



Learn Beyond

**KPR Institute of Engineering and Technology**

(Autonomous, NAAC "A")

Avinashi Road, Arasur, Coimbatore.

**Phone:** 0422-2635600

**Web:** kpriet.ac.in

**Social:** kpriet.ac.in/social

**CS031**

**NBA Accredited**  
(CSE, ECE, EEE,  
MECH, CIVIL)

**INTERSHIP CAMP ON CYBER SECURITY AND ETHICAL HACKING**

|                              |                                   |
|------------------------------|-----------------------------------|
| <b>Event No</b>              | CS031                             |
| <b>Organizing Department</b> | Computer Science and Engineering  |
| <b>Date</b>                  | 23/06/2023 to 24/06/2023 (2 Days) |
| <b>Time</b>                  | 09:07 AM to 04:05 PM              |
| <b>Event Type</b>            | Alumni Activity                   |
| <b>Event Level</b>           | Dept. Level                       |
| <b>Venue</b>                 | GV Lab                            |
| <b>Total Participants</b>    | 18                                |
| <b>Students - Internal</b>   | 18                                |

Related SDG



Resource Persons

| SI | Type            | Name         | Designation      | Company             | Email                 | Phone      |
|----|-----------------|--------------|------------------|---------------------|-----------------------|------------|
| 1  | Resource Person | Selva Ganesh | Network Engineer | Netcon Technologies | selvaganesh@hmail.com | xxxxxxxxxx |

Involved Staffs

| SI | Name        | Role        |
|----|-------------|-------------|
| 1  | Saravanan M | Convenor    |
| 2  | Primya T    | Co-convenor |

Outcome

Understand the mindset and techniques employed by hackers and enable you to implement effective countermeasures to protect systems. Able to implement security measures to protect Windows-based systems effectively. Explore countermeasures and preventive measures to protect against Trojan infections and mitigate their impact. Acquire a comprehensive understanding of system hacking methodologies, steganography, Windows OS security, operating system attacks, and Trojan analysis.

Event Summary

- Ø Understand the nature of these threats and enable you to implement effective countermeasures.
- Ø Learnt about DDoS attack tools and techniques. Furthermore, you will understand countermeasures to defend against DoS and DDoS attacks, such as traffic filtering, rate limiting, and network monitoring.
- Ø Gain insights into cybersecurity planning, risk assessment, and developing strategies to mitigate potential threats.
- Ø Acquire a comprehensive understanding of viruses, malware, packet sniffing, social engineering, DoS/DDoS attacks, and associated countermeasures.
- Ø Student can able to understand the characteristics, advantages, and use cases for each type of network.
- Ø Understand popular MAC protocols like Ethernet and Wi-Fi, as well as LLC protocols like HDLC (High-Level Data Link Control) and LLC2 (Logical Link Control Type 2).
- Ø Learnt the process of data encapsulation and decapsulation as it moves through the network stack.
- Ø Students understand the different types of firewalls, such as packet-filtering firewalls, stateful firewalls, and application-level gateways.
- Ø Learnt how to choose the appropriate MAC protocols and network types for efficient and secure data transmission.
- Ø Gain insights into optimizing network performance by understanding the impact of different protocols and network layers on data transmission speed, reliability, and efficiency.
- Ø Overall provides with a comprehensive understanding of different network types, MAC and LLC protocols, and networking layers.
- Ø Gain experience in configuring network interfaces, assigning IP addresses, and establishing connectivity between nodes using different networking technologies and protocols.
- Ø Understand the role of servers in providing centralized resources and services to client nodes.
- Ø Learnt how to configure firewall rules and policies to control and monitor network traffic.



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Learn Beyond (Autonomous, NAAC "A")  
DEPARTMENT OF CSE organizes  
**EXPERT TALK ON  
LOW CODE NO CODE APPLICATION PLATFORM**

11:00 AM TO 12:30 PM  
14 July, 2023  
LEGEND HALL

CONVENER  
PROF. DR.N.YUVARAJ, HoD-CSE

COORDINATORS  
Dr. NISHA SOMS, ASP/CS  
Mr. NAVEENKUMAR H,AP/CS

**Mr. ANANTH. S**  
CO-FOUNDER  
MAHAT LABS PVT.LTD.

**Ms. SENTHAMARAI. K**  
COURSE COORDINATOR  
MAHAT LABS PVT.LTD.

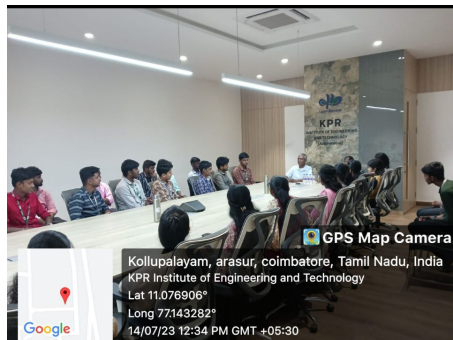
Guest Speakers

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