About Workshop:

Ethical hacking has become an essential component of cyber security in today's IT-driven world. This workshop aims at exploring ethical hacking methodologies and tools through hands-on trainings for cyber security in different technologies. It will cover fundamentals of ethical hacking and cyber security with the advanced methodologies and tools. During this workshop, the participants will learn about the entire ethical hacking process through hands-on sessions. The participants will develop an excellent understanding of current cyber security issues and an expertise to address them. The major topics (but not limited) of this workshop are as follows:

- Ethical hacking and cyber security basics
- Malware creation and implementation with ethics and for education purpose
- Active and passive attacks on networks, systems, web applications, servers, etc. and their countermeasures
- Security concerns with Blockchain and Metaverse
- Evasion of security solutions
- Hands-on using Kali Linux and Metasploit
- Ethical hacking and cyber security tools

Who can attend:

Faculty members from the recognized institutes, universities, research scholars, UG/PG students and industry personnel working in the concerned/allied discipline.

Resource Persons:

The resource persons will be from NIT Goa, NFSU, NITK Surathkal etc.

Patron

Prof. Omprakash R. Jaiswal
(Director, NIT Goa)
Prof. Naveen Kumar Chaudhary
(Director, NFSU, Goa Campus)

Coordinator(s)

Dr. Chirag Modi, NIT Goa
Dr. Lokesh Chouhan, NFSU Goa
Dr. Purushothama B R, NITK Surathkal

Registration Details:

Last date for registration: **20/05/2024**
Selected participants will be informed through E-mail.

Registration Fees:

Participant Category	Phase-I or Phase-II	Phase-I and II
Academia/ Researchers	5000/-	8000/-
Students	3000/-	5000/-
Industry Persons	8000/-	10000/-

Link for registration fee payment:

https://pmny.in/grG5Up1lCvEr

After paying the registration fee, participants are requested to complete online registration process by filling details at below link.

https://forms.gle/LnSDxYEQCxcwVQN96

In remarks, please mention "EHCS 2024 Registration Fee". UG/PG/Research scholars have to attach bonafide certificate or photocopy of their valid identity card along with registration form.

Two Weeks Hands-on Workshop on

Ethical Hacking and Cyber Security

Phase I: 10– 14 June, 2024
Phase II: 17-21 June, 2024

Jointly Organized By

Dept. of Computer Science and Engg.
National Institute of Technology Goa
Cuncolim, Salcete, Goa - 403703
&
National Forensic Sciences University (NFSU) - Goa Campus
Opp. Goa Dairy Curti, Ponda, Goa – 403401

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 NFSU Goa

The transit campus of NFSU Goa is located in the picturesque town of Ponda. Hon'ble Union Minister of Home Affairs, India inaugurated NFSU Goa Campus on 14 October 2021 and within a short span of time, the Campus started functioning as a full-fledged Academic Institution. NFSU Goa is offering four specialised academic programmes in the niche areas of Forensic Sciences and Cyber security, namely- Integrated B.Sc.-M.Sc. Forensic Science (5-Years), M.Sc. Forensic Science, M.Sc. Digital Forensics and Information Security and M.Sc. Cyber Security. Besides Academic programmes, the Campus is also organising training programmes to promote 'Forensic Best Practices' in the western region and Goa state in particular.

As a part of the focus, driven approach and raise awareness International Conferences, Symposiums and Workshops in the relevant niche areas of Forensic and allied sciences are being regularly organized by the Campus. The vision is to develop NFSU Goa Campus as a "Centre of Excellence" offering education and research opportunities of very high standards in Forensic & allied Sciences, thereby creating conducive ambience and atmosphere for intellectual stimulation, and develop the overall personality of the students, instilling high levels of discipline. The Campus strives to set global standards to make students technologically superior and ethically strong.

About CSE Department

The Department of Computer Science and Engineering (CSE) of NIT Goa is one of the founding departments of the institute, 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 of CSE department have expertise in the following areas: mobile computing, context-aware computing, machine learning, mobile virtual communities, data mining, healthcare informatics, wireless sensor networks, information security, network security, cryptography, cloud security, key management, content based information retrieval, pattern recognition, kernel methods for pattern analysis, machine learning, artificial neural networks, computer vision, speech technology, algorithms, computational intelligence, privacy and security, network protocols, blockchain and wireless networks.

Address for Correspondence

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How to Reach NIT Goa

NIT Goa Campus is located at Kottamoll Plateau, Cuncolim Municipal Area, Salcete Taluka, South Goa District, Goa - 403703.

By Air: Dabolim Airport in Vasco, caters to domestic and international airlines. It is at a distance of around 38 km from the Institute.

Manohar International Airport in Mopa, it 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.

Important Notes

- Hostel accommodation will be provided based on prior request on a payment basis (not included in the Registration Fee).

- Registration fees include access to all sessions, material, refreshment & working lunch every day.

- Number of participants for the workshop will be limited to 60 and will be selected on first come first serve basis.

- The certificates shall be issued to those participants who are registered for the workshop and attend the same with minimum 80% attendance.