

# **CYBERNERDS CLUB**

## **ABOUT OUR CYBER SECURITY PROGRAMME:**

Department of Computer Science and Engineering collaboration with IBM offers B.Tech CSE in Cybersecurity. The students are given exposure to the latest trends in technology, through workshops, guest lectures, and seminars. It focuses on training, developing, and strengthening the practical application of cyber security, encompassing the process and technology elements of cyber threat detection and mitigation. The department offers many value-added educational programs and Certification programs to the students including CCNA, Security+, Java, and RedHat Linux Certifications.

## **ABOUT CYBERNERDS:**

In today's digital world, everyone and everything has to be secure which brings in the importance of cyber security. All the latest technologies depend on the cybersecurity field so the world is understanding its importance and moving towards achieving a safe digital world.

The CYBERNERDS club will help in learning and implementing the skills needed for achieving the digital safety and security of an individual and also help in gaining hands-on technical experience about how real-world cybersecurity works.

## **OBJECTIVES OF THE CLUB:**

The main aim of the club is to fill in the skills needed for real-world cyber security needs. This will provide outside-of-class activities relevant to the industry and the attendees will leave with valuable experience that has proven useful during interviews and jobs.

- Conduct interactive demonstrations with different tools on network security, penetration testing, reverse engineering, etc.
- To educate the general cyber security awareness needed for every individual in the digital world
- To present interactive demonstrations using Vuln-web applications and make the students use different tools and resources.
- To demonstrate the experts' approach to a problem through different platforms like youtube and others.

- Help the students master all tools through a hands-on session and different competitions.

### **Club Activities Planned**

- Participate in various college technical and online events and represent our college through the club.
- Host workshops and technical events in the institute for skill development and experience.
- Get membership in professional societies relevant to the club.

### **CHIEF PATRONS**

Dr K.Sridharan, *Chancellor, KARE*

Dr S.Shasi Anand, *Vice-President Academics, KARE*

Dr.V.Vasudevan Registrar, KARE

Mr.S.Arjun Kalasalingam, *Vice-President Administration, KARE*

Dr.S.Arivazhagi, *Pro Chancellor, KARE*

### **ORGANISING CHAIR**

Dr P.Deepalakshmi, *Dean SOC/KARE*

Dr N.C.Brintha, *Charter Official & Faculty Coordinator*

### **CLUB MEMBERS-FACULTY**

Dr J.Subhashini, *Assistant Professor/CSE, KARE*

Dr V.Anusuya Devi, *Associate Professor/CSE, KARE*

Dr M.Raja, *Associate Professor/CSE, KARE*

Mr R.Rajasekar, *Assistant Professor/CSE, KARE*

Mr M.Ponsuresh, *Assistant Professor/CSE, KARE*

Mr M.K.Nagarajan, *Assistant Professor/CSE, KARE*

Mr M.Sankara Mahalingam, *Assistant Professor/CSE, KARE*

Ms E.Indhuja, *Assistant Professor/CSE, KARE*

### **CLUB MEMBERS-STUDENT**

Mr V.Yashwanth, *President*

Ms Pavithra K, *Vice President*

Mr G.Likith, *Treasurer*

Mr T.Rajesh, *Secretary*

Mr Geethan Amarthiya, *Event Management*

Ms T.Shreya, *Stage Management*

Mr.K.Mujahid, *Hall Management*

Mr S.S.Harish Babu, *Hall Management*

Ms M.Shalini, *Marketing Management*

Mr.V.Venu, *Student Coordinator*  
Mr K.Tejonath, *Student Coordinator*  
Mr B.Shyam, *Student Coordinator*  
Mr C.Althaf, *Student Coordinator*  
Mr C Seshu, *Student Coordinator*  
Ms.R.B.Shamuruthi, *Student Coordinator*

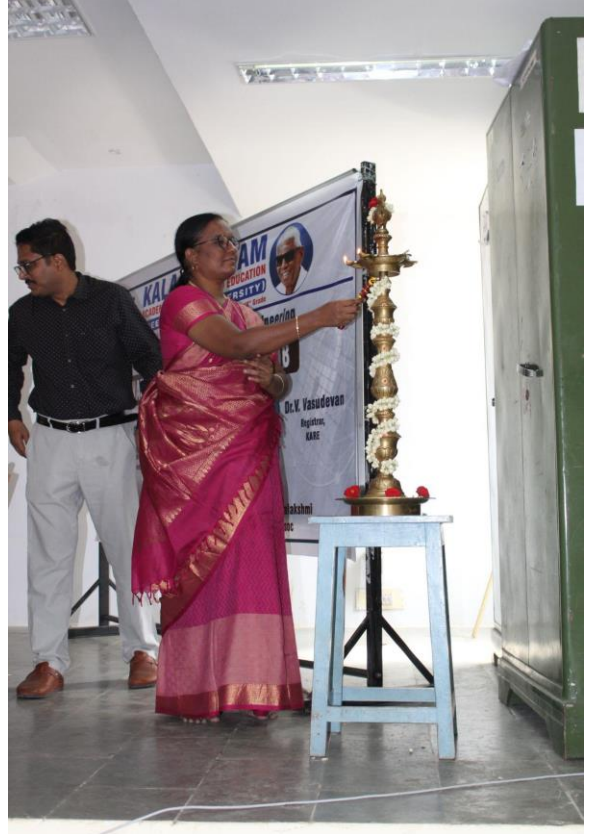
**LinkedIn page:** [https://in.linkedin.com/in/klu-cybernerds-879489254?original\\_referer=](https://in.linkedin.com/in/klu-cybernerds-879489254?original_referer=)

