p.m. in a Anusandhan National Research Foundation Sponsored Project entitled (Title of the Project) "Operation and control of Multi Energy ship microGrid considering uncertainties (OMEGA)" sanctioned up to (Duration/Tenure) 2027 (2 years). The post is purely temporary and co-terminus with the project. The candidates should possess PhD in Electrical Engineering with Specialization in Power Systems/Power Electronics. The upper Age Limit is 35 Years (relaxable as Per GoI Rules); All things being equal, SC/ST candidates will be preferred as per GOI rules.

**Essential qualifications:** PhD in Electrical Engineering with Power System/Power Electronics Specialization

Desirable qualifications, if any

1. Knowledge on Python/MATLAB coding
2. Stochastic/resiliency oriented algorithm development for power networks
3. Power systems and power electronics simulations in software such as Matlab/Simulink, RSCAD, etc.
4. HIL simulation (with RTDS and Opal-RT)
5. Minimum two SCI/SCIE publications in last 4 years

Application in the attached format along with self-attested copies of all mark-sheets & certificates and details of any research or other experience etc., if any, should reach in sealed envelope within 21 days of the advertisement, 5th June 2025 (05/06/2025), to Dr. Subho Paul (P.I.), Department of Electrical Engineering, Indian Institute of Technology (BHU) Varanasi - 221005.

Also send scanned copy of all the documents to the following email address, [amritresearchlaboratoryiitbhu@gmail.com](mailto:amritresearchlaboratoryiitbhu@gmail.com)

No TA/DA will be paid if called for interview.

**Remarks:** PI should advertise the position on the Institute webpage.

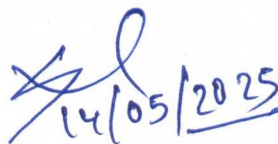
**Advertisement details**

Project no.	R&D/ANRF/EE/25-26/674
Project Title	Operation and control of Multi Energy ship microGrid considering uncertainties (OMEGA)
PI	Dr. Subho Paul
Post	Research Associate-I
Fellowship/salary	Rs. 58,000+16% HRA per month
Funding agency	Anusandhan National Research Foundation
Duration	Initially for one year. Extendible up to 1

*[Signature]*  
14/05/2025

	more year or up to the project completion date, whichever is earlier.
Essential minimum qualification	PhD in Electrical Engineering with Power System/Power Electronics Specialization
Desirable qualification, if any	1. Knowledge on Python/MATLAB coding 2. Stochastic/resiliency oriented algorithm development for power networks 3. Power systems and power electronics simulations in software such as Matlab/Simulink, RSCAD, etc. 4. HIL simulation (with RTDS and Opal-RT) 5. Minimum two SCI/SCIE publications in last 4 years
Maximum Age	35 years
Relaxation for SC/ST/Physically Handicapped/Female candidates	As per GoI rules

**This is to certify that the advertisement details given are as per the Funding agency norms.**

  
14/05/2025  
**Signature of the PI**

*The PI must ensure that advertisement is made as per rules. If the advertisement contravenes any of the guidelines prescribed by the funding agency and/or Institute, the proceedings of the Selection Committee shall be null and void.*



## APPLICATION FOR RA-1 POSITION

1. Full Name:
2. Date Of Birth:
3. Sex (M/F):
4. Category (GEN/SC/ST/OBC):
5. Marital Status:
6. Nationality:
7. Physically Handicapped: Y/N
8. Father's Name:
9. Mother's Name:
10. Address of Correspondence:
  - a. Phone No.:
  - b. Mobile No.:
  - c. E-mail Address:
11. Permanent Address:
12. Academic Record:
  - a. GATE/GPAT/CSIR-NET or equivalent details with Percent marks/Rank, year of qualifying etc.
  - b. Qualifying Degree (Undergraduate onwards):

Examination passed	School/ College/ University/Institute	Year of passing	Subjects	Percentage of marks/CGPA

- c. PhD Details

Title of the Thesis:

Supervisor's Name:

Defence Date:

13. Current designation:

14. Work Experience (Research/Academic /Professional) in Reverse Chronological Order

Sl. No.	Designation	Organization	Duration		Nature of Work
			From Date	To Date	



15. List of Awards/Fellowship/Prizes (Attach separate list as Annexure-1)

16. List of Publications in Last Four Years:

17. Complete List of SCI/SCIE Publications (Attach separate list as Annexure-2):

Sl. No	List of Authors	Title	Journal Details (Name, Volume, Issue, Page Number, Year)	Impact Factor

18. Complete List of International/ National Conference Publications (Attach separate list as Annexure-3):

Sl. No	List of Authors	Title	Conference Details

19. Other Publication Details (Attach separate list as Annexure-4):

20. Names and addresses of two referees along with phone number and e-mail addresses.

- a. \_\_\_\_\_  
b. \_\_\_\_\_

### Declaration

I hereby declare that I have carefully read and understood the instructions and particulars on this application and that all entries in this form as well as in the attached sheets are true to the best of my knowledge and belief.

Date:

Place:

Signature