



## VRITIKA RESEARCH INTERNSHIP ON

### Advanced Experimental and Computational approaches towards Development of Sustainable Energy Efficient Systems

#### ORGANIZED BY

Department of Mechanical Engineering  
National Institute of Technology Srinagar  
Jammu & Kashmir, INDIA-190006

#### FUNDED BY

Science and Engineering Research Board (SERB),  
Govt. of INDIA, under Accelerate Vigyan Scheme

**'VRITIKA' is a call for scientific initiation and practice through training and skill internship. Through this internship, the programme seeks to foster a strong interest in scientific and engineering research as well as providing technical insight into the field of science and engineering. Organizations, institutes, and laboratories of national significance will largely facilitate these internships**

#### WHO CAN APPLY?

4<sup>th</sup> year B. Tech, Masters and PhD (Mechanical Engineering)  
students enrolled in any Indian Universities/Institutes.

#### OBJECTIVE

This internship program aims to develop skill for internship students from universities and institutes. The internship program will provide a holistic learning experience combining theoretical knowledge with practical skills. The participants will have hands on exposure of the experimental and computational approaches related to real world problems.

#### National Institute of Technology Srinagar

National Institute of Technology Srinagar is one of the premier educational institutes in the northern region of the country. It was established in 1960. The institute is located on the banks of the world-famous Dal Lake on one side and the Hazratbal shrine on the other side. The Institute offers B. Tech, M. Tech and PhD courses in diversified areas of Engineering and Science.

#### NATURE OF SUPPORT

Lodging, Food, Stationery, Travel (to & fro) requirements will be met free of cost as per SERB norms.

#### SELECTION CRITERIA

- Academic achievement in university examinations (CGPA/percentage of marks)
- Academic/co-curricular contest participated, and other awards/distinction
- Letter of intent (Why do you wish to attend this internship? How will this be useful for your career? etc.)

#### TERMS AND CONDITIONS

- Selected candidates shall attend the program physically. Attendance (100%) is mandatory
- The interns should follow the institute's rules and regulations strictly.
- Interns will complete the assigned tasks and assignments timely.
- Submission of individual final report at the end of the tenure is mandatory.
- It would be appreciable if candidates bring their own laptops.

#### DETAILS

- Duration: 4 weeks (Feb 5, 2024 – March 4, 2024)
- Venue: National Institute of Technology Srinagar
- Number of Internships: 05
- Course completion certificate at the end of internship

**Last date for submission of applications: 15/1/2024**

Note: Selected candidates will be notified through e-mail.

#### COORDINATOR

**Prof. Adnan Qayoum**

Professor & Head

Department of Mechanical Engineering  
National Institute of Technology Srinagar  
Hazratbal, Srinagar, J&K, INDIA-190006

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**National Institute of Technology Srinagar**  
**Hazratbal, Srinagar, Jammu and Kashmir 190006**



**Application Form for SERB, Accelerate Vigyan, “VRITIKA” Training and Skill Internship Program 2023-24**

Name of the event: **Advanced Experimental and Computational approaches towards Development of Sustainable Energy Efficient Systems**

Duration of Course: **05.02.2024 to 04.03.2024**

Department Applied for: **Mechanical Engineering**

Coordinator: **Prof. Adnan Qayoum**

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Sl. No	(All the columns are to be compulsorily filled neatly in capital letters)		
1	Name		
2	Course (UG/PG/Ph.D.) /Specialization		
3	Year of Study (Current semester)		
4	Department		
5	College/Institute/University		
6	Institute Address	Phone: Email ID:	
7	Mobile no.		
8	Email ID		
9	Category	SC/ ST/ OBC/GEN	
10	Date of birth		Gender: Male/Female
11	A) Name of guardian (Father/Mother/Others)		

	B) Contact Address				
	C) Guardian Mobile and Email ID:				
12	Details of Examination Passed				
	Course	Specialization (If any)	College/ Institute / University	Results declared up to (semester)	Cumulative % of Marks /CGPA /CPI up to the last declared results
	UG				
	PG				
	Others				
13	Number of failed courses/back papers for the present program of study as on today:				
14	Awards/certificates/any other important credentials (attach scanned copies):				
15	Number of papers presented in conferences (If applicable attach scanned copies):				
16	Any other relevant details:				

### Self-Declaration

I hereby declare that the statements made in this application are true, complete and correct to the best of my knowledge and belief. I also ensure that during the internship, I will follow all the rules and regulations stipulated by **NIT Srinagar**

**Date:**

**(Signature of the applicant)**

**Note:** Scanned copy of this application is to be send on [yasir@nitsri.ac.in](mailto:yasir@nitsri.ac.in) on or before **15.01.2024**.

## **Recommendation Cum No Objection Certificate from the Head of the Department/Institute**

Mr./Ms. \_\_\_\_\_ is a regular student (Roll No: \_\_\_\_\_) studying in \_\_\_\_\_ Semester of the \_\_\_\_\_ program / Course in our \_\_\_\_\_ University/Institute/College and will assume full responsibility for actively participating in the **“VRITIKA” Training and Skill Internship Program titled “Advanced Experimental and Computational approaches towards Development of Sustainable Energy Efficient Systems”** sponsored by SERB under the Accelerated Vigyan Scheme, scheduled from 05.02.2024 to 04.03.2024 at NIT Srinagar. The candidate has secured \_\_\_\_\_%/CGPA/CPI till date (If applicable). There is no disciplinary action against him/her as per our records. Details given by him/her are verified and found correct. This college/institute has no objection for his/her participation in the Training and Skill Internship Program at NIT Srinagar.

**Date:**

**Name & Signature**

**Head of the Department/Institute**

**Place:**

**Seal of the Department/Institute**