



राष्ट्रीय प्रौद्योगिकी संस्थान गसलचर
NATIONAL INSTITUTE OF TECHNOLOGY SILCHAR
अध्यक्ष का कार्यालय (शोध एवं परामर्श)
OFFICE OF THE DEAN (RESEARCH & CONSULTANCY)

Advertisement No: NITS/Dean (RC)/ME/723/01/

Date: 14.08.2026

Applications are invited from Indian citizens for a temporary post of **Junior Research Fellow (JRF)** for the Department of Science and Technology Govt. of India, sponsored project in the Department of **Mechanical Engineering**, NIT Silchar.

Title of the project	Machine learning based design of low cost Knee-Ankle-Foot-Orthosis for Divyangs and development through additive- manufacturing of recycled plastic
Description of the project	Designing person-specific Knee-Ankle-Foot-Orthosis for Divyangs using machine learning techniques and prototyping using additive manufacturing routine. To this end, recycled plastics are used.
Sponsored Agency	Department of Science and Technology (DST)
Project Sanction Number	SP/YO/2021/1652
No. of Posts	01
Duration	03 years or completion of project, whichever is earlier (extension based on performance review every 12 months)
Principal Investigator	Dr. Vinyas Mahesh, Assistant Professor , Department of Mechanical Engineering, National Institute of Technology Silchar, Silchar-788010, India.

General Information and Terms & Conditions

1.	Age Limit	35 years (on last date of advertisement)
2.	Essential Qualification	M.E/M.Tech in Mechanical Eng. (Specialization in Machine Design, Materials and Manufacturing)/Biomedical Eng or related fields from a recognised University or equivalent with good academic record from a recognized University/Institute. Minimum 60% marks in Masters or equivalent degree. GATE/NET qualified
3.	Desirable Experience	Experience of performing simulations in COMSOL, Additive Manufacturing and Material Characterisation
4.	Salary	Rs. 37000/- per month , Note: Candidate will be eligible for H.R.A as per the Project/Institute norms.
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)	31.08.2026
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 (vinyas@mech.nits.ac.in), with the subject line: "Application for the post of JRF under the project SP/YO/2021/1652 For any queries, Contact PI at: vinyas@mech.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)
Dean(R&C)**



राष्ट्रीय प्रौद्योगिकी संस्थान गसल चर
NATIONAL INSTITUTE OF TECHNOLOGY SILCHAR
 अध्यक्ष का कार्यालय (शोध एवं परामर्श)
OFFICE OF THE DEAN (RESEARCH & CONSULTANCY)

FORMAT of APPLICATION

Junior Research Fellow (JRF)

Paste
recent
passport
size colored
Photograph

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