



Date: 29.08.2020

Venue: Online Event, KLEF

## **WEBINAR ON ETHICAL HACKING**

**Ethical Hacking**, also known as *penetration testing*, *intrusion testing*, or *red teaming*, is the controversial act of locating weaknesses and vulnerabilities of computer and information systems by duplicating the intent and actions of malicious [hackers](#).

An **Ethical Hacker**, also known as a *white hat hacker*, or simply a [white hat](#), is a security professional who applies their hacking skills for defensive purposes on behalf of the owners of information systems. Nowadays, certified ethical hackers are among the most sought after information security employees in large organizations such as [Wipro](#), [Infosys](#), [IBM](#), [Airtel](#) and [Reliance](#) among others.

Ethical hacking refers to the act of locating weaknesses and vulnerabilities of computer and information systems by duplicating the intent and actions of malicious hackers. Ethical hacking is also known as *penetration testing*, *intrusion testing*, or *red teaming*. An ethical hacker is a security professional who applies their hacking skills for defensive purposes on behalf of the owners of information systems. By conducting penetration tests, an ethical hacker looks to answer the following four basic questions:

1. What information/locations/systems can an attacker gain access?
2. What can an attacker see on the target?
3. What can an attacker do with available information?
4. Does anyone at the target system notice the attempts?

An ethical hacker operates with the knowledge and permission of the organization for which they are trying to defend. In some cases, the organization will neglect to inform their information security team of the activities that will be carried out by an ethical hacker in an attempt to test the effectiveness of the information security team. This is referred to as a *double-blind environment*.

In order to operate effectively and legally, an ethical hacker must be informed of the assets that should be protected, potential threat sources, and the extent to which the organization will support an ethical hacker's effort

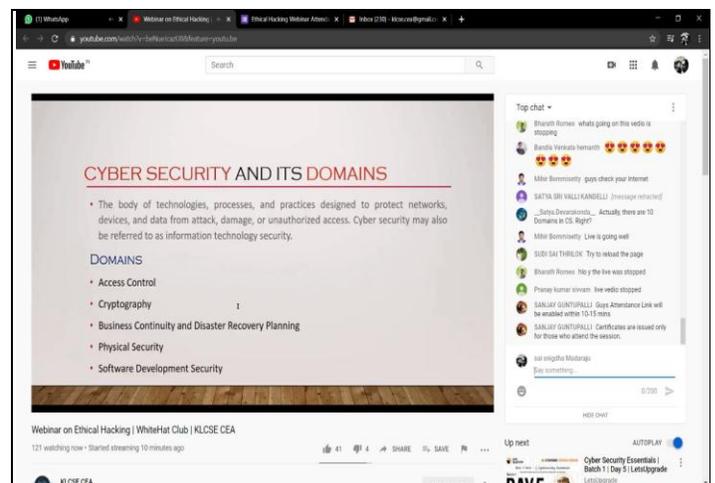
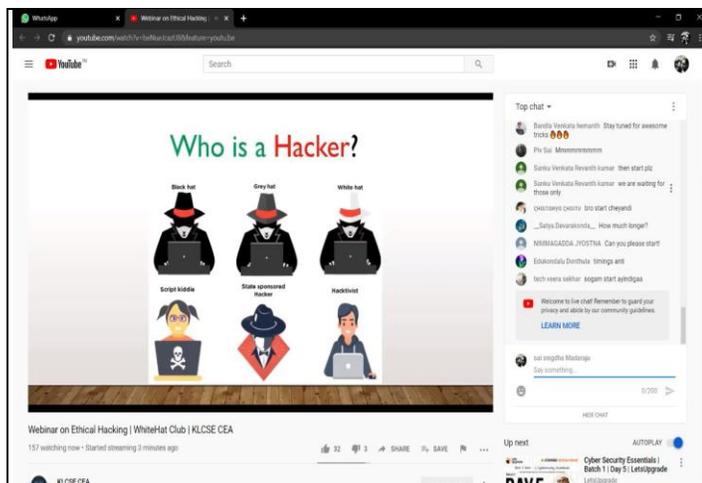
We, the team KL CSE CEA along with White Hat Club conducted a Ethical Hacking Webinar. In this webinar, students got to know about the basics of Ethical Hacking and Cyber Security. We had an interactive session where we not only inculcated the interest among them but also kept their expectations high as they went on typing #CSECEA simultaneously motivating us to come up with some good topics next time.

**Delivered by:** G.Akhil  
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III/IV B.Tech, CSE

No. of Students participated: 999

No. of Faculty participated: 13

**Event Photos:**



They were also shown how to hack an instagram account

