



राष्ट्रीय प्रौद्योगिकी संस्थान अगर्तला  
National Institute of Technology Agartala  
AGARTALA - 799 046 (TRIPURA)

239

F.NITA/38/(157-ChE)/2021/CSIR/Manpower

Dated: 27/03/2025

Applications are invited from interested and motivated candidates for the post of Junior Research Fellow (JRF) in a time bound research project for a temporary period, purely on contractual basis in the Department of Chemical Engineering, NIT Agartala.as per following details.

<b>Position:</b>	Junior Research Fellow (JRF)
<b>Number of Vacancy:</b>	01 (One)
<b>Project Title:</b>	Development of an integrated process for co-production of biobutanol from sugarcane trash and lignin nanoparticles (LNPs) as green carrier for bactericidal agent
<b>Funding Agency:</b>	Council of scientific and industrial Research (CSIR), Government of India
<b>Principal Investigator:</b>	Dr. Kalyan Gayen Email: kgayen123@gmail.com; Phone: 8974727421
<b>Department:</b>	Department of Chemical Engineering, NIT Agartala, PO - NIT Agartala, West Tripura, Tripura
<b>Project Tenure:</b>	03 (three years)
<b>Job Description:</b>	JRF is expected to execute the project by planning, experimentation, data analysis, report and manuscript writing within specified time.
<b>Essential Qualification:</b>	B.S. 4 years programme/ B. Pharm /M.B.B.S/ Integrated B.S.-M.S./M.Sc/B.E./B. Tech or equivalent degree with 55% marks and passing of NET-LS/GATE test (as per CSIR-HRDG guidelines) <b>Desirable:</b> B. Tech / M. Tech in Chemical Engineering /Biotechnology / allied discipline or M.Sc in Chemistry/Biochemistry / Biotechnology / Microbiology / Science background is encourage to apply.
<b>Age limit:</b>	28 years
<b>Age relaxation:</b>	The upper limit is relaxable up to 5 years in case of candidates belonging to SC/Tribes/OBC, Women and physically handicapped candidates
<b>Fellowship:</b>	Rs. 37,000/ per month
<b>Date of Interview:</b>	11.04. 2025; Time: 10:00 AM Venue: Department of Chemical Engineering
<b>Mode of Interview:</b>	Hybrid (Offline/Online)

National Institute of Technology Agartala  
West Tripura, Tripura - 799046  
Web: www.nita.nic.in.





**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. 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 date and time of interview. The application should be sent to Dr. Kalyan Gayen, Associate Professor, Department of Chemical Engineering, National Institute of Technology (NIT), Agartala, Tripura, India or through e-mail at kgayen123@gmail.com
3. The project duration is from 3 years for the position and is co-terminus with the project.
4. 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.
5. Candidate shall bring along with them the original documents and experience certificate(s) at the time of joining for verification.
6. Appointment will be temporary in nature and as per the Institute terms and conditions.
7. 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.
8. The applicant will be responsible for the authenticity of information, documents and photographs submitted.
9. The Institute reserves the right to cancel the recruitment without assigning any reason.
10. The candidate selected for the above position will have the option to register for PhD program at Department of Chemical 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.
11. The temporary engagement can be terminated without assigning any reason.

Sd/

Dean(R&C)  
NIT Agartala

*Gayen*



# राष्ट्रीय प्रौद्योगिकी संस्थान अगरतला

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

## APPLICATION FORM

Recent passport  
size color  
photography  
affixed

Application for the post of .....

Advt. No.: .....

Dated:.....

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 Title of the project undertaken in  
M.Tech /M.Sc./B.Tech :

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

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

13. 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)

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

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

15. List of SCI Journal:

16. List of Scopus Journal:

17. List of Conference Paper:

18. 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: .....