



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)/ME/699/01./2025

Date: 06.08.2025

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

Title of the project	Unveiling the Role of Glycocalyx in Red Blood Cell Movement under Electric Field: Vision for an Affordable and Sustainable Technique (VAST) for Early Pre-eclampsia Detection
Sponsored Agency	Anusandhan National Research Foundation (ANRF)
Project sanction number	ANRF/ECRG/2024/001874/ENS
No. of posts	One (01)
Duration	Three (03) years (extension based on performance review every 12 months)
Principal Investigator (P.I)	Dr. Somnath Santra , Assistant professor, Department of Mechanical Engineering, National Institute of Technology Silchar, Assam-788010.

General Information and Terms & Conditions

1. Age Limit	35 years (as on the closing date of application, 28.08.2025))
2. Essential Qualification	(i) B.E./ B. Tech or equivalent degree in Mechanical Engineering/ Chemical Engineering (ii) GATE qualification. (iii) M.E./ M. Tech or equivalent degree in Mechanical Engineering/ Chemical Engineering
3. Desirable Experience	(i) Basic knowledge in Fluid Mechanics. (ii) Prior knowledge of Experimental Micro fluidics, Blood flow Dynamics, Computational fluid dynamics is advantageous but not mandatory.
4. Salary	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.
5. Relaxation on qualification and age	Relaxation as per Govt of India Rules.
6. Last date of receiving/ submission of filled up application form	28th August 2025
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: somnath@mech.nits.ac.in
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**

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 **28.08.2025**:
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 up to		Subject	Score	Valid up to

15. Details of employments:

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

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