



Ethical Hacking

INTRODUCTION

A National League which comprises of a plethora of events & competitions in diverse field of Robotics, Coding, Aerospace, Cyber security, Gaming & Pure science. ROBO COSMOS is a leading Knowledge and Technical Solutions Provider and pioneer leader in Science & Technology.

ORGANISER'S INTRODUCTION

ROBO COSMOS aims to carry research and development in all concerned fields & systems of engineering & technologies. Also encourage , initiate and promote facilities for discovering , development of new methods of diagnosis, understanding & developing the new innovative design ideas.

It gives us great pleasure to invite your institute /school for the National league . We look forward to your active participant to make this workshop a memorable one. So let's create a venture that tackles the most students most important challenges.

Robotics & Cyber Innovation

In the present era of technological advancement & competition, where technology get changed within School span. Technical information & applications on the way of geometrical progression. The fast & accurate learning is the demand of present time and hence the structured learning strategy is our core requirements. As the student to the School door are eager of learning & full of enthusiasm to the Science & technology, we have to introduce them with the world of Robotics & hacking in the practical ways to experience the power of Science to real world.

What we do at ROBO COSMOS?

Our core working policy is 'Learning by Doing' which is executed by exceptional expert in the field of Hacking & Robotics education who have very vast experience and achievements during the school time and dedicated to the technical education. We are solely dedicated to design, develop and execute latest, practical and most economical Courses in the field of Science and Technology.

Our Unique features

- a. Courses are followed by two days on-campus workshop for 12 Hours.
- b. All theoretical portions are covered during the fabrication of subsystem, testing and troubleshooting rather than wasting it in boring theory classes.
- c. Our courses are most economical so that we ensure its reach to the whole.
- d. Additional needful entities provided to keep the interest of student active in future, those are;
 - i. Complete course booklet in soft copy which helps to remind contents after completion of course.
 - ii. The freeware software and tools.
 - iii. State-of-art study material related with the contents of workshop course in soft copy.
 - iv. Free demo kit for those who not enrolled for take away kit (the demo kit will retain back with EI after completion of workshop)
 - v. A unique membership ID provided to school by which they can avail discounts in various services offer by us and free of cost online assistance.
 - . vi. Lifetime online technical assistance for the registered student.
 - viii. A participation Certificate from ROBO COSMOS to every participants.

ETHICAL HACKING & CYBER SECURITY

Hacking is not about the illegal things it's all about how to secure your cyberspace and system from attacks. In this workshop cyber ethics, email hacking & security, malware attacks, windows system attacks, online data Investigation, credit card frauds & Cases, playing with Google by Google hacking, android mobile hacking etc. topics will be covered. This workshop aims to give Technocrats a basic knowledge of hacking and how to protect your system against hazardous effects.

1. Exposure to the and methods being used by Ethical Hacking latest tools cyber criminals fight & terrorists and how ethical Hackers can them.
2. How bypass your second step verification security of email attacks within seconds.
3. Windows admin (Include Window 7,8,10 within Reset password second with the help of guest without any software's. account
4. Some most live shocking cases solved by i3indya team.
5. Career guidance and Scope of Cyber Security by experienced faculty.

WORKSHOP DURATION

2 Days (14Hrs., 7 Hrs. per day).



SYLLABUS

<u>DAY-1</u>		
1	Fundamental of Ethical Hacking	3 Hrs
2	Virtualization & System Cloning	
3	Windows Hacking & Security (Win 8 & Win 7)	
LUNCH BREAK		
4	Online Cloud Computer Development	4 Hrs
5	Data Hiding Techniques & Investigation	
6	Hacking By Batch Programming & Scripting	
7	Hacking by Viruses, Trojans, Keyloggers & Spywares	

<u>DAY-2</u>		
8	Google Database Hacking	3 Hrs
9	Proxy Server & VPN Technologies	
10	Email Hacking & Security Issues	
11	Facebook Hacking & Security	
LUNCH BREAK		
12	Website & Database Hacking Attacks	4 Hrs
13	Android Hacking & Security	
14	Credit Card Frauds & Cases	
15	Case Study (Live Demo By i3indya Team)	

Note: These are just the major aspects that we will be discussing, each point will be elaborated in detail with demonstrations of the tools and techniques.

THIS WORKSHOP IS ONLY FOR EDUCATIONAL PURPOSE NOT FOR HACKING PURPOSE.

PREREQUISITE FOR WORKSHOP

- Passion to learn new creative things.
- Knowledge of how to use Computer.
- Having basic knowledge of Web & Internet.

REQUIREMENTS FOR WORKSHOP

- Minimum 60-80 students for conducting the workshop
- A Seminar Hall with sitting capacity of 100-200 students.
- Internet Connection for Trainer
- One Projector
- 2 Collar Mike with Sound System
- Workshop Coordinators (3-4)

BENEFITS OF ATTENDING WORKSHOP

- Learn all the Basics in Information Security & Ethical Hacking with ease
- Know about creating and networking virtual machines
- Know how a hacker can exploit a Windows OS and how to secure them
- Learn about Cloud Computer and setting up one.
- Know about Viruses, Trojans & Spywares in depth
- Learn Email Hacking & Security from a Hackers Perspective
- Learn about Website Flaws, Exploiting those flaws and also to secure them.
- Get to learn Android Hacking techniques and Security Measures
- All topics included with case studies and demo.



Benefits to School/College

- National Promotion of your school by uploading your school Name on ROBO COSMOS website and it's social networking pages.
- Certificate of Association to college from ROBO COSMOS.
- Bulk SMS firing for the Workshop advertising and publicity purpose through our Database.
- Internship opportunity to selected candidates.

Benefits of Attending Workshop

- Workshop taken by Exceptionally Qualified and Professional Trainers actively involved in Research & Development.
- FREE Software Toolkit, Study Material from ROBO COSMOS.
- Certificate of Participation to all participants.
- Certificate of Coordination to Organizers/ Coordinators.
- Internship Opportunity to Winner.



 **Contact Us**



ROBO COSMOS

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