DEPARTMENT OF SCIENCE & TECHNOLOGY

|| विद्या सर्वस्य भूषणम् ||

SATERI PISANI EDUCATION SOCIETY'S
Shri. Gopal Gaonkar Memorial,

GOA MULTI-FACULTY COLLEGE

Dharbandora - Goa

DEPARTMENT OF IT & COMPUTER APPLICATIONS PRESENTS

TWO DAY NATIONAL WORKSHOP

CYBER SECURITY & ETHICAL HACKING: FROM FUNDAMENTALS TO LIVE PENETRATION TESTING

IN COLLABORATION WITH

DEPARTMENT OF SCIENCE, TECHNOLOGY AND WASTE MANAGEMENT
GOVT. OF GOA

VENUE PARTNER

DIRECTORATE OF ART AND CULTURE
GOVT. OF GOA

DATE: 13TH-14TH MARCH 2026
TIME: 9:00 AM TO 5.00 PM

VENUE: MULTI-PURPOSE HALL, GROUND FLOOR, SANSKRUTI BHAVAN, PATTO-PANJIM GOA

ABOUT COLLEGE

SPES's Goa Multi-Faculty College, Dharbandora!

SPES's Goa Multi-Faculty College, Dharbandora, is a premier institution and the sole degree college in Dharbandora Taluka. Established in 2013, it offers BBA, B.Com, and BCA programs, fostering academic excellence through innovative pedagogy. Catering to approximately 450 students annually, many from mining regions and first-generation learners, the college is dedicated to socio-economic upliftment. With a mission to provide affordable, high-quality education, it empowers underprivileged students while welcoming learners from diverse backgrounds. The institution emphasizes holistic development, professional growth, and skill enhancement. Its alumni have excelled in various fields, holding esteemed positions across Goa and beyond. Committed to academic rigor and inclusivity, the college continues to shape future leaders and contribute meaningfully to society.

ABOUT WORKSHOP

The Two-Day National Level Workshop on "Cyber Security & Ethical Hacking: From Fundamentals to Live Penetration Testing" is an intensive, practice-oriented program designed to equip participants with essential knowledge and real-world skills in the rapidly evolving domain of cyber security. In today's digital landscape, where cyber threats are becoming increasingly sophisticated, understanding both defensive mechanisms and ethical hacking techniques is crucial for aspiring professionals and technology enthusiasts.

This workshop is structured to provide a progressive learning experience—beginning with fundamental concepts of cyber security, threat landscapes, and ethical responsibilities, and advancing toward live penetration testing practices within a secure lab environment Hands-On Cyber Security Workshop. Participants will gain hands-on exposure to web application security testing, vulnerability assessment, password security analysis, and network traffic monitoring using industry-standard tools such as Nmap, Metasploit, Wireshark, Nessus/OpenVAS, and Hashcat.

The program emphasizes experiential learning through guided demonstrations, live attack simulations, and supervised practice sessions. In addition to technical training, the workshop offers insights into global certifications, career pathways in Ethical Hacking, VAPT, and SOC roles, along with guidance on skill development and professional growth.

Open to students, graduates, working professionals, and beginners with an interest in cyber security, this National-level initiative aims to foster competent, responsible, and industry-ready cyber defenders. By the end of the two days, participants will have developed a strong conceptual foundation, practical exposure to penetration testing methodologies, and a clear roadmap for building a career in cyber security.

RESOURCE PERSON

MR. DINESH PARANTHAGAN

CEO & FOUNDER OF HACKUP TECHNOLOGY | CYBER SECURITY EXPERT | EC-COUNCIL CERTIFICATION PARTNER | 11+ YEARS IN ETHICAL HACKING, VAPT & SOC SOLUTIONS | GLOBAL CONSULTANT & EDUCATOR

ORGANISING TEAM

Mrs. Sadischya G. Gaunker,
Chairperson
Chief Patron

Prof. (Dr.) Shaikh M. Parvez Al-Usmani
Professor & Principal

Ms. Nilaxi Chari
Asst. Professor
(Convenor)

Ms. Milan Gaonkar
Asst. Professor
(Jt. Convenor)

Mr. Sandesh Gaonkar
Asst. Professor
Teacher in-charge, BCA

Dr. Nisha Sawant
Asst. Professor
Member

Ms. Vaibhavi L.
Asst. Professor
Member

KEY HIGHLIGHTS

Become a Skilled Ethical Hacker

This intensive practical workshop is designed to provide real-world exposure to ethical hacking and cyber security tools. Participants will gain hands-on experience in identifying, analyzing, and mitigating security vulnerabilities.

