



राष्ट्रीय प्रौद्योगिकी 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)/ME/666/02/2024

Date: 12-06-2024

Applications are invited from Indian citizens for a temporary post of **Junior Research Fellow (JRF)** for the NMHS-PMU, MoEF&CC sponsored project in the Department of Mechanical Engineering, NIT Silchar.

Title of the project	Community based Microencapsulated Phase Change Materials (MPCM) Assisted Hybrid Solar Agro-Processing Centers
Sponsored Agency	NMHS-PMU, Ministry of Environment, Forest & Climate Change (MoEF&CC)
Project sanction number	NMHS2023-24/SC-XI/SG93/08
No. of posts	01 (one)
Duration	03years or completion of the project, whichever is earlier (extension based on performance review every 12 months)
Principal Investigator (P.I)	<b>Dr. Sudipta Halder</b> , Associate Professor, Department of Mechanical Engineering, National Institute of Technology Silchar, Silchar-788010, India. Email: <a href="mailto:shalder@mech.nits.ac.in">shalder@mech.nits.ac.in</a> / <a href="mailto:sudiptomec@gmail.com">sudiptomec@gmail.com</a>

General Information and Terms & Conditions

1. Age Limit	28 Years. SC/ST/OBC/Women/PwD candidates will get the age relaxation as per DST, Govt. of India norms.
2. Essential Qualification	B.Tech/B.E in Mechanical Engineering/ Design and Manufacturing/Materials Science and Engineering/ Metallurgical & Materials Engineering/Aerospace Engineering/Chemical and Polymer Engineering/Plastic Engineering/Polymer Technology and should have GATE/CSIR-UGC NET/ qualified through national level examination or M. Tech./M.E in Mechanical Engineering/ Design and Manufacturing/Materials Science and Engineering/ Metallurgical & Materials Engineering/Thermal engineering/Aerospace Engineering/Chemical and Polymer Engineering/Plastic Engineering/Polymer Technology
3. Desirable Experience	Candidates having M. Tech degree and having hands on experience in solar, phase change materials, manufacturing of composite materials, polymer technology, mechanical characterization of materials and fracture mechanics.
4. Salary	Rs. 37,000/- per month
5. Relaxation on qualification and age	Relaxation as per Govt. of India Rules.
6. Last date of receiving/submission of filled up application form	<b>26-06-2024</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:shalder@mech.nits.ac.in">shalder@mech.nits.ac.in</a> with the subject line“ Application for the post of JRF under NMHS-PMU project NMHS2023-24/SC-XI/SG93/08.Call letters for shortlisted candidates will be sent through email.
8. Date of interview, time, and venue	The 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 a no objection certificate from his/her employer at the time of the 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. 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