

## ABOUT CoE in CS Dept at Sphoorthy:

Centre of Excellence in Cyber Security at Sphoorthy Engineering College has established in the year (2022) with an objective of giving training to students and faculty, to facilitate cyber security and defense mechanisms, research and innovation by fulfilling the gaps in the field of cyber security and digital forensics.

### Eligibility:

Students from our college with any branch are eligible to participate. Selection process will be based on the first come first serve basis.

### Registration:

The registration fee for the course is Rs. 250/- (Rs. Two hundred and fifty rupees only), to be paid through online. Certificates will be issued on successful completion of the course.

### Resource Person:

Mr. Ajith Menon, Project Engineer (Information Security Services), C-DAC Hyderabad.

### How to Apply:

Interested participants have to submit the google form on or before 05/05/23.

<https://forms.gle/iMQGNXQxhDBKCCjw8>

### Chief Patron :

Mr. S. CHALAMA REDDY

Chairman, Sphoorthy Engineering College

### Patron:

Mr. S. JAGAN MOHAN REDDY

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Sphoorthy Engineering College

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Sphoorthy Engineering College

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Shri HOLYDHAR REDDY

Sphoorthy Engineering College

### Convenor:

Mrs. M. SWARNA LATHA

HOD Cyber Security, SPHN



**CYBER SECURITY**



## THREE DAYS WORKSHOP ON CYBER SECURITY & ETHICAL HACKING

June 7th to 9th  
2023

(Offline)

VENUE :  
SPHOORTHY ENGINEERING COLLEGE,  
at S.V. Block, R&D Lab

Organized by  
**DEPT OF CYBER SECURITY**

[www.sphoorthyengg.ac.in](http://www.sphoorthyengg.ac.in)

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## Day 1:

Topic: Introduction to Cybersecurity and Ethical Hacking

Module 1: Introduction to Ethical Hacking

Module 2: Footprinting and Reconnaissance

Open Source Intelligence and Techniques

Module 3: Scanning

Module 4: Enumeration

Module 5: System Hacking

Module 6: Sniffing

## Day 2:

Topic: Penetration Testing and Ethical Hacking Techniques

Module 7: Hacking Web Servers

Module 8: Hacking Web Applications

Module 9: Hacking Wireless Networks

Module 10: DDoS and DoS Attacks

Module 11: Malware

Module 12: Social Engineering

Module 13: Denial of Service

Module 14: Session Hijacking

## Day 3:

Topic: Advanced Techniques and Web Application Security

Module 15: Web Server and Application

Module 16: SQL Injection

Module 17: Hacking Wi-Fi and Bluetooth

Module 18: Mobile Hacking and Security

Module 19: IDS, Firewall, and Honeypots

Module 20: IoT, Cloud, and Cryptography

Module 21: Web Application Penetration Testing

Module 22: Report Creation

## For More Details:

**Dr. SUBBARAO KOLAVENNU**

Professor, Cyber Security, Sphoorthy Engineering College

Ph.No: 7569686540

**Dr. D. SASIKUMAR**

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# SPHOORTHY ENGINEERING COLLEGE