Workshop Highlights

- Web Application Penetration Testing (SQL Injection, XSS, OWASP Top 10)
- Vulnerability Scanning using industry tools
- Password Cracking Techniques (Brute Force, Hash Analysis)
- Secure VPN-Based Lab Access for live practice
- Network Security Tools & Traffic Analysis
- Introduction to Bug Bounty & Responsible Disclosure

Practical Tools To be Covered

- Nmap
- Metasploit
- Wireshark
- Nessus / OpenVAS
- Hashcat / Hydra

Career Guidance & Roadmap

Participants will receive:

- Step-by-step roadmap to become an Ethical Hacker
- Guidance on building technical skills from beginner to advanced level
- Resume building and interview preparation tips
- LinkedIn and portfolio development advice

SCHEDULE

Day 1 – 13th March 2026, Friday

Time	Session
9.00 am. -9.45 am.	*Registration*
9.45 am. -10.15 am.	*Inaugural Function*
10.15 am. -11.15 am.	Session 1: Cyber Threat Landscape 2026 + AI in Cyber Security + Lab Setup (Kali / VM)
11.15 am. -11.30 am.	*Tea Break*
11.30 am. -1.30 pm.	Session 2: Network Scanning & Enumeration (Nmap, Wireshark)
1.30 pm. -2.15 pm.	*Lunch Break*
2.15 pm. -3.30 pm.	Session 3: Web Application Pentesting, Bug Bounty
3.30 pm. -3.45 pm.	*Tea Break*
3.45 pm. -5.00 pm.	Session 4: Digital Forensics, Report Writing + Live Attack Demonstration + Q&A

Day 2 – 14th March 2026, Saturday

Time	Session
9.45 am. -11.00 am.	Session 1: Malware analysis
11.00 am.-11.15 am.	*Tea Break*
11.15 am. -1.15 pm.	Session 2: Pre Vulnerable platform Capture The Flag (CTF) – HackTheBox / PortSwigger Guided Lab
1.15 pm. -2.00 pm.	*Lunch Break*
2.00 pm. -3.45 pm.	Session 3: Social Media Security , Career Roadmap in Cyber Security (CEH, OSCP, SOC, Pentester roles)
3.45 pm. -4.00 pm.	*Tea Break*
4.00 pm. -4.30 pm.	*Valedictory Function*

ELIGIBLE PARTICIPANTS

- **College Students -IT & Non-IT Graduates**
- **Working Professionals, Research Scholars**
- **Beginners interested in Cyber Security**

REGISTRATION DETAILS

REGISTRATION LINK

Link: https://forms.gle/FxgUgKdTFphqVYkw7

Registration is on First Come First Serve Basis. Only 100 Seats Available!

Last Date to Register: 10th March 2026

REGISTRATION FEES

PARTICIPANTS FROM GOA
STUDENTS: ₹ 400/-
FACULTY: ₹1000/-
RESEARCH SCHOLAR: ₹ 800/-

PARTICIPANTS FROM OTHER STATES
STUDENTS: ₹ 600/-
FACULTY: ₹1000/-
RESEARCH SCHOLAR: ₹ 900/-

PAYMENT DETAILS

BANK ACCOUNT NAME : S.S.P.E.S GOA MULTI-FACULTY COLLEGE A/C ADMINISTRATIVE FEES

BANK NAME: PUNJAB NATIONAL BANK
BRANCH: PONDA - GOA
BANK ACCOUNT NO.: 15712191009114
MICR CODE: 403024017
IFSC CODE: PUNB0157110

Note for participants from other state: Kindly confirm your participation at the earliest for accommodation on concessional rates (if required).