



राष्ट्रीय प्रौद्योगिकी की 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)/CE/700/01/2025

Date: 20.08.2025

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

Title of the project	An experimental and numerical investigation of the mechanical properties of geothermal reservoir rocks and the fluid flow from hot springs in the Tawang region of Arunachal Pradesh, North Eastern India
Sponsored Agency	Anusandhan National Research Foundation (ANRF)
Project sanction number	ANRF/ECRG/2024/005933/ENS
No. of posts	One (01)
Duration	Three (03) years (extension based on performance review every 12 months)
Principal Investigator (P.I)	Dr. Dinesh P , Assistant professor, Department of Civil 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, 31.08.2025))
2.	Essential Qualification	(i) B.E./ B. Tech or equivalent degree in Civil Engineering/ Mechanical/Chemical Engineering + GATE qualification or (ii) M.E./ M. Tech or equivalent degree in Civil Engineering/ Mechanical/Chemical Engineering (GATE qualified students will be given preference)
3.	Desirable Experience	(i) Basic knowledge in geothermal energy. (ii) Prior knowledge of geomechanical tests of rock (i.e. Young's modulus, poisson's ratio, fracture toughness and others), knowledge on computational geomechanics such as FEM is advantageous but not mandatory.
4.	Salary	Rs. 37,000/- p.m. for first two years (JRF); Rs. 42000/- p.m. for third year (SRF) (for candidates with GATE qualification) Rs. 30,000/-p.m. for first two years (JRF); Rs. 35000/- p.m. for third year (SRF) (for candidates without GATE qualification) HRA @10% if Institute Accommodation is not provided.
5.	Relaxation on qualification and age	SC/ST/OBC/WOMEN/PWD candidates will get relaxation as per Govt of India Rules.
6.	Last date of receiving/ submission of filled up application form	21st September 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: <u>dinesh@civil.nits.ac.in</u>
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 **21st September 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/ GPA	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	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