



Koneru Lakshmaiah Education Foundation

(Category -1, Deemed to be University estd. u/s. 3 of the UGC Act, 1956)

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Guest Lecture on “CYBERSECURITY”

The department of CSE-Honors, KLEF, has organized a guest lecture on “Cybersecurity” for Y21 KLEF students, as shown in the details below.

Date and Time: 11-07-2023 from 11.10 AM to 12.50 PM

Venue: Sunflower Hall, KLEF

Resource person:

Dr.Saraju Mohanty,
Professor,
University of North Texas,
USA.

Topic : Cyber Security

The training was conducted on 11-07-2023 from 11.10 AM to 12.50 PM. The speaker threw light upon the topic and informed the students about the top 10 threats that can turn problematic if not controlled timely. Cyber or Cyber Security threat is a malicious act that seeks to damage data, steal data, or disrupt digital life in general. Cyber threats include computer viruses, data breaches, Denial of Service (DoS) attacks, and other attack vectors. The speaker explained what the popular threats

like Malware are, Phishing, Man in the middle attack that are carried out, and what are the different options for maintaining a strong password. Live interaction was carried out which also included question answers sessions related to mobile and site hacking.





Outline

- Internet of Things (IoT)
- Security and Privacy Challenges
- Introduction to Cryptography
- Introduction to Watermarking
- Hardware Assisted Security
- Physical Unclonable Functions (PUF)
- Blockchain
- Conclusion