



राष्ट्रीय प्रौद्योगिकी की संस्थान सिलचर
National Institute of Technology Silchar

(राष्ट्रीयमहत्वकासंस्थान)

(An Institute of National Importance)

www.nits.ac.in, Phone: 03842-242914, Fax: 03842-224797, Assam-788010 (INDIA)

Advertisement No.: NITS/Dean(R&C)/EIE/668/01/2024

Date: 02.04.2024

Applications are invited from Indian citizens for a temporary post of **Project Associate-I** for the SERB-CRG, sponsored project in the Department of Electronics & Instrumentation Engineering, NIT Silchar.

Title of the project	Structural characterization and device performance of superlattice structure-based phase change memory for low power consumption and high-speed non-volatile data storage applications
Description of the project	The project intends to design and develop chalcogenide superlattice structure-based phase change memory devices. This will help for low power consumption and high-speed data storage in next-generation non-volatile memory technology.
Sponsored Agency	SERB-CRG, Govt. of India
Project File Number	CRG/2023/007346; Dated: 25 January 2024
No. of posts	01 (one)
Duration	Three(3) years or till Completion of the Project, whichever is earlier (extension of selected candidates would be based on performance review every 12 months)
Principal Investigator	Dr. Shivendra Kumar Pandey

General Information and Terms & Conditions

1. Age Limit	35 years (as on closing date of application, 16.04.2024)
2. Essential Qualification	B.E/B.Tech. or M.E./M.Tech.in ECE/EE/EIE/relevant area with GATE qualification. (Non-GATE candidates are also encouraged to apply. The fellowship will vary for non-GATE candidates as per SERB guidelines).
3. Desirable Experience	Knowledge in the field of Semiconductor Devices, Nano/microelectronics, Thin Film Deposition, Device Fabrication, Electrical Characterization and TCAD simulation
4. Salary	Rs. 31,000/- per month
5. Relaxation on qualification and age	SC/ST/OBC/WOMEN/PWD/EWS candidates will get relaxation as per Govt. of India Rules.
6. Last date of receiving of filled application form (soft-copy)	16.04.2024
7. Reporting	Applicants are requested to send the soft copy of the duly filled application form (given below) along with C.V. and soft copy of all supporting documents to Dr. Shivendra Kumar Pandey, Principle Investigator through email (skpandey@ei.nits.ac.in), with the subject line: "Application for the post of Project Associate-I under the project CRG/2023/007346", on or before 16.04.2024 .
8. Date of interview, time, and venue	Interview date and mode (online/ offline) with other details will be duly notified through email.
9. No objection certificate	Employed candidates are to submit a no-objection certificate from his/her employer at the time of the interview.
10. Institute right	The Institute has the discretion to restrict the number of candidates to be shortlisted for the interview based on 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.
12. Other	Selected candidate may get an opportunity for PhD admission provided institute's criteria are satisfied.

Sd/-

Associate Dean (R&C)
NIT Silchar.

National Institute of Technology Silchar

FORMAT of APPLICATION

For Project Associate-I

Paste recent
passport size
colored
photograph

1. Advertisement no. dated:
2. Title of the Project-
.....
3. Department:
4. Name of the applicant (in block letters):
5. Father's/Husband's Name:
6. Date of Birth (16-04-2024):
7. Age as on
8. Postal Address:

- E-mail: Phone no.:
9. Permanent Address:

10. Nationality:
11. Marital Status:
12. Whether belongs to SC/ST/PwD/OBC/EWS: (If yes, attach certificate):
13. Educational Qualification: (Starting from Class X)

Exam. passed	Board/ University	Division	% age of marks / CPI	Year of passing	Subjects

14. NET/GATE Examinations Passed:

I. NET			II. GATE		
Subject	Qualifying date	Valid upto	Subject	Score	Valid upto

15. Details of employments:

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

16. Details of R&D experience in Academic/Industry/Science and Technology Organizations/Scientific activities and services :

Sl. No.	Name of the Organization	Name of the post	Period	Nature of duty

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

Declaration

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

Date:

Place

Signature of the applicant