ICFAI® UNIVERSITY
JAIPUR

Workshop Report of Ethical Hacking

Session date: 2ⁿᵈ and 3ʳᵈ March 2022

Target Program/Batch: BCA/B.Tech (All Streams)
Registered Students: 80
Speaker: Mr. Sangeet Chopra
Type of session: Workshop.
Topic: Ethical Hacking
Faculty in Charge: Brahmdutt Bohra

Objective of the Industry Workshop:

To promote understanding and awareness among the students about the concept of ethical hacking, it's various benefits, advantages, and the current market scenario of the various Cyber security trends. It has also helped the students to have a quick view of how Wi.Fi works in Real World encourage deep knowledge and creativity among the students.

An ethical hacker, also referred to as a white hat hacker, is an information security expert who systematically attempts to penetrate a computer system, network, application or other computing resource on behalf of its owners -- and with their permission -- to find security vulnerabilities that a malicious hacker could potentially exploit. The purpose of ethical hacking is to evaluate the security of and identify vulnerabilities in systems, networks or system infrastructure. It includes finding and attempting to exploit any vulnerability to determine whether unauthorized access or other malicious activities are possible.

Ethical hackers use their skills and many of the same methods and techniques to test and bypass organizations' IT security as their unethical

counterparts, who are referred to as black hat hackers. However, rather than taking advantage of any vulnerabilities they find for personal gain, ethical hackers document them and provide advice about how to remediate them so organizations can strengthen their overall security. Ethical hackers Generally find security exposures in insecure system configurations, known and unknown hardware or software vulnerabilities as well as operational weaknesses in process or technical countermeasures. Any organization that has a network connected to the Internet or provides an online service should consider subjecting it to penetration testing conducted by ethical hackers.

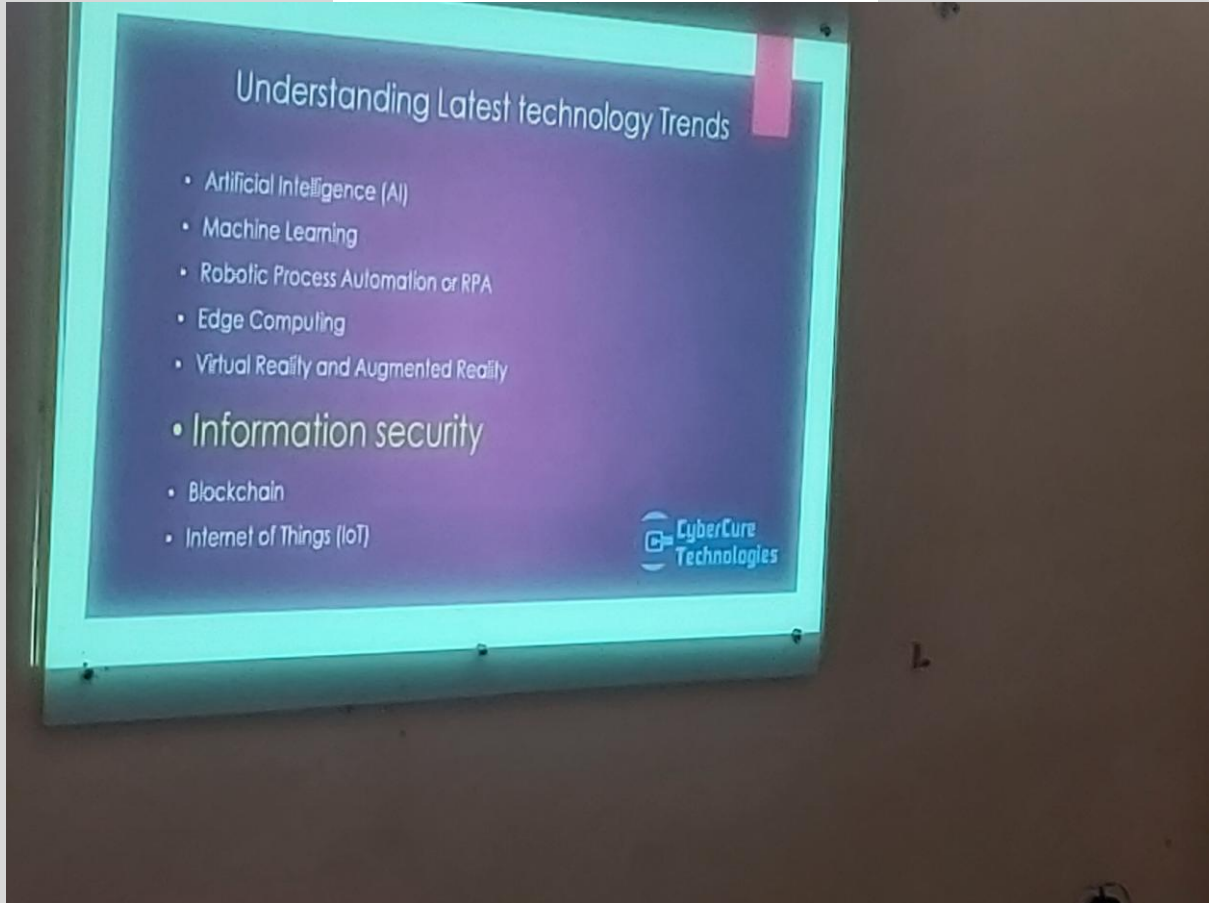Brief of Speakers and Guests:

MR. Sangeet Chopra:

Sangeet Chopra is working as Technical Head at Cyber-Cure Technologies pvt. Ltd, With that he works with Govt. Sector as a free lancer to Solve the Cyber Crime Cases of India. He is one of the renowned hacker, Spreading awareness with Students & Corporate.

Learning outcome from session:

Summarise the concepts of Ethical hacking and its phases.
Analysing Network and Able to monitor Packet Traffic.
Apply the concept of Website hacking and penetration testing of website.
Learn the importance about testing, Scanning and network security issues.
Write a case study and make report of college website. Using Proper Pen-Testing tools.

Session Pictures and Feedbacks: