



राष्ट्रीय प्रौद्योगिकी संस्थान सिक्किम
National Institute of Technology Sikkim
(AN INSTITUTE OF NATIONAL IMPORTANCE, GOVT. OF INDIA)
Ravangla Campus, Barfung, Ravangla, South Sikkim – 737139

Adv. No.: 288(I)/NITS/R&C/NaMPET-Phase-III/Manpower & Travel/20-21/78

Date: 04th February 2021

Applications are invited from the interested candidates for the temporary position of **Project Associate** (one post) and **Project Assistant** (one post) in the **National Mission on Power Electronics Technology Phase-III (NaMPET-III) Programme** entitle “**Design and Development of WBG Devis based High Current Converters for Industry Applications**” a sponsored project jointly taken by IIT Madras, IISc Bangalore, IEST Shibpur, NIT Trichy and **NIT Sikkim**. The part entitles “**High Frequency Power Electronics Converters for Induction Heating**” to be carried out by the Department of Electrical and Electronics Engineering (EEE), National Institute of Technology Sikkim.

About NaMPET Programme

NaMPET is a national mission programme launched by Ministry of Electronics and Information Technology (MeitY), Government of India. Centre for Development of Advanced computing (CDAC), Thiruvananthapuram a national R&D Institute under MeitY is the nodal centre for the program.

Details of Qualifications, Emoluments, and Duration are given below:

| S. No. | Particulars | Details |
|--------|--------------------------|---|
| 1 | Name of the Position | 1. Project Associate 2. Project Assistant |
| 2 | Essential Qualifications | 1. Project Associate: (i) B.Tech in Electrical Engineering/Electrical & Electronics Engineering or equivalent degree with minimum 60% marks (or a minimum CGPA of 6.5 on a 10-point scale) (ii) M.Tech. in Electrical Engineering or equivalent degree with specialization in Power Electronics/ Power Electronics & Electric Drives or equivalent with minimum 60% marks (or minimum CGPA of 6.5 on a 10-point scale) 2. Project Assistant: B.Tech in Electrical Engineering/Electrical & Electronics Engineering or equivalent degree with minimum 60% marks (or minimum CGPA of 6.5 on a 10-point scale) |
| 3 | Project Title | Design and Development of WBG Devis based High Current Converters for Industry Applications High Frequency Power Electronics Converters for Induction Heating (To be carried out by NIT Sikkim) |
| 4 | Sponsoring Agency | NaMPET Ph-III, Ministry of Electronics and Information Technology (MeitY), Government of India |

| | | |
|----|--------------------------------------|---|
| 5 | Duration of Project | 3 years or till the completion of the project, whichever is earlier |
| 6 | No. of positions | 1. One Project Associate 2. One Project Assistant |
| 7 | Consolidated monthly Salary | 1. Rs. 32,000/-per month for Project Associate 2. Rs. 25,000/-per month for Project Assistant |
| 8 | Investigator | Principal Investigator (PI) Dr. Molay Roy Assistant Professor, Department of EEE, National Institute of Technology Sikkim, Ravangla – 737139, Sikkim, India. Email: molay.roy@nitsikkim.ac.in Mob: +91-7479013219 |
| | | Co-Principal Investigator (Co-PI) Dr. Aurobinda Panda Assistant Professor, Department of EEE, National Institute of Technology Sikkim, Ravangla – 737139, Sikkim, India. Email: aurobind.panda@nitsikkim.ac.in Mob: +91-7479013208 |
| 9 | Department | Electrical and Electronics Engineering, National Institute of Technology Sikkim |
| 10 | Tenure of Assignment | The initial appointment will be for one year, which is extendable up to the duration of the project, solely based on satisfactory performance. If performance of candidate is found unsatisfactory, the position can be terminated with 1-month notice. Also, the appointment can be terminated at any time by one month's notice given by either side. |
| 11 | Desired Experience | Sound knowledge in Hardware development, fabrication and testing; ANSYS Electromagnetic; Familiarity in MATLAB; Good Scientific writing skills. |
| 12 | Last date for receipt of application | 19th February 2021 |

