SOUTH EAST ASIAN EDUCATION TRUST ®

S.E.A. COLLEGE OF ENGINEERING & TECHNOLOGY

(Approved by All India Council for Technical Education (AICTE), New Delhi , Accredited B++ by NAAC
Affiliated to Visvesvaraya Technological University (VTU), Belagavi, Recognized by Government of Karnataka)
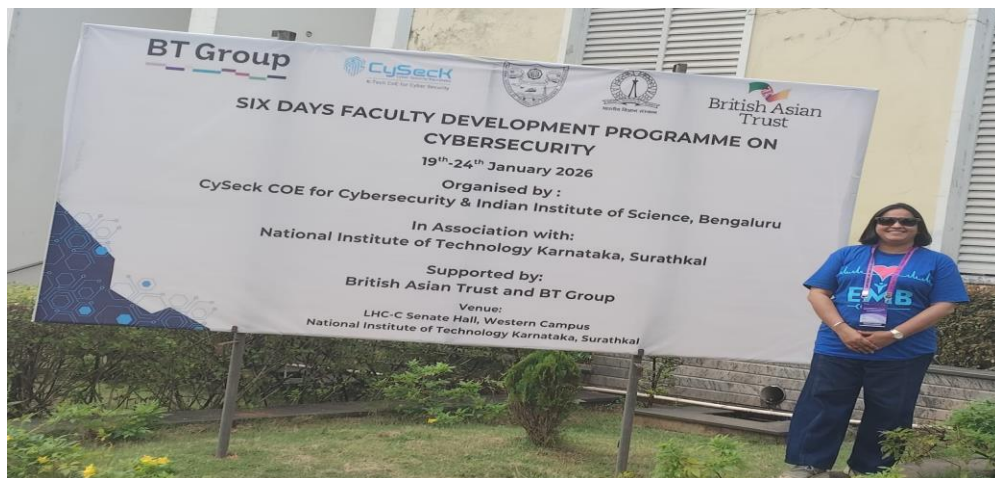
6 Days Residential Faculty Development Programme (FDP) on Cybersecurity held on 19th to 24th January 2026

Dr. Usha Desai, Professor & Dean (R&D), participated in a Six Days Residential Faculty Development Programme (FDP) on Cybersecurity held from 19th to 24th January 2026 at the **National Institute of Technology Karnataka (NITK), Surathkal.**

The programme was organised by CySeck Centre of Excellence for Cybersecurity in collaboration with the Indian Institute of Science (IISc), Bengaluru, and conducted in association with NITK Surathkal**.** The FDP was supported by British Asian Trust and BT Group, highlighting strong industry–academia collaboration.

The FDP focused on contemporary topics in cybersecurity, including cyber threats, secure systems, risk management, and emerging trends in cyber defence. The sessions were delivered by eminent experts from academia, research institutions, and industry, providing both theoretical insights and practical perspectives.

Participation in this FDP enhanced the understanding of advanced cybersecurity concepts and best practices, which will contribute to strengthening teaching, research, and institutional initiatives in cybersecurity and allied domains. The knowledge gained will be disseminated through academic activities, curriculum enrichment, and student mentoring at the college level.

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SIX DAYS RESIDENTIAL FACULTY DEVELOPMENT PROGRAMME ON CYBERSECURITY
19th - 24th January 2026
National Institute of Technology Karnataka (NITK), Surathkal - 575 025, Mangaluru Taluk, Dakshina Kannada, Karnataka, India

CERTIFICATE OF PARTICIPATION

This certificate is proudly presented to

Ms/Mrs _____ **Dr. Usha Desai** _____

from S.E.A College of Engineering and Technology, Bengaluru, has successfully completed the 6-day Residential Faculty Development Programme on Cybersecurity at National Institute of Technology Karnataka, Surathkal, Mangaluru. The program, held from 19th January 2026 to 24th January 2026, Comprised intensive, hands-on training, mentoring, and industry-aligned skill development in the cybersecurity domain.
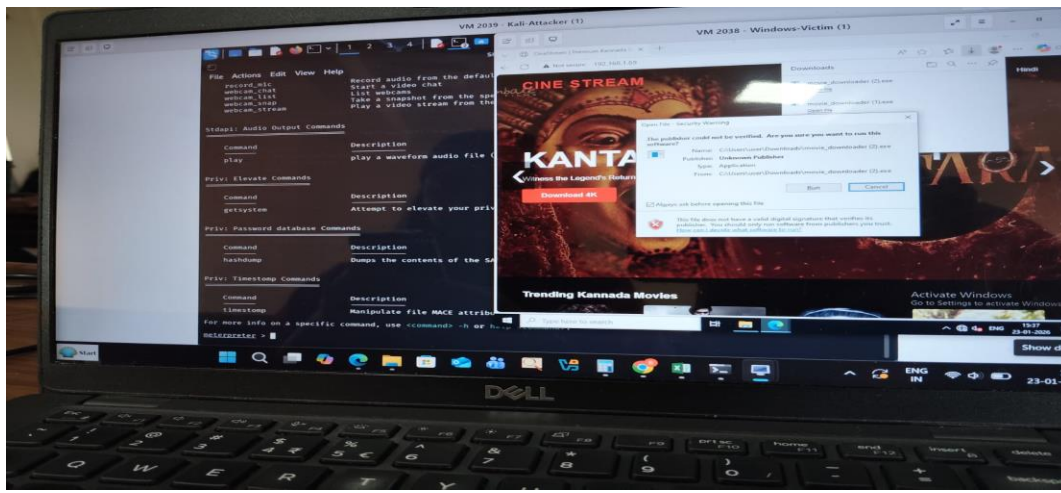
Prof. B. Ravi
Director,
National Institute of Technology
Karnataka, Surathkal

