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**CERTIFICATE**

This is to certify that the project report entitled

**“ETHICAL HACKING IN LINUX ENIVORNMENT”**

Submitted by

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is a bonafide work carried out by him/ her under the supervision of Mrs.Chetna Kothari and it is approved for the partial fulfillment of the requirement of University of Pune, Pune for the award of the degree of Bachelor of Engineering (12, Sentence case)

The seminar work has not been earlier submitted to any other institute or university for the award of degree or diploma.

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**ABSTRACT**

The explosive growth of the Internet has brought many good things like ecommerce, easy access to any material, e-mail etc. As the technologies get advanced there is security threat too. Mostly these threats are from criminal hackers.

Hacking is a process to bypass the security mechanisms of an information system or network**.** Hacker is someone who maliciously breaks into systems for personal gain. Ethical hacker is a person who breaks into systems with legal permissions to find out the security weakness. Linux is an open source environment. It has evolved from being labeled as an unfriendly, unreliable operating system to a highly respected operating system that is user-friendly any capable of supporting many important applications. There are a number of reasons why Linux has become the target of so many attacks. This seminar describes what is ethical hacking, why Linux is hacked, why there is a need to hack ones system, the concept of chrooting and the proposed system of how to hack WLAN.

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