General Instructions to the applicants:

1. Selected candidates shall not have a claim on any regular position. They shall not be bestowed any of the privileges like Housing, Medical Facility, and other benefits available to regular employees of the Institute.
2. Applicants are advised to ensure, before appearing for Selection Process, that they possess the minimum essential qualification and experience laid down for the post. Qualification obtained has to be from a recognized University/Institute. Eligibility in terms of age, qualification, and experience of a candidate shall be considered as on the last date for receipt of application.
3. The relaxation on percentage/CGPA for the reserved candidates shall be given as per

Government of India norm.

4. Candidates meeting minimum eligibility criteria shall not necessarily be called for interview. Criteria's can be set higher than the minimum requirement.
5. After joining the service, the person will have to abide by the Rules, Regulations, Ordinances, Statutes, and Acts of the Institute applicable from time-to-time. He/She may be assigned any duty within or outside the Institute, depending upon the exigency of the work.
6. The Institute shall verify the documents submitted by a person at the time of appointment or during the tenure of the service. In case it is detected that the documents submitted by the candidate are forged, then appropriate action will be taken by the Institute.
7. Canvassing in any form will lead to disqualification for the post.
8. In case of any dispute/ambiguity that may occur in the process of selection, the decision of the Institute shall be the final.

Eligible candidates may send their detailed CV (specifying the qualifications and experience) and soft copy of the duly filled-in application form on or before 19th February 2021, to *Dr. Molay Roy, Assistant Professor, Department of EEE, National Institute of Technology Sikkim through email at molay.roy@nitsikkim.ac.in mentioning the subject as "Application for Project Associate/Assistant under NaMPET-III project".*

For more information contact at : +91-7479013219, 7479013208.

- ***No hard copies of the application will be accepted.***
- ***Only shortlisted candidates will be intimated by email for the selection process.***
- ***The date of interview will be communicated to the shortlisted candidate through email/phone.***
- ***No TA/DA will be paid for attending the interview.***



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Application for the Position of Project Associate/Assistant

Project Title: **Design and Development of WBG Devis based High Current Converters for Industry Applications**

Sub-Project Title: **High Frequency Power Electronics Converters for Induction Heating**

Last Date of Application: 19th February 2021

1. Name of the Candidate (In BLOCK LETTERS):

2. Date of Birth (DOB): _____

3. Sex (M/F): _____

4. Marital Status (Single/Married): _____

5. Category (General/OBC/SC/ST): _____

6. Physical disability (Yes/No): _____

7. Nationality: _____

8. Name of the Post applied for: _____

9. Phone No.: _____

10. Mobile No.: _____

11. Email Address: _____

12. Address:

Correspondence: _____

Permanent: _____

Passport size
Recent
Photograph

13. Academic/Professional Qualifications (Attach the copy of proof, mark sheet/grade card, etc):

| Educational Qualifications | Institute/ University/ Board | Discipline/ Field | Year of Passing | Class/ Division | % of Marks/ CGPA |
|-----------------------------------|-------------------------------------|--------------------------|------------------------|------------------------|-------------------------|
| M.Tech. | | | | | |
| B. Tech. | | | | | |
| 12 th Standard | | | | | |
| SSC/ 10th | | | | | |
| Any other | | | | | |

14. GATE Qualification (Yes/No) (If Yes, attach a copy of the proof):

Appeared Year:

GATE Rank:

GATE Score:

15. Details of work Experience if any: (Enclose the copy of experience certificate and/or NOC)

16. Previous Research work and Publications if any (enclose the first page of publication):

DECLARATION

I _____ hereby declare that the information furnished above is true to the best of my knowledge and belief. If at any time I am found to have concealed any information or given any incorrect data, my appointment, if made, may be terminated without notice or compensation. Additional legal action may also be taken.

Date:

Signature of the Applicant

Place: