About the Course:

Due to the evolving cyber threat landscape, Next-generation cyber security is very crucial as traditional methods can't handle today's advanced, high-volume threats, requiring a proactive shift using AI, machine learning, and automation for real-time detection, faster response (Automated Detection & Response), and better resilience against sophisticated attacks. It moves beyond basic antivirus to predict, prevent, and adapt, integrating security with proactive threat intelligence, end point detection and response, zero trust architecture, behavioral analytics and AI/ML driven security solutions.

This course aims to equip the participants with a comprehensive understanding of next-gen cyber security solutions such as AI/ML driven security solutions, zero trust architecture etc. with the related application and challenges. The objective The objective is to facilitate the exchange of cutting-edge research findings, best practices, and emerging threats, to foster collaboration between researchers from academia, industry professionals, and government agencies to address critical security challenges, skill development and capacity building in the domains of next-gen cyber security and their applications in across various sectors.

Who can Attend

Faculty members from the academic institutes, universities, research scholars, UG/PG students, Industry professionals/ personnel/scientists working in public/ private/govt. organizations.

Resource Persons:

The resource persons will be from various NITs/IITs/NFSU etc.

Patron

Prof. (Dr.) Omprakash R. Jaiswal
(Director, NIT Goa)
Prof. (Dr.) Anupam Shukla
(Director, SVNIT Surat)

Coordinator(s)

Dr. Chirag Modi, NIT Goa
Dr. Sankita J Patel, SVNIT Surat
Dr. Bhavesh N Gohil, SVNIT Surat

Registration Details:

- Last date for registration: **15/02/2026**
- Registration confirmation: **18/02/2026**
- The confirmation of the participants will be sent through email only.
- There is no registration fee involved to attend the course. However, registration is mandatory to attend the course.
- Registration includes the access to all the session, refreshment, working lunch and attendee certificate only.
- No TA/DA will be provided.
- Limited accommodations are available in the Institute Hostel on a payment basis with prior request through mail.
- To register, please scan the QR code or click the link provided below.

https://faas.isea.app/formview/STC20251219LXTO

Information Security Education and Awareness (ISEA) Phase-III
Sponsored

Short-Term Course
on
Next-Gen Cyber Security

23– 27 February, 2026
(Hybrid Mode)

Jointly Organized
by

Dept. of Computer Science and Engg.
National Institute of Technology Goa
(NIT Goa)

&

Dept. of Computer Science and Engg.
Sardar Vallabhbhai National Institute of Technology Surat (SVNIT Surat)

About ISEA Phase-III

Information Security Education and Awareness (ISEA) is an initiative of Ministry of Electronics and Information Technology (MeitY), Government of India for generating human resources in the area of Information Security and creating general awareness on Cyber Hygiene/Cyber Security among the masses.

ISEA Project (started in 2005 and currently in its third phase since Oct. 2023 onwards) is aimed to create a robust training & certification mechanism for CISOs, Deputy CISOs, and Associate teams of CISOs/Aspirants, groom students towards products/solutions development through ideation & innovation activities, advance research & education in emerging/futuristic areas of Information Security, and build cyber-aware digital naagriks through mass awareness.

About NIT Goa

The National Institute of Technology Goa (NIT Goa) is a premier technical Institute of the region. NIT Goa was established in the year 2010 by an act of parliament (NIT act 2007) and it is declared as 'Institute of National Importance'. NIT Goa is an autonomous institute and functioning under the aegis of Ministry of human Resource Development (MHRD), Govt. of India. The campus is located at Farmagudi, Ponda approximately 29 km southeast of Panaji, the capital of Goa and it is a temporary campus. The Institute offers under Graduate courses in Five Engineering Departments: (1) Computer Science and Engineering (2) Electronics and Communication Engineering (3) Electrical and Electronics Engineering (4) Civil Engineering and (5) Mechanical Engineering. The Institute offers Post Graduate courses and Ph.D degree in three Engineering Departments: (1) Computer Science and Engineering (2) Electronics and Communication Engineering and (3) Electrical and Electronics Engineering. The Institute also offers Ph.D degree in Physics, Chemistry, Mathematics, Economics and English specialization.

About SVNIT Surat

The Institute was established as Sardar Vallabhbhai Regional College of Engineering & Technology (SVRCET) Surat in 1961 as one of the Regional Engineering Colleges (RECs) to impart technical education. The Institute had begun with offering Bachelor Degree Programmes in Civil, Electrical and Mechanical Engineering. The Government of India declared the Sardar Vallabhbhai Regional College of Engineering & Technology (SVRCET) Surat to Sardar Vallabhbhai National Institute of Technology (SVNIT) Surat with status of 'Deemed University' with effect from 4th December, 2002. With the enactment of National Institutes of Technology Act-2007, the Institute has been granted the status of 'Institution of National Importance' w.e.f. August 15, 2007. The Institute now offers eleven (11) B.Tech. Degree Programmes, twenty-one (21) M.Tech. Degree Programmes, three (03) Five Years Integrated M.Sc. Degree Programmes in Chemistry, Mathematics & Physics, One (01) Five Years Integrated B.Tech and M.Tech Degree Programme and Master of Business Administration in Business Analytics. Institute offers Doctoral Degree Programme in Engineering, Science, Management and English. Institute also offers M. Tech (R) in all the engineering disciplines. The Institute has been recognized by the Government of India as one of the centres for the Quality Improvement Programme for M.Tech. and Ph.D. Institute has also established the Centre of Indian Knowledge System and Centre for the Tribal Technology Development.

About CSE Department, NIT Goa

The Department of Computer Science and Engineering (CSE) of NIT Goa is started in 2010. It offers 4 years full time B. Tech. degree program, 2 years full time M. Tech. degree program and Ph.D. program in Computer Science and Engineering. The faculty members have expertise in the following areas: mobile computing, machine learning, e-Health, healthcare informatics, data mining, wireless sensor networks, information security, network security, key management, pattern recognition, pattern analysis, AI/ML, computer vision, speech technology, privacy and security, network protocols and wireless networks.

About CSE Department, SVNIT Surat

Department of Computer Science and Engineering offers B. Tech., M. Tech., M. Tech. (R) and Ph.D. degree. The department also offers B. Tech. Minor in Computer Science and Engineering for other discipline students. The department has various specializations like information security, data mining, social network analysis, cloud computing, privacy preserving, cyber security, image processing, computer vision, software engineering. The department has executed several research projects sponsored by different funding agencies. The department has state of art computing desktop PCs, blade servers and super nodes for high performance computing. The department also has aerial drones, wireless network simulator software and sensor motes.

Venue and How to Reach

The course will be conducted in hybrid mode at NIT Goa Campus which is located at Kottamoll Plateau, Cuncolim Municipal Area, Salcete Taluka, South Goa District, Goa – 403703.

By Air: Dabolim Airport in Vasco, is at a distance of around 38 km from the Institute. Manohar International Airport in Mopa, is at a distance of around 77 km from the Institute

By Rail: The closest major railway station is 'Madgaon Railway Station' which is around 15 km from the institute.

Address for Correspondence

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