

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	<p>• 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> <p>OR</p> <p>• M.Tech/ME or equivalent degree in engineering/technology with at least 60% marks.</p> <p>OR</p> <p>• 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> <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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 Sponsored Research & Industrial Consultancy
 Indian Institute of Technology Roorkee
 Roorkee-247 667 (INDIA)
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