राष्ट्रीय प्रौद्योगि 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)

Annexure 01(A) - 1

Advertisement No.: NITS/Dean(R&C)/CE/700/02/2026 **Date: 02.11.2026**

Applications are invited from Indian citizens for a temporary post *of* **Junior Research Fellow (JRF)** for the ***ANRF*** Govt. of India, 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**
Description of the project	The project studies the strength and permeability of geothermal rocks under different heat treatments using laboratory tests. Numerical models will be developed to understand heat, fluid flow, rock behaviour, and possible earthquakes caused by water and CO_2 injection.
Sponsored Agency	ANRF, Govt. of India
Project Sanction Number	**ANRF/ECRG/2024/005933/ENS**
No. of Posts	**One (01)**
Duration	**Two (2) years** or till Completion of the Project, whichever is earlier (extension of selected candidate would be based on performance review every 12 months)
Principal Investigator	**Dr. Dinesh P,** Assistant Professor, Dept. of Civil Engineering, NIT Silchar

General Information and Terms & Conditions

1.	Age Limit	**35 years** (on last date of advertisement). However, relaxation in the age limit will be permitted based on experience and qualification
2.	Essential Qualification	Candidates must have a B.E./B.Tech. or equivalent degree in Civil, Mechanical, or Chemical Engineering with GATE qualification, or an M.E./M.Tech./M.Sc./M.Sc Tech. degree in Civil, Mechanical, Chemical Engineering, Earth Science, or Geology. **GATE/NET**-qualified candidates 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. 37000/- per month; 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 of filled up application form (soft-copy)	**30.11.2026**
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 PI through the email (***dinesh@civil.nits.ac.in***), with the subject line: "Application for the post of JRF under the project - **ANRF/ECRG/2024/005933/ENS**" For any queries, Contact PI at: ***dinesh@civil.nits.ac.in***
8.	Date of interview, time, and venue	**Interview date and mode (online/ offline) with other details will be duly notified through email.** **NB:** No TA/DA will be paid for appearing in the interview and/or Joining to the post. All the terms & conditions for this recruitment will be as per the guidelines of the sponsoring agency and NIT Silchar
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

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(राष्ट्रीय महत्व का संस्थान)
OFFICE OF THE DEAN (RESEARCH & CONSULTANCY)

Paste recent passport size colored Photograph

FORMAT of APPLICATION

For the post of **Junior Research Fellow (JRF)**

1. Advertisement no : ..... Dated:-
2. Title of the Project :
3. Funding Agency :
4. Department :
5. Name of the applicant (in block letters):
6. Father's/Husband's Name:
7. Date of Birth (DD-MM-YYYY):
8. Gender:
9. Marital Status:
10. Age as on last date of application:
11. Postal Address:

12. Permanent Address:

13. E-mail:
14. Phone no.:
15. Nationality:
16. Whether belongs to SC/ST/OBC/EWS/PwD: (If yes, attach certificate):

17. Educational Qualification:(Starting from Class X)

Exam Passed	Board/University	Division	Percentage of marks/CPI	Year of passing	Subjects

18. NET/GATE Examinations Passed:

□ NET □ GATE

Subject	Qualifying date	Valid up to	Subject	Score	Valid up to

19. Details of employments:

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

20. Any other relevant information that you may like to furnish:

Declaration

I declare that the above information is true and correct to the best of my knowledge and belief.

Date:

Place: Signature of the applicant