



राष्ट्रीय प्रौद्योगिकी संस्थान सिलचर  
National Institute of Technology Silchar  
(राष्ट्रीय महत्त्वका संस्थान)

(An Institute of National Importance)

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

Advertisement No.: NITS/Dean(RC)/ECE/586/01/2022

Date: 11.04.2022

Applications are invited from Indian citizens for a temporary post of **Junior Research Fellow (JRF)** for **DST-SERB (EEQ)** sponsored project in the Department of Electronics and Communication Engineering, NIT Silchar, Assam.

Title of the project	Design and Development of Reconfigurable Plasmonic Biosensor using Phase Change Material for Label-free Detection of Lung and Liver Diseases
Funding Agency	Science & Engineering Research Board, Department of Science & Technology, Government of India
Project sanction number	EEQ/2021/000575
No. of posts	01 (One)
Duration	3 years or completion of project, whichever earlier (extension based on performance review every 12 months)
Principal Investigator (PI)	<b>Dr. Puspa Devi Pukhrambam</b>

**General Information and Terms & Conditions**

1. Age Limit	<b>30 Years (as on closing date of application)</b>
2. Essential Qualification	ME/M.Tech. or equivalent degree in Electronics and Communication Engineering (ECE) and related branches of ECE from recognized University. In addition GATE qualification is mandatory.
3. Desirable Qualification	<b>1.</b> Master Degree in VLSI design/ Microelectronics/ Optoelectronics/Nano-electronics/ Device Physics. <b>2.</b> Proficiency in MATLAB is preferred. <b>3.</b> Knowledge in device simulation software is preferred. <b>4.</b> Throughout First Class in academic career.
4. Salary/Emoluments	Rs. 31,000/- per month Note: Candidate will be eligible for H.R.A as per the Project/Institute norms ( <i>if accommodation is not provided by the Institute</i> )
5. Relaxation on qualification and age	SC/ST/OBC/EWS/WOMEN/PWD candidates will get relaxation as per Government of India Rules and Regulations.
6. Last date of receiving/ submission of filled up application form	<b>11.05.2022</b>
7. Reporting	Applicants are requested to submit the signed scanned copy of their filled-up application form along with C.V and all other relevant documents to the P.I. through email at <a href="mailto:puspa.devi@ece.nits.ac.in">puspa.devi@ece.nits.ac.in</a> with subject line " <b>Application for the post of JRF under SERB- DST project EEQ/2021/000575</b> ". Call letter for shortlisted candidates will be sent through email.
8. Date of interview, time, and venue	In view of the pandemic scenario and Govt. regulations interview may be conducted through online mode, which will be notified in due course of time 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. Advertismentno. .... dated:
2. Title of the Project- .....  
.....
3. Department:
4. Name of the applicant (in blockletters):
5. Father's/Husband'sName:
6. Date of Birth(DD-MM-YYYY):
7. Age as on 11-05-2022:
8. PostalAddress:

E-mail:

Phoneno.:

9. PermanentAddress:
10. Nationality:
11. MaritalStatus:
12. Whether belongs to SC/ST/OBC/EWS/PwD: (If yes, attachcertificate):
13. Educational Qualification: (Starting from ClassX)

<b>Exam. passed</b>	<b>Board/ University</b>	<b>Divi sion</b>	<b>% age of marks / CPI</b>	<b>Year of passing</b>	<b>Subjects</b>

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