Office of the Principal Scientific Adviser
to the Government of India

I-STEM®
Linking Researchers and Resources

I-STEM, OPSA, GOI IN COLLABORATION WITH SVNIT SURAT PRESENTS

SAMAVESHA 14

BRIDGING THE GAP: EMPOWERING RESEARCH THROUGH
SHARED SCIENTIFIC INFRASTRUCTURE

samavesha

Dive into a day of **INNOVATION, COLLABORATION** and **LEARNING**

28 AUG 2025 | **SEMINAR HALL**
DEPARTMENT OF ELECTRICAL ENGINEERING
SVNIT, SURAT

REGISTER NOW

SCAN FOR LOCATION

CONTACT INFORMATION
www.istem.gov.in 🌐
www.psa.gov.in/i-stem 🌐
marketing@istem.co.in ✉
+ 91 74118 54187 📞
+ 91 94224 48729 📞

ABOUT

The workshop aims to foster collaboration and raise awareness among regional research institutions through hands-on training, live demonstrations, and knowledge sharing. It is designed to empower researchers, startups, industries, and academic professionals, particularly those in and around SVNIT Surat, to effectively utilize the I-STEM portal for resource sharing, equipment access, and enhanced visibility within India's national research ecosystem.

WORKSHOP OBJECTIVES

- - Enhance awareness of advanced laboratory facilities accessible through the I-STEM platform.
- - Showcase the shared research infrastructure and resources available at SVNIT Surat.
- - Explore lab-to-industry pathways to foster research-driven innovation and collaboration.
- - Facilitate collaboration opportunities through I-STEM, connecting academic institutions, industries, and government R&D bodies to accelerate scientific discovery and innovation.
- - Host expert talks by industry professionals to provide insights on leveraging national research infrastructure for product development and technological advancement.
- - Offer hands-on training on institutional registration procedures and equipment listing on the I-STEM national portal.

TARGET AUDIENCE:

Faculty, Scientists, Research Scholars (Ph.D. & Post-doctoral), Academic Institutions, Startups and Industry professionals, R&D Labs working in the areas of Science, Engineering, Agriculture, Medical Sciences, and other scientific fields

PROGRAMME HIGHLIGHTS:

- INAUGURAL SESSION
- TECHNICAL WORKSHOPS
- KEYNOTE ADDRESS
- EXPERT TALKS
- LIVE DEMONSTRATIONS
- HANDS-ON TRAINING SESSIONS
- INTERACTIVE Q&A SESSIONS
- CLOSING CEREMONY

HOSTS OF SAMAVESHA 14
SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY (SVNIT), SURAT

Sardar Vallabhbhai National Institute of Technology (SVNIT), Surat, established in 1961 as Sardar Vallabhbhai Regional College of Engineering & Technology (SVRCET), is one of India's premier technical institutions. Initially offering undergraduate programmes in Civil, Electrical, and Mechanical Engineering, the institute was conferred the status of a 'Deemed University' in 2002 and later declared an 'Institution of National Importance' under the NIT Act, 2007. Today, SVNIT offers a wide range of academic programmes including 11 B.Tech. degrees, 21 M.Tech. degrees, Integrated M.Sc. programmes in Chemistry, Mathematics, and Physics, an Integrated B.Tech.-M.Tech. programme, and an MBA in Business Analytics. The institute also provides Ph.D. and M.Tech. (Research) programmes across engineering, science, management, and English disciplines. Recognized as a Quality Improvement Programme (QIP) centre by the Government of India, SVNIT has also established the Centre of Indian Knowledge System and the Centre for Tribal Technology Development. With a strong vision to be a globally acknowledged center of excellence, the institute is committed to delivering high-quality education, fostering innovation, promoting research, and nurturing industry-academia collaboration, thereby contributing meaningfully to national growth and technological advancement.

🔗 Visit: https://www.svnit.ac.in/

INDIAN SCIENCE, TECHNOLOGY AND ENGINEERING FACILITIES MAP (I-STEM)

I-STEM is a national initiative of the Office of the Principal Scientific Adviser (OPSA) to the Government of India. Launched by the Hon'ble Prime Minister on 3rd January 2020, I-STEM aims to promote equitable access and optimal utilization of publicly funded S&T infrastructure across India.

Connects researchers, academic institutions, startups, and industries to advanced R&D facilities.

Enhances collaboration, innovation, and technology development by sharing high-end research equipment.

Strengthens India's R&D ecosystem through a dynamic digital platform.

Facilitates transparent access to scientific resources and boosts the visibility of research outputs.

🔗 Visit: https://www.istem.gov.in/
🔗 Visit: https://www.psa.gov.in/i-stem

EQUIPMENT DEMONSTRATIONS:

HIGH PERFORMANCE COMPUTING (HPC) CLUSTER

A powerful computing system for high-speed data processing, simulations, and advanced modeling in research and engineering.

HIGH-PERFORMANCE LIQUID CHROMATOGRAPHY (HPLC)

A precise analytical tool for separating, identifying, and quantifying components in chemical, pharmaceutical, and environmental samples.

DIRECT CURRENT (DC) & RADIO FREQUENCY (RF) SPUTTERING MACHINE

Used for thin film deposition in semiconductors, coatings, and advanced materials with high precision and control.

SCHEDULE

SAMAVESHA - 14

Indian Science, Technology and Engineering facilities Map (I-STEM), OPSA, GoI in collaboration with SVNIT, Surat !

28-08-2025		
Time	**Topic**	**Speaker**
9:00 am – 9:45 am	**Registration**(Department of Electrical Engineering, SVNIT, Surat)	
10:00 am – 10:30 am	Inauguration	
	Welcome Address	**Prof. Anupam Shukla** Director SVNIT, Surat
	Welcome Address	**Dr. Harilal Bhaskar** (COO/National Coordinator, I-STEM, OPSA GoI, IISc, Bengaluru)
10:30 am – 10:45 am	Group Photo Session	
10:45 am – 11:00 am	Tea Break	
	Session 1: I-STEM	
11:00 am - 11:30 am	**I-STEM: Linking Researchers and Resources**	I-STEM Team
11:30 am –12:00 pm	**I-STEM User Demo & Outreach Opportunities**	I-STEM Team
	Session 2: Keynote	
12:00 pm – 01:00pm	**Expert Talk**	Resource Person
01:00 pm – 02:00pm	Lunch	
	Session 3	
02:00 pm – 03:30pm	**Presentation and demo of I-STEM Portal for Institutional onboarding (for Institute Representatives)**	**I-STEM Team**
03:30 pm – 05:00pm	**Equipment Demo and Lab Visit by SVNIT, Surat**	**SVNIT Team**
	Closing Ceremony	
	High Tea & Networking	

SCAN HERE TO REGISTER

SCAN HERE TO GIVE US FEEDBACK

NEED ASSISTANCE? FEEL FREE TO REACH OUT!

+ 91 9422448729   + 91 7411854187

marketing@istem.co.in

Enjoy SAMAVESHA!

Engage, learn, and enjoy the I-STEM Academia event!
If you have any questions or need assistance during event, approach I-STEM Team at the registration desk.
Thank you for your cooperation. We look forward to a successful and enjoyable event at Samavesha!

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