



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)/ECE/677/01/2024

Date: 09-08-2024

Applications are invited from Indian citizens for a temporary post of **Junior Research Fellow (JRF)** in the Department of Electronics & Communication Engineering, NIT Silchar, Assam, for the following project.

Title of the project	Design and Modeling of Lab-On-Chip based Bio-reactors Capable of Mimicking Human Glomerulus Ultrafiltration and Reabsorption Function of Proximal Tubule of Kidney for in vivo implantation.
Sponsored Agency	Department of Biotechnology (DBT), Government of India
Project sanction number	BT/PR49483/MED/32/922/2023Dated30 May 2024
No. of posts	01(one), Junior Research Fellow (JRF)
Duration	1 year and extendable till the completion of the project (30/11/2025)
Principal Investigator (P.I & Co-PI)	Dr. Koushik Guha & Prof. K. L. Baishnab , Dept. of Electronics & Comm. Eng.

General Information and Terms & Conditions

1. Essential Qualification and experiences	<ul style="list-style-type: none">• For JRF M.E/M. Tech in ECE/EIE/Biomedical Engineering/Mechanical Engineering (Specialization in microfluidics & MEMS) or any allied branch& specialization with minimum 8.0 CGPA and good academic record from a recognized University/Institute. Qualification of GATE/ NET/National level examination by central government department/agencies/institute is mandatory.
2. Desirable Experience for the post	The candidate should have experience in working with microfluidics and MEMS simulation tool, Knowledge of bio-logical background related to the project work.
3. Salary	<ul style="list-style-type: none">• Rs.37000/- per month. HRA along with other allowances/increment will be provided as per project/ institute Norms.
4. Last date of receiving/ Submission of filled up application form	29 August, 2024
5. Reporting	Applicants are requested to submit the signed scanned copy of their filled-in application form along with CV and the all supporting documents to the P.I. through email at koushik@ece.nits.ac.in with subject line“ Application for the post of JRF under DBT project BT/PR49483/ MED/32/922/2023 “.Call letter for short listed candidates will be sent through email.
6. Date of interview, time, And venue	Interview date and mode (online/offline) will be notified in due course of time through email.
7. No objection certificate	Employed candidates are to submit no objection certificate from his/her Employer at the time of interview.
8. 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 suitable candidates are not found.
9. 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 **29.08.2024**
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. 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. 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