



Advertisement No.: NITS/Dean(R&C)/ECE/695/01/2026

Date: 18.03.2026

Applications are invited from interested, motivated and eligible Indian citizens for a temporary post of **Junior Research Fellow (JRF)** for a **WB-DSTBT** funded sponsored project sanctioned to Nephrocare India Pvt. Ltd. This project is in joint collaboration with National Institute of Technology Silchar, Assam.

Title of the project	Design and development of low-cost hemodialysis machine with remote monitoring facility
Description of the project	The project intends to develop an AI-based indigenous dialysis machine
Sponsored Agency	Science & technology and Biotechnology Department, Govt. of West Bengal
Project sanction number	565(Sanc.)/STBT-11012(19)/5/2024-ST SEC
No. of post(s)	01 (One)
Duration	Position is purely temporary. Initial appointment is for One year, which may be extendable up another one year solely based on the performance
Name of Principal Investigator from Nephrocare Pvt. Ltd.	Dr. Pratim Sengupta
Name of Co-Principal Investigators from NIT Silchar	Dr. Koushik Guha, Dr. Sukumar Pati, Dr. Partha Pakray

General Information and Terms & Conditions

1.	Age Limit	28 years (as on closing date of application, 16.02.2025). However, relaxation in the age limit will be permitted based on experience and qualification
2.	Essential Qualification	M.E/M. Tech/ or, B.E./B tech (with GATE/ NET qualifying score) or, equivalent qualification holder with first class in aggregate, in electrical science streams like Electrical Engg./Electronics Engg./Electronics & communication engg./ Computer science and engg./ Electronics & Instrumentation Engineering/ Telecommunication engg./ Mechatronics Engg./ Robotics Engg./Mechanical Engg.
4.	Fellowship	INR. 25,000 per month consolidated amount for two years and INR. 30,000 per month (SRF) in the 3 rd year
5.	Relaxation on qualification and age	SC/ST/OBC/WOMEN/PWD/EWS candidates will get relaxation as per Govt. of India Rules
6.	Last date of receiving of filled up application form (soft-copy)	04.04.2026
7.	Process to Apply	Applicants are requested to send the soft copy of the duly filled application form (given below) along with C.V.; soft copy of all supporting documents to the Investigator through the email (koushik@ece.nits.ac.in), (pratim.sengupta@nephrocareindia.com) with the subject line: " Application for the post of JRF under the WBDSTBT ", on or before 04.04.2026 .
8.	Date of interview, time, and venue	Interview date and mode (online/offline) will be notified in due course of time through email
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 short-listed 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

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 04.04.2026
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 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

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