



राष्ट्रीय प्रौद्योगिकी संस्थान अगरतला
National Institute of Technology, Agartala
Agartala, Tripura 799046, India

Advt. No. : F.NITA.20 (670-ECE)/2025-26/IRG-ANRF Project/MBS/JRF

Date: 14.08.2026

Recruitment of JRF (Junior Research Fellow) or Project Associate-1 for the research project funded by Anusandhan National Research Foundation, Department of Science & Technology, Government of India, vide approval file no ANRF/IRG/2025001439/PS

Applications are invited for the post of **JRF (Junior Research Fellow) or Project Associate-1** under the sponsored research project. The details of the project and the post for recruitment are given below:

Title of the Project	Functional Nanohybrids for Breath Acetone Detection: A Non-Invasive Tool for Diabetes Diagnosis
Funding Agency	Anusandhan National Research Foundation, Department of Science & Technology, Government of India
Project duration	3 rd June, 2026 to 2 nd June, 2029
Principal Investigator	Dr. Mitra Barun Sarkar Assistant Professor Electronics and Communication Engineering Department NIT Agartala
Monthly Emolument for JRF	37000 (with 10% HRA) for GATE/NET/National Level Examinations qualified persons for JRF
Monthly Emolument for Project Associate-1	30000 (with 10% HRA) for non-GATE/non-NET persons for Project Associate-1
Essential Qualifications for JRF	Post Graduate Degree in Basic Science OR Graduate / Post Graduate in Professional Course Selected through a process described through any one of the following a. Scholars who are selected through National Eligibility Tests – CSIR UGC NET including lectureship (Assistant Professorship) and GATE. b. The selection process through National level examinations conducted by Central Government Departments and their Agencies and Institutions such as DST DBT, DAE, DOS, DRDO, MHRD, ICAR, ICMR, IIT, IISc. IISER etc. As per DST office memorandum no. DST/PCPM/Z-06/2022 Candidates with relevant qualifications and experience in nanotechnology, expertise in the fabrication of nanomaterials and devices, will be given due preference
Essential Qualifications for Project Associate-1	Four Years Bachelor's Degree in relevant domain and experience/Master's Degree in relevant domain and experience or Bachelor's degree in Engineering or Technology in relevant domain and experience or from a recognized University or equivalent As per ANRF Office Memorandum No. ANRF/OM/N-01/2024 dated 14.10.2024 Candidates with relevant qualifications and experience in nanotechnology, expertise in the fabrication of nanomaterials and devices, will be given due preference
Description of responsibilities	Conduct experimental research, Analyze data. Ensure lab safety, maintain equipment, and assist in grant writing and project management.
Date and Place of Interview(online/offline)	26 th August 2026, hybrid mode(online/offline), EC004, Micro and Nanoelectronics Laboratory, NIT Agartala

Post Office: NIT Agartala, Barjala, Jirania, TRIPURA (W)-799046,
Phone (0381) 254 6630, Fax (0381) 254 6360,
URL: <http://www.nita.ac.in>



राष्ट्रीय प्रौद्योगिकी संस्थान अगरतला

National Institute of Technology, Agartala

Agartala, Tripura 799046, India

Terms and Conditions:

The position is purely on temporary basis and will be governed by the Administrative rules, conditions imposed by Research & Consultancy Cell, NIT Agartala.

1. Candidates before appearing for the interview shall ensure that they are eligible for the position they intend to apply.
2. The interview will be conducted in a hybrid mode, offering both online and offline participation options.
3. Interested candidate should send their filled application including photograph and signed scan copy of educational qualifications, research publications and a statement of interest on or before **August 24, 2026**. The application should be sent to Dr. Mitra Barun Sarkar, Assistant Professor, Department of Electronics and Communication Engineering, National Institute of Technology (NIT), Agartala, Tripura, India or through e-mail at nanolab.ece.nita@gmail.com / mbs.ece@faculty.nita.ac.in
4. The project duration is from 3 years (3rd June, 2026 to 2nd June, 2029) for the position and is co-terminus with the project.
5. No TA/DA is permissible for appearing in the interview and joining in case of selection. Institute reserves the right to cancel the process at any point of time without assigning any reason.
6. Candidate shall bring along with them the original documents and experience certificate(s) at the time of joining for verification.
7. Appointment will be temporary in nature and as per the Institute terms and conditions.
8. Only shortlisted candidates will be informed through email provided in the application form for interview, upon selection engagement letter will be sent through the email.
9. The applicant will be responsible for the authenticity of information, documents and photographs submitted.
10. The Institute reserves the right to cancel the recruitment without assigning any reason.
11. The candidate selected for the above position will have the option to register for PhD program at Department of Electronics and Communication Engineering, National Institute of Technology (NIT) Agartala. However, for admission to PhD program, the candidate must meet certain eligibility requirements as per the Ph.D. rules 2018 of NIT Agartala.
12. The temporary engagement can be terminated without assigning any reason.

Dean(R&C)
NIT Agartala



राष्ट्रीय प्रौद्योगिकी संस्थान अगरतला

National Institute of Technology, Agartala
Jirania, Tripura, India, Pin –799046

APPLICATION FORM

Application for the post of

Advt. No.:

Dated:.....

Recent passport
size color
photography
affixed

1 Name of the Applicant :

2 Father's/Husband's Name :

3 Nationality :

4 Date of Birth :

5 Category (SC/ST/OBC/GEN/EWS) :

6 Gender (Male/Female) :

7 Marital Status :

8 NET Qualified (Yes/No) :

9 GATE Qualified (Yes/No) :

10 Mode of Interview (Online/Offline) :

11 Title of the project/Thesis undertaken in
M.Tech /M.Sc./Ph.D. :

12 Research Experience (If any) (Attached
Certificate) :

13 Aadhar No. (attach copy of Aadhar
Card) :

14. Present Address

.....

.....Pin Code:

E-mail ID:Phone/Mobile No.:

National Institute of Technology Agartala
Barjala, Jirania, West Tripura, Pin:- 799046
Tel. No. +91381 2346630/6629, Fax. No. +91381 2346360, [Url:- www.nita.ac.in](http://www.nita.ac.in)

15. Educational Qualification (Higher School onwards) (Attached Certificate) :

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

16. List of SCI Journal:

17. List of Scopus Journal:

18. List of Conference Paper:

19. Book/Book Chapter/Patent:

UNDERTAKING

I hereby declare that all the information furnished above is true, correct and complete to the best of my knowledge and belief.

Signature of the Candidate

Date:

Place: