

Mark Your Calender

 **November 22–23, 2026**

NATIONAL SYMPOSIUM ON

# Applied Mathematics, Scientific Computing and Machine Learning



Department of Mathematics,  
SVNIT Surat, Gujarat, India



SARDAR VALLABHBHAI  
NATIONAL INSTITUTE OF  
TECHNOLOGY SURAT  
विद्या अमृतमश्नुते

सरदार वल्लभभाई राष्ट्रीय प्रौद्योगिकी संस्थान, सुरत  
SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT  
ESTD 1961

## About the Symposium

This Symposium brings together leading specialists, researchers, and scholars for an intensive exchange of cutting-edge results, recent developments, and emerging ideas. It aims to provide a distinguished forum for exploring new directions at the interface of Applied Mathematics, Scientific Computing, and Machine Learning, while highlighting their profound and evolving impact on contemporary research and applications. By fostering interdisciplinary dialogue and collaboration, the Symposium seeks to facilitate the exchange of knowledge, inspire innovative approaches, and contribute to the advancement of these rapidly evolving fields.

We hope to see you at SoAMSCML-2026!!

## Symposium Speakers



**PROF. B V RATISH KUMAR,**  
**IIT KANPUR**

*Numerical Analysis &  
Scientific Computing*



**PROF. SANJAY KUMAR PANDEY,**  
**IIT BHU**

*Mathematical Modelling &  
Digital Image Processing*



**PROF. C.S. SASTRY,**  
**IIT HYDERABAD**

*Wavelet &  
Machine Learning*



**PROF. RAJESH KUMAR PANDEY,**  
**IIT BHU**

*Mathematical Modelling  
& Image Processing*



**PROF. SIVANANTHAN SAMPATH,**  
**IIT DELHI**

*Applied Harmonic analysis  
& Learning Theory*



**DR. DHARMENDRA TRIPATHI,**  
**NIT UTTARAKHAND**

*Mathematical Modelling &  
Biofluid Mechanics*



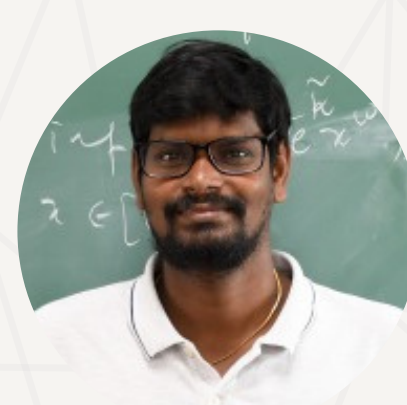
**PROF. MUKESH KUMAR SHARMA,**  
**CCSU MEERUT**

*Mathematical Modelling &  
Artificial Intelligence*



**PROF. P. DEVARAJ,**  
**IISER TVM**

*Applied Harmonic Analysis &  
Machine Learning*



**DR. SATHISH KUMAR,**  
**IIT MADRAS**

*Sampling-Reconstruction &  
Approximation Theory*



**DR. ROHIT KUMAR MISHRA,**  
**IIT GANDHINAGAR**

*PDE &  
Medical Imaging*



**DR. GARIMA SHAKYA,**  
**IIT PALAKKAD**

*Algorithms &  
Ethical AI*



**DR. ANURAG SHUKLA,**  
**RAJKIYA ENGINEERING COLLEGE KANNAUJ**

*Control theory &  
Differential Equations*



**DR. ABHINAV JHA,**  
**IIT GANDHINAGAR**

*Numerical Analysis &  
Scientific Computing*



**DR. MD HASAN ALI BISWAS,**  
**IIT GANDHINAGAR**

*Frame Theory &  
Quantum Harmonic Analysis*



**DR. MADHU GUPTA,**  
**IIT GANDHINAGAR**

*Deep Learning &  
Medical Imaging*

# Call for Posters

The researchers working in the areas of *Applied Mathematics, Scientific Computing, and Machine Learning* can present their research in the form of posters. The certificate of poster presentation will be provided to each presenter and top three posters will be awarded.

## Registration details

### PROSPECTIVE PARTICIPANTS

PhD scholars, postdoctoral fellows, faculties, and young students and researchers interested in said subjects are encouraged to apply.

### STEPS AND INSTRUCTIONS:

- Apply Through  
[Click Here for application](#)
- Abstract of poster has to be submitted within the registration deadline.
- Selected candidates will be notified through email by **November 10, 2026**.

### Important Dates

- REGISTRATION OPENS: 25.09.2026
- REGISTRATION CLOSES: 31.10.2026

### Registration Fees

| CATEGORY                     | OFFLINE | ONLINE |
|------------------------------|---------|--------|
| • INDIAN PARTICIPANT:        | ₹1500   | ₹500   |
| • INTERNATIONAL PARTICIPANT: | US\$70  | US\$25 |

Note: 18% GST will be applicable at the time of registration. It includes two days lunch and high-tea for the participants.

### Accommodation Information

ACCOMMODATION WILL BE AVAILABLE ON PAYMENT BASIS

| CATEGORY           | AC   | NON-AC |
|--------------------|------|--------|
| • SINGLE OCCUPANCY | ₹700 | ₹500   |
| • DOUBLE OCCUPANCY | ₹350 | ₹250   |

Note: Accommodation charges are separate from the registration fee. Rooms will be allotted on a first-come, first-served.

## Topics Covered

- *AI/ML/Deep Learning*
- *Numerical Analysis & Scientific Computing*
- *Mathematical Modelling*
- *ODE & PDE*
- *Image Processing*
- *Approximation Theory*
- *Applied Harmonic Analysis*
- *Wavelet analysis*
- *Fluid Mechanics*
- *Mathematical Biology*
- *Control Theory*

## Organising Committee

### CHIEF-PATRON

Prof. Anupam Shukla  
Director, SVNIT Surat



### PATRON

Dr. Jayesh M. Dhodiya,  
Head,  
Department of Mathematics,  
SVNIT Surat



### CONVENOR

Dr. Shivam Bajpeyi,  
Assistant Professor,  
Department of Mathematics,  
SVNIT Surat



## About the Institute

Sardar Vallabhbhai National Institute of Technology (SVNIT), Surat, established in 1961 as Sardar Vallabhbhai Regional College of Engineering & Technology, was elevated to the status of a Deemed University on 4 October 2002. SVNIT is one of India's pioneering engineering institutions, offering undergraduate, postgraduate, M.Sc., and Ph.D. programmes. The institute places strong emphasis on interdisciplinary education, innovation, and research across diverse fields of engineering, science, and technology.

## About the Department

The Department of Mathematics, SVNIT Surat, received its present status in 2023, evolving from its earlier association with the Applied Sciences and Humanities Department through the Applied Mathematics & Humanities and Mathematics & Humanities departments. Since 2007, the department has offered a Five-Year Integrated M.Sc. programme in Mathematics, and from 2024, a B.Tech. programme in Mathematics and Computing. The department provides mathematics education to undergraduate and postgraduate students and promotes interdisciplinary research in areas including approximation theory, fluid mechanics, special functions, algebra, integral transforms, mathematical modelling, biomathematics, data mining, and numerical methods.

## Contact Person

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