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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Report on Cyber Security



Organized by IEEE Student Branch, KSSEM

In association with IEEE Bangalore section.

Topic: Technical Talk on Cyber Security

Date of event: 12th July 2024.

Venue: Aryabhata Seminar Hall, Dept of ECE, KSSEM

Number of participants: 80

Targeted Audience: 2nd year ECE students

The Department of Electronics and Communication with IEEE Student Branch organized a Technical Talk on "**Cyber Security**" for 4th semester ECE students. The Technical Talk was led by the Rubixe Vice President **Mr Ram Kumar V** and Cyber Security expert **Syeda Thasnim Fathima**, Dr. K. Senthil Babu, Professor and Head of the Department of Electronics and Communication, graced the occasion.

Introduction to Rubixe

Rubixe is a global technology company specializing in disruptive technologies – Artificial Intelligence (AI), Machine Learning, Robotic Process Automation (RPA), Block Chain and Internet of Things (IoT). Rubixe mission to enable businesses to leverage the full potential of disruptive technologies to stay competitive in the market.



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Started in 2008, providing technology solutions based in the Netherlands, founders of Rubixe™ have gained expertise in cutting-edge technology through delivering several smart city solutions for European Commission (EC) projects.

Introduction to Cyber Security

Cyber Security is the technique of protecting your systems, digital devices, networks, and all of the data stored in the devices from cyber-attacks. By acquiring knowledge of cyber attacks and cyber security we can secure and defend ourselves from various cyber attacks like phishing and DDoS attacks. It uses tools like firewalls and antivirus software to protect your devices from hackers and malware.

What is Cyber security all about?

Cyber Security is important because the government, corporations, and medical organizations, collect military, financial, process, and store unprecedented amounts of data on a computer and other properties like personal information, and this private information exposure could have negative consequences.

Photo Gallery



Fig 1. Speaker Ram Kumar V Addressing the Audience



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Fig 2. Speaker Syeda Thasnim Fathima Addressing the Audience



Fig 3. Guest Speaker, Faculties and Students present in the Event

Malware means malicious software. One of the most common cyber threats, malware is software that a cybercriminal or hacker has created to disrupt or damage a legitimate user’s computer. Often spread via an unsolicited email attachment or legitimate-looking download, malware may be used by cybercriminals to make money or in politically motivated cyber-attacks.

Coordinator

Signature of HoD, ECE