

I-STEM, OPSA, GOI IN COLLABORATION WITH NIT CALICUT PRESENTS

SAMAVESHA 11

BRIDGING THE GAP: EMPOWERING RESEARCH THROUGH
SHARED SCIENTIFIC INFRASTRUCTURE

29 & 30
MAY 2025

NIT CALICUT
BHASKARA HALL

Dive into 2-days of **INNOVATION, COLLABORATION** and **LEARNING**



National Institute of Technology
CALICUT



REGISTER NOW



SCAN FOR LOCATION

CONTACT INFORMATION

www.nitc.ac.in 
randc.nitc.ac.in 
www.istem.gov.in 
www.psa.gov.in/i-stem 
marketing@istem.co.in 
+ 91 74118 54187 



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 NIT Calicut, 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 NIT Calicut.
- 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

DAY 1 : 29TH MAY 2025

- INAUGURAL SESSION
- TECHNICAL WORKSHOPS
- KEYNOTE ADDRESS
- EXPERT TALKS
- HANDS-ON TRAINING SESSIONS
- LIVE DEMONSTRATIONS

DAY 2 : 30TH MAY 2025

- TECHNICAL WORKSHOPS
- PANEL DISCUSSIONS
- INTERACTIVE Q&A SESSIONS
- CLOSING CEREMONY

Hosts of SAMAVESHA 11

NATIONAL INSTITUTE OF TECHNOLOGY CALICUT

The National Institute of Technology Calicut (NITC), established in 1961, is a premier technical institution recognized as an Institute of National Importance under the NITSER Act, 2007. Ranked 25th in Engineering and 3rd in Architecture and Planning in the NIRF 2024 rankings, NITC is a leading center for scientific and technological education and research in India.

NITC is dedicated to innovation and entrepreneurship through the National Innovation and Startup Policy (NISP 2019), supported by its Technology Business Incubation Center, IPR Cell, and Institution's Innovation Council. The institute is a multidisciplinary hub with a focus on teaching and stratified research, driven by around 420 faculty members known for their academic and research excellence.

At the core of NITC's research infrastructure is its Central Research Facility (CRF)—a state-of-the-art Technology Hub designed to address societal challenges through advanced scientific research.

- High-End Instrumentation: Equipped with cutting-edge scientific equipment for breakthrough research.
- Shared Access & Collaboration: Facilities are open to external researchers, startups, and industries, promoting collaborative research and innovation.
- Idea-to-Product Development: Supports the complete cycle of innovation, from concept development to prototype building and commercialization.
- Revenue Generation: Acts as a reliable source of Internal Revenue Generation (IRG) by providing access to research equipment and lab spaces.
- Global Recognition: Enhances NITC's international presence through impactful research and technological solutions.

 Visit: <https://nitc.ac.in/>

 Visit: <https://randc.nitc.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: www.istem.gov.in

Collaboration thrives where access is shared—bridging the gap between potential and progress through open, collective scientific infrastructure.

Schedule - Day 1

DAY 1 (29-05-2025)		
TIME	TOPIC	SPEAKER
08:45 am – 9:30 am	Registration	
09:30 am – 10:00 am	Inauguration	
	Welcome Address	Dr. Harilal Bhaskar (COO/National Coordinator, I-STEM, OPSA Gol, IISc, Bengaluru)
		Welcome Address
10:00 am – 10:15 am	Group Photo Session	
10:15 am – 10:30 am	Tea Break	
10:30 am – 10:40 am	Lucky Draw	
Session 1: I-STEM		
10:40 am – 11:00 am	I-STEM: Linking Researchers and Resources	I-STEM Team
11:00 am –11:30 am	I-STEM User Demo & Outreach Opportunities	I-STEM Team
Session 2: Keynote		
11:30 am – 12:15 pm	Address by Industry Expert	Resource Person
12:15 pm – 01:00 pm	Address by Industry Expert	Resource Person
01:00 pm – 02:00 pm	Lunch	
02:00 pm – 02:10 pm	Lucky Draw	
Session 3: Equipment Demo & Lab Visit by NIT Calicut		
02:10 pm – 03:30 pm	Presentation of Equipment DEMO	NIT Calicut
03:30 pm – 05:00 pm	Lab visit batch 1	NIT Calicut
	Lab visit batch 2	NIT Calicut
National Anthem		
Tea Break & Networking		

Schedule - Day 2

DAY 2 (30-05-2025)		
TIME	TOPIC	SPEAKER
Session 1: Institutional Onboarding to I-STEM Portal		
10.00 am – 11.30 am	Presentation and demo of I-STEM Portal for Institutional onboarding	I-STEM Team
11.30 am – 11.45 am	Tea Break	
Session 2: Equipment Listing and Operator Training		
11.45 am – 1.00 pm	Institution registration & Profile completion on I-STEM Portal	I-STEM Team
01:00 pm – 02:00 pm	Lunch	
02:00 pm – 03:00 pm	Equipment uploads and Equipment profile completion on I-STEM Portal	I-STEM Team
03:00 pm -04:00 pm	Equipment Booking Management Training for Equipment Operators	I-STEM Team
04:00 pm – 04:30 pm	Q & A	
04:30 pm – 05:00 pm	Closing Remarks and Feedback Collection	
05:00 pm onwards	National Anthem	
	Tea Break & Networking	



SCAN HERE TO REGISTER



SCAN HERE TO GIVE
US FEEDBACK

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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