Haresh Dagale
PRS, ESE, IISc
& PI, BT-IISc CSR

Ranjeet Mishra
Centre Head
CoE CySecK

Certificate Unique Number: BT-IISc/FDP2/033
Certificate Issue Date: 24/01/2026

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Faculty Development Program

19th JAN to 24th JAN 2026 at NITK Surathkal

Resource Persons' Contact Information

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Faculty Development Program

19th JAN to 24th JAN 2026 at NITK Surathkal

Course Content

Day	Session	Time	Module	Instructor
Day 1 19/01/2026	Module 1	9.30 AM - 11:15 AM	Introduction to cybersecurity	Alwyn R Pais
	Tea Break	11:15 AM – 11:30 AM		
	Module 2	11:30 AM - 1:30 PM	Cryptography	Prof. Chaya Ganesh
	Lunch	1:30 PM – 2:15 PM		
	Module 3	2.15 PM – 3:45 PM	Hardware Security & Side-channel Analysis	Dr. Utsav Banerjee
	Tea Break	3.45 PM – 4:00 PM		
	Module 4	4.00 PM – 5:30 PM	Hardware Security Module, Secure boot, Embedded security	Dr. Purushothama B R
Day 2 20/01/2026	Module 5	9.30 AM - 11:30 AM	Identity and Access Management	Pooja Agarwal
	Tea Break	11:30 AM – 11:45 AM		
	Module 6	12:00 AM - 1:30 PM	Digital Forensics	Mahesh Vastrad
	Lunch	1:30 PM – 2:15 PM		
	Module 7	2.15 PM – 3:45 PM	OSINT tools	Mahesh Vastrad

Tea Break	3.45 PM – 4:00 PM			
Module 8	4.00 PM – 5:30 PM	Application of Digital Forensics	Mahesh Vastrad	
Day 3 **21/01/2026**	Module 9	9.30 AM - 11:00 AM	Security Operations	Priyanshu Kukkar
	Tea Break	11:00 AM – 11:15 AM		
	Module 10	11.15 AM - 12:45 PM	Threat Hunting Techniques	Priyanshu Kukkar
	Module 11	12:45 PM – 1:30 PM	Cyber Threat Intelligence (CTI) Lifecycle	Priyanshu Kukkar
	Lunch	1.30 PM – 2:15 PM		
	Module 12	2:15 PM – 3:45 PM	Telecom Security	Prof. Mahendra Pratap
	Tea Break	3.45 PM – 4.00 PM		
	Module 13	4.00 PM – 5.30 PM	Bug bounty and CTF labs	Samarth Bhat
Day 4 **22/01/2026**	Module 14	9.30 AM - 11:30 AM	Anomaly Detection using Machine Learning	Prof. Chandramani Singh
	Tea Break	11:30 AM – 11:45 AM		
	Module 15	12:00 AM - 1:30 PM	Telecom Security	Samarth Bhat
	Lunch	1:30 PM – 2:15 PM		
	Module 16	2.15 PM – 3.45 PM	Hands-on session	Samarth Bhat

	Tea Break	3.45 PM – 4:00 PM		
	Module 17	4.00 PM – 5:30 PM	CTF Challenge	Samarth Bhat

Day 5 23/01/2026	Module 18	9.30 AM - 11:30 AM	Wireless Security	Prof. Abdul Wahid
	Tea Break	11:30 AM – 11:45 AM		
	Module 19	11:45 AM - 1:45PM	Embedded Security	Haresh Dagale
	Lunch	1:45 PM – 2:30 PM		
	Module 20	2.30 PM – 4:00 PM	Hands-on session	Haresh Dagale
	Tea Break	4:00 PM – 4:15 PM		
	Module 21	4.15 PM – 6:00 PM	Hands-on session	Haresh Dagale

Day 6 24/01/2025	Module 22	9.30 AM - 11:30 AM	Real world Scenarios & hands-on sessions	Venkatesh Sharma
	Tea Break	11:30 AM – 11:45 AM		
	Module 23	12.00 PM- 2.00 PM	Cloud security	Jayashree Naik
	Lunch	2:00 PM - 2:45 PM		
	Closing Ceremony	2:45 PM – 3.30 PM		