



NATIONAL INSTITUTE OF TECHNOLOGY SRINAGAR

(An autonomous Institute of National Importance under the aegis of the Ministry of Education, Govt. of India)

DEPARTMENT OF MECHANICAL ENGINEERING

Hazratbal , Srinagar Jammu and Kashmir, 190006, INDIA

Advertisement No: NITS/MED/25 /454 DT: MAY 20, 2025

Advertisement for JRF recruitment under IRG-ANRF Project

Project title	Solar-powered atmospheric water harvesting system integrated with desiccant wheel for cool and dry climate
Sponsoring agency	Anusandhan National Research Foundation (ANRF)
Position title	Junior Research Fellow
Duration	Initially for one year, with the possibility of extension up to three years (36 months)
Number of position(s)	1 (One)
Last date to apply	03/06/2025 (Tuesday)
Essential Qualification	<ol style="list-style-type: none"> 1. B.E. /B. Tech. in Mechanical Engineering or relevant degree with a minimum CGPA of 6.5 or not less than 60%. 2. M. E. / M. Tech in a related field, preferably with a specialization in Thermal Engineering/ Solar Energy/ Renewable Energy with a minimum CGPA of 6.5 or not less than 60% for General/OBC/EWS Category and for SC/ST minimum CGPA of 6.0 Or not less than 55% marks at Master's level, selected through a process described through any one of the following <ol style="list-style-type: none"> A. Scholars who are selected through the National Eligibility Test- CSIR-UGC NET, including lectureship (Assistant Professorship) and GATE B. The selection process through National Level Examinations conducted by central government departments and their agencies and institutions such as DST, DBT, DAE, DOS, DRDO, MoE, ICAR, ICMR, IIT, IISc, IISER, NISER etc. 3. Qualified GATE Score.
Desirable	<ul style="list-style-type: none"> • Strong foundation in Thermodynamics, Heat Transfer, Solar Energy, and Computational Fluid Dynamics (CFD) • Proficiency in ANSYS software • Good technical report writing skills
Emoluments	<p>Rs. 37,000/-(<i>plus 20% HRA as admissible</i>) per month for 2 years</p> <p>Rs. 42,000/-(<i>plus 20% HRA as admissible</i>) per month after completion of two years as JRF</p>
Registration for PhD	The selected candidate can register for the Ph.D. program if eligible, as per the institute's rules and statutes.
How to apply?	<ul style="list-style-type: none"> • Complete the application form provided with this advertisement • Include a brief CV (maximum 3 pages) • Attach scanned copies of all relevant certificates (to be submitted as a single PDF



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	file) • Submit the complete application via email to: manojkumar@nitsri.ac.in Note: Incomplete applications will be rejected without further notice.
Submission mode	Soft copy
Contact	Name: Dr. Manoj Kumar Assistant Professor, Mechanical Engineering Department National Institute of Technology Srinagar - 190006 Jammu and Kashmir manojkumar@nitsri.ac.in 8899778876

Interested and eligible candidates may send their application (scanned copy in pdf Format) as per the format given below, along with the CV, and copies of certificates to manojkumar@nitsri.ac.in by 03-06-2025. Please mention the subject line of your email as

Application for the ANRF-IRG: JRF position

The 3 files should be specifically in PDF format and be named as:

1. Your Name_application.pdf
2. Your Name_CV.pdf
3. Your Name_Certificates.pdf
 - a. Scanned copies of B Tech and M Tech certificates
 - b. Scanned copy of Date of Birth
 - c. Scanned copies of Proof for research experience, special achievements, and publications (SCI & Scopus only), if any.

No other format will be accepted, and applications will be rejected

The shortlisted/screened candidates can attend an interview in **online/offline** mode. The interview date will be communicated to the screened candidates through email or the institute's website.

No TA/DA will be paid for attending the interview.

For any clarifications, candidates can contact the Principal Investigator.

Dr. Manoj Kumar

Principal Investigator (Project)

Assistant Professor, Mechanical Engineering Department

National Institute of Technology Srinagar

Jammu and Kashmir– 190006, India

Email: manojkumar@nitsri.ac.in

Mobile: 8899778876.



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Application Form

Department: _____

Application	Junior Research Fellow (JRF) under the Research Project entitled: Solar-powered atmospheric water harvesting system integrated with desiccant wheel for cool and dry climate
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Name (Block Letters)		Do not staple Paste Recent Passport Size Colour Photograph
Parentage / Guardian Name		
Date of Birth		
Age (On date of application)		
Place of Birth		
Marital Status		
Rural/Urban		
Mobile No		
Email Id		

Permanent Address

Address for Correspondence

QUALIFYING EXAMINATIONS

Degree	Specialization /Subjects	Institution / University / Board	Year	Percentage/CGPA
M Tech				
B Tech				
Hr Sec II (12 th)				
SSC (10 th)				
Any Other				

	Documents Submitted	7.	
1.		8.	
2.			Documents Awaited (If Any)
3.		1.	
4.		2.	
5.		3.	
6.		4.	



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Research Publications

Total number of publications (SCI/Scopus)	
List of Publications (SCI/Scopus)	

Research Experience / Employment Details

Organization	Period (From-To)	Designation / Other Details

Contact details of two referees:

	Reference I	Reference II
Name		
Designation		
Organization		
Office Address		
Phone / Mobile Number		
Email ID		

Any Other Relevant Information: _____

I solemnly affirm that:

- The aforementioned particulars given by me are correct, and the documents furnished are genuine.
- My application for the said position in the National Institute of Technology Srinagar is purely provisional at my own risk and responsibility, subject to verification of all academic documents. In case of any discrepancy found therein at any stage, my application shall be treated as canceled.
- I shall abide by the rules and regulations at present in force or those that may hereafter be made applicable by the Institute. I undertake that so long as I am a fellow of the Institute, I will do nothing either inside or outside the Institute campus that will interfere with its orderly working and discipline.
- I have not been convicted of any criminal offense, nor have I been released on bail in connection with any criminal case.
- No case of criminal offense or mortal turpitude is pending against me in any court of law.
- No complaint or F.I.R. has been lodged against me by the university / Institute/principal of the constituent institute/Affiliated Institute by the Department where I am/was working.

Signature of the Applicant

Dated: _____