**Instagram page:** [https://instagram.com/kare\\_cybernerds?igshid=MTIzZWQxMDU=](https://instagram.com/kare_cybernerds?igshid=MTIzZWQxMDU=).

**Email:** [klucybernerds@gmail.com](mailto:klucybernerds@gmail.com).

### **Event 1: Club Inauguration**

The club inauguration program was conducted on 20.10.2022. The inauguration started with the prayer song. Dr N.C.Brintha, Program Coordinator and the faculty coordinator of the Club delivered her cordial welcome address. Dr P.Deepalakshmi, Dean/SOC honoured the chief guest and gave a summary of the programme. The Prestigious part of our inauguration, Dr S. Shashi Anand, Vice President/KARE, presided over the event and in his address, he mentioned the importance of practical implementation of the learned concepts. **Mr ArunKumar Selvaraj** Strategy Business Lead and Global Head, Security and Compliance, Tata Consultancy Services. presented the keynote address.



## **Event 2: Workshop**

On October 20th, 2022, a Workshop was conducted on the topic of "Cyber Resilience" at Seminar Hall-8 in Block 8 of the venue. The main objective of the seminar was to create awareness about the importance of cyber resilience in today's world where cyber-attacks are becoming increasingly common. The seminar also aimed to educate attendees about the best practices and techniques for building cyber resilience in organizations and individuals.

The seminar began at 2:00 PM and lasted until 5:00 PM. The event started with a welcome address from the organizer, who introduced the keynote speaker, a cyber security expert from a leading IT firm. The keynote speaker delivered a comprehensive presentation on cyber resilience, covering various aspects of the topic, such as the current state of cyber threats, the importance of building cyber resilience, and the strategies and tactics for achieving cyber resilience.

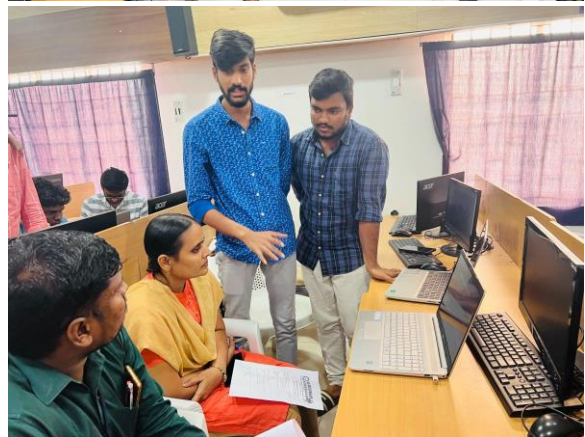
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### **Event 3: Cyber Technex**

Event 3, **Cyber Technex**, featured two exciting competitions. In the *'Poster Presentation'* competition, participants showcased their creativity by designing posters on cybersecurity topics. The *'Solve it Out'* competition challenged participants to use different techniques and tools to solve given problem statements.



