



राष्ट्रीय प्रौद्योगिकी की संस्थान सिलचर  
National Institute of Technology Silchar

(राष्ट्रीय महत्व का संस्थान)

(An Institute of National Importance)

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

Advertisement No. : NITS/Dean(R&C)/ Chemistry /717/01/2026

Date: 30.06.2026

Applications are invited from Indian citizens for a temporary post of **Junior Research Fellow** for the **ANRF**-sponsored project in the Department of **Chemistry**, NIT Silchar.

|                               |                                                                                                                                       |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Title of the project          | Rational Computational Engineering of Chiral Frustrated Lewis Pairs for High-Efficiency Asymmetric Imine Hydrogenation                |
| Sponsored Agency              | Anusandhan National Research Foundation(ANRF)                                                                                         |
| Project sanction number       | ANRF/ECRG/2025/002592/CS                                                                                                              |
| No. of posts                  | <b>One (01)</b>                                                                                                                       |
| Duration                      | <b>Three (03)</b> years (extension based on performance review every 12 months)                                                       |
| Principal Investigator (P.I.) | <b>Dr. Shanti Gopal Patra</b> , Assistant Professor, Department of Chemistry, National Institute of Technology Silchar, Assam-788010. |

General Information and Terms & Conditions

|     |                                                                      |                                                                                                                                                                                                                                                                                                                                                                |
|-----|----------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.  | Age Limit                                                            | <b>28 years</b>                                                                                                                                                                                                                                                                                                                                                |
| 2.  | Essential Qualification                                              | (i) MSc. in Chemistry or BS-MS in Chemistry<br>(ii) NET/GATE qualification                                                                                                                                                                                                                                                                                     |
| 3.  | Desirable Experience                                                 | (i) Basic knowledge in physical/theoretical chemistry.<br>(ii) Prior knowledge of DFT calculations is advantageous but not mandatory.                                                                                                                                                                                                                          |
| 4.  | Salary                                                               | <b>Rs.37, 000/-p.m. for first two years (JRF); 42000/-p.m. for third year (SRF). HRA @10% if Institute Accommodation is not provided.</b>                                                                                                                                                                                                                      |
| 5.  | Relaxation on qualification and age                                  | SC/ST/OBC/WOMEN/PWD candidates will get relaxation as per the Govt. of India Rules.                                                                                                                                                                                                                                                                            |
| 6.  | Last date of receiving/ submission of the filled-up application form | <b>05.08.2026</b>                                                                                                                                                                                                                                                                                                                                              |
| 7.  | Reporting                                                            | Applicants are requested to submit their filled-up applications along with C.V. to the P.I. accompanying photocopies of all documents. Applicants are also requested to send the soft copy of the duly filled application along with C.V. & all necessary documents to the P.I through email: <a href="mailto:shanti@che.nits.ac.in">shanti@che.nits.ac.in</a> |
| 8.  | Date of interview, time, and venue                                   | Date, time and venue will be notified to shortlisted candidates.                                                                                                                                                                                                                                                                                               |
| 9.  | No objection certificate                                             | Employed candidates are to submit no objection certificate from his/her employer at the time of interview.                                                                                                                                                                                                                                                     |
| 10. | Institute right                                                      | The Institute has the discretion to restrict the number of candidates to be called for the interview on the basis of 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.                                                                                                                                                                                                                                                                                    |

Sd/-

Associate Dean (R&C)  
NIT Silchar.

National Institute of Technology Silchar  
FORMAT of APPLICATION  
For **Junior Research Fellow (JRF)**

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 (DD-MM-YYYY):
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/PH/OBC: (If yes, attach certificate):
13. Educational Qualification: (Starting from Class X)

| Exam.<br>passed | Board/ University | Divi<br>sion | % age<br>of<br>marks/<br>CPI | Year of<br>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. 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