

INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE

Department of Mechanical and Industrial Engineering

ADVERTISEMENT FOR THE POST SRF

Date: 06 – 02 – 2026

Applications are invited from interested and motivated candidates for the post of **Senior Research Fellow (SRF)** in a time bound research project for a temporary period, purely on contractual basis as per the following details.

Position	Senior Research Fellow (SRF)
Number of Vacancy	1
Project Title	Development of space coiling metamaterials for enhanced noise control and enhanced thermo-fluidic performance of HVAC appliances
Department	Department of Mechanical and Industrial Engineering, IIT Roorkee
Project Tenure	1 year 3 months; or until completion of project, whichever is earlier
Job Description	<ul style="list-style-type: none">• Conduct FEM simulations, CFD and acoustics simulations, in COMSOL Multiphysics software• Develop and use optimization algorithm for design of materials• Assist in conducting experimental studies of material properties• Assist in all project related operational activities
Essential Qualification	<ul style="list-style-type: none">• MSc/BE/B. Tech or equivalent degree with at least 55% marks and one publication in Science Citation Indexed (SCI) Journal and should have completed at least two years of post-MSc/BE/B. Tech research experience as on the last date of application, as evidenced from fellowship/ associateship or from date of registration for Ph.D. <p>OR</p> <ul style="list-style-type: none">• M.Tech/ME or equivalent degree in engineering/technology with at least 60% marks. <p>OR</p> <ul style="list-style-type: none">• BE/B. Tech or equivalent degree with at least 60% marks and two years of research experience as on the last date of application. <p>In addition, to the above qualification(s), GATE or NET score is desired.</p>
Age Limit	32 Years as on the last date of application
Age relaxation	The upper age limit is relaxable upto 5 years in case of candidates belonging to scheduled castes/Scheduled Tribes/physically handicapped and female applicants whereas 3 years in case of OBC (Non-Creamy Layer candidates).
Fellowship	Rs. 42,000/-p.m.

- Candidates can apply by sending their (i) Curriculum Vitae, (ii) copy of degrees, (iii) 10 and 12th school certificates, (iv) GATE / NET score card, (v) other documents supporting their essential qualifications/ experience, to the Principal Investigator by email at sneha.singh@me.iitr.ac.in
- Last date of application is February 14, 2026 by 11:30 PM.


Digitally signed by Sneha Singh
DN: cn=Sneha Singh, o=IIT Roorkee,
ou, email=sneha.singh@me.iitr.ac.in,
c=IN
Date: 2026.02.06 16:41:46 +05'30'

Name and Signature of Principal Investigator

(Dr. Sneha Singh, Associate Professor, MIED, IIT Roorkee)

Contact no: +91 9304468815. Contact Email: sneha.singh@me.iitr.ac.in

Approved


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