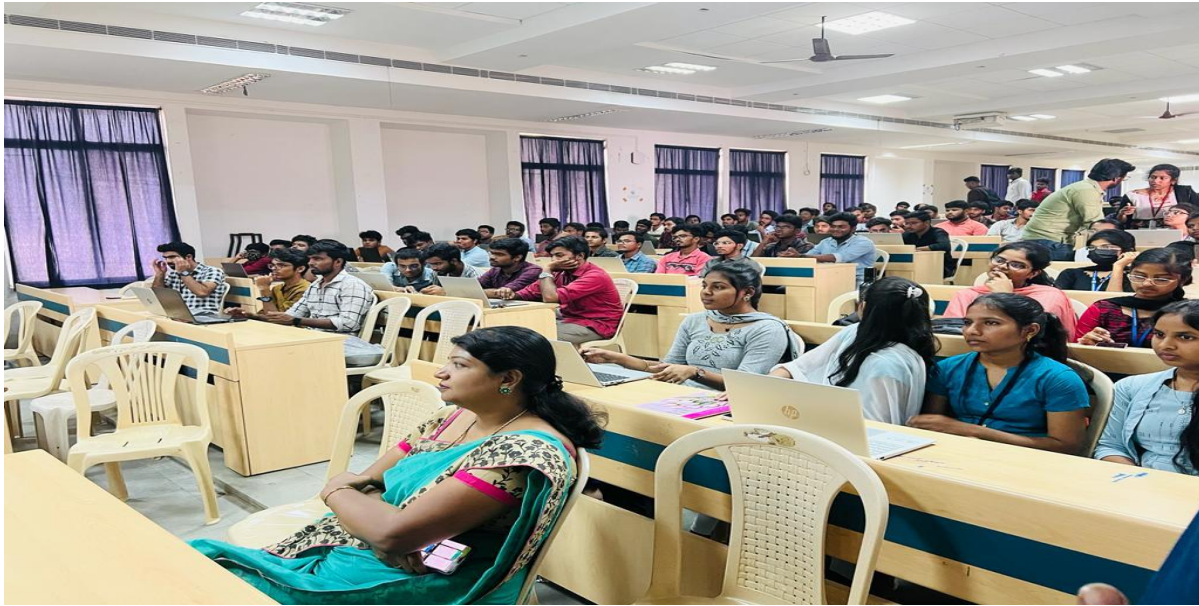
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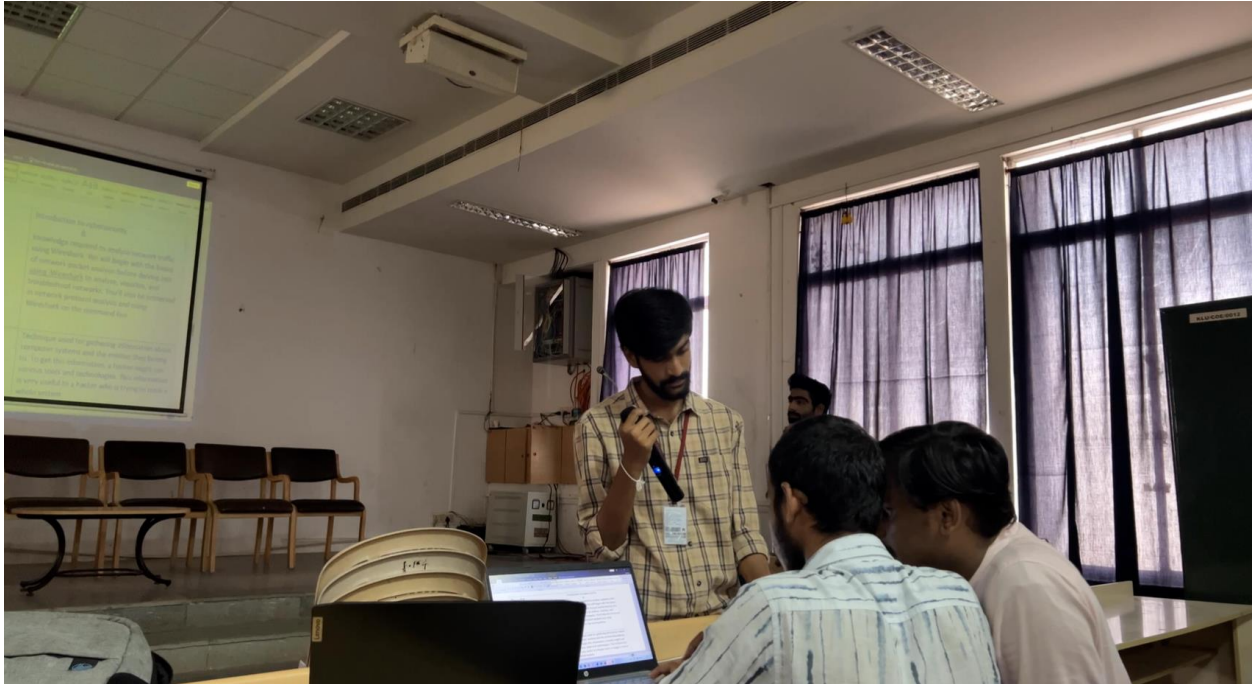
#### **Event 4: Cyber Workshop 4.0**

Event 4 was a four-day Cyber Workshop 4.0 that covered a range of topics related to cybersecurity.

**Day 1:** Introduction to cybersecurity and knowledge required to analyse network traffic using Wireshark. We will begin with the basics of network packet analysis before delving into using Wireshark to analyse, visualize, and troubleshoot networks. You'll also be immersed in network protocol analysis and using Wireshark on the command line.



**Day 2:** Techniques used for gathering information about computer systems and the entities they belong to. To get this information, a hacker might use various tools and technologies. This information is very useful to a hacker who is trying to crack a whole system. We will cover Google Dorks, Nmap, Recon-ng, Nslookup, and Maltego.



**Day 3:** Vulnerability Assessment and Penetration Testing (VAPT), identifying different vulnerabilities present in the network, applications, and existing cybersecurity measures. We will cover Nessus, Nitko, and OWASP ZAP.





**Day 4:** Bug Bounty Hunting, Hot Quiz, and Cyber Debate.

We believe that this workshop will provide valuable information and resources to students to help them stay safe and secure in the digital world. This will enable to learn how to test for security vulnerabilities on web applications with our various real-life web applications and begin to gain the confidence needed to apply your newly found knowledge on bug bounty programs.

