

Augmented Learnings | Cyber Security

Cyber Security Workshop

# Introduction

Augmented Learnings, a startup focused on dispatching knowledge in a way favorable for real world learning. One of our field of expertise is Cyber Security and Ethical Hacking. The workshop will be conducted by Mr. Akash M. Agrawal, holding expertise in the areas of Cyber Forensic and experience of teaching more than 2000 students.

# Prerequisites

* Basic knowledge of the web.
* Interest to exploit the opportunities of the web.
* And a curious mind.

# Course Content

|  |  |
| --- | --- |
|  |  |
| **Sr. No.** | **Topics** |
| 1 | Introduction to Ethical Hacking |
| 2 | Basics of Web Technology |
| 3 | OS Bypass |
| 4 | E-Mail Attacks and Security |
| 5 | Trojans and Backdoors |
| 6 | Viruses and Worms |
| 7 | Sniffers |
| 8 | Google Dorks |
| 9 | Social Engineering |
| 10 | Denial of Service |
| 11 | Hacking Wireless Networks ( Wifi ) |
| 12 | HackingMobile Platforms |
| 13 | Buffer Overflow |

# Benefits

» Learn the basics of Information Security & Ethical Hacking.

» Learn about creating and networking Virtual Machines.

» Know how a hacker can exploit Windows OS and protecting yourself against it.

» Learn about Cloud Computing and setting up one.

» Get in-depth knowledge about Viruses, Trojans & Spywares.

» Learn Email Hacking & Security from a Hacker’s Perspective.

» Learn about Website Flaws, Exploiting those flaws and also securing them.

» Get to learn Android Hacking techniques and Security Measures.

» All topics included with case studies and demo.

# Material provided

» Comprehensive course material will be provided to participants.

» Ethical Hacking Toolkit (Containing Tools, Videos, EBooks, Presentations)