



## **WORKSHOP PROPOSAL**

(For Colleges and Organizations)

# **Cyber Crime Awareness Society**

**HARBINGER OF WAR AGAINST CYBER CRIME**

<http://www.ccasociety.com>



# **CYBER CRIME AWARENESS SOCIETY**

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## **About Hack - Tech & Cyber Crime Awareness Society:**

Hack- tech is an Information Security and Ethical Hacking Awareness Program Designed by the Team of Experts in Cyber Vision & Professionals in Cyber Security World aims to create Cyber Soldiers for India.

**Cyber Crime Awareness Society** is an IT consulting Company managed by Ethical Hackers & IT Professionals, working with Various Police Agencies and Cyber Crime Cells of Government in India. It is also backed by a team of Experts working with RAW, CBI, ATS, IB, and Cyber Crime Cells with an aim to create INDIA to be the world's safest place for Internet

# HACK - TECH

(An Awareness Program among Students in Ethical Hacking)

*Initiative By:*

**Cyber Crime  
Awareness  
Society**



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## MESSAGE TO DIRECTOR

Dear Sir/Madam,

It is our pleasure to inform you that **Cyber Crime Awareness Society** is organizing **öHack - Techö** three days awareness Program on **öInformation Security & Ethical Hackingö** all over Rajasthan.

Ethical and Information Security is need of the hour. The program would impart knowledge to prepare for a counter óattack the hacking attacks. Also, the program will also help to know the network and source of the attack, which enables us to safeguard our data.

This course would equip students to counter the potential attacks. Also, the aim would be impart knowhow of how to make the Internet transactions safe and secure. This would be a founding stone for India to emerge as a Super Power in the times to come.

We want association with your esteemed organization to conduct these two days Awareness Program. A proposal containing details regarding this workshop is enclosed for your reference. Kindly disseminate the information to the students and encourage them to attend the workshop.

Your active support by way of conducting these programs will help students to go a long way in making their future in Information and Security and our country a Cyber safe country.

We look forward to hear from you soon.

With regards,

Yours sincerely,

**Milind Agarwal**

(Cyber Forensic Expert)



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**Need of Hack ó Tech:**

## **Relevant Industry Facts:**

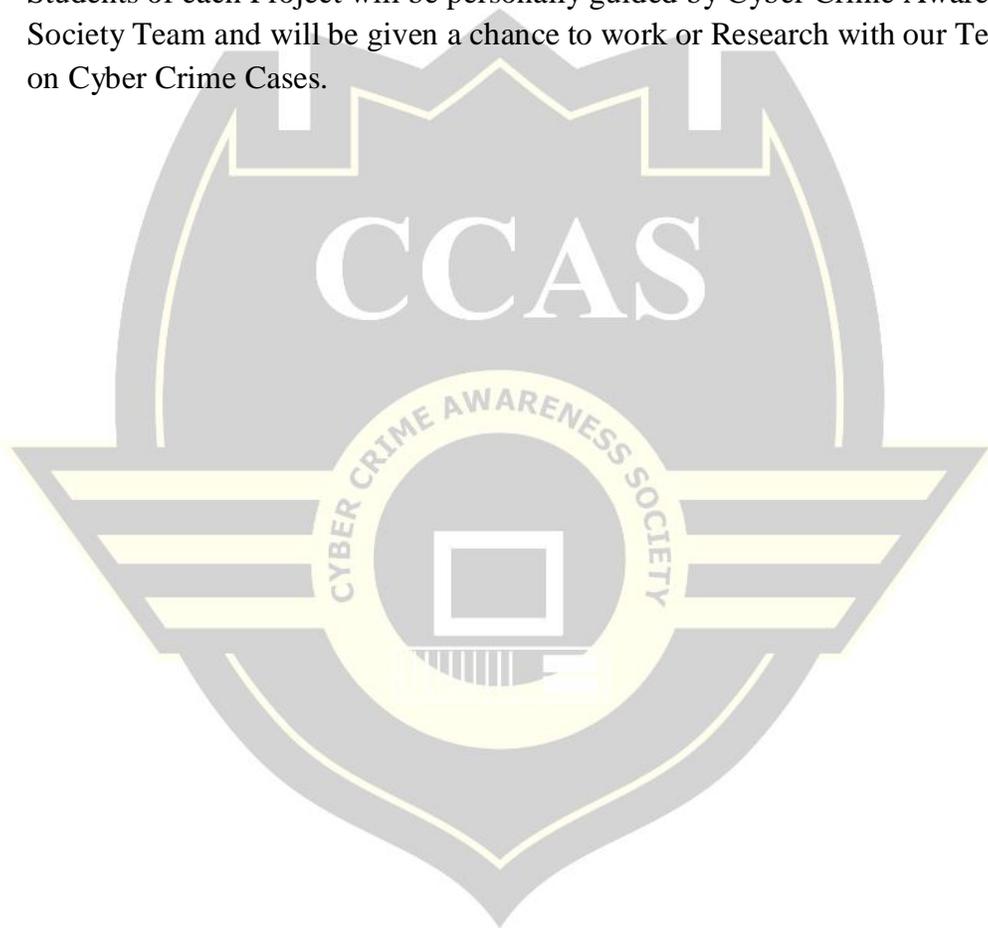
- **Huge Demand of IT Security Professionals** – As per NASSCOM, India will require 188,000 IT Security Professionals by 2012 end, India currently has 22,000.
- **Recession Proof Industry** – Even with the economic meltdown, the IT Security industry is supposed to have 30% compounded annual growth over the next 5 years because of ever increasing Cyber Crimes and exponential growth of Broadband Internet.

## **Key Points:**

- Practical demonstration by way of tools, simulated environment, Sandbox, etc.
- Quick tips and techniques discussions. Question and answer discussion.
- How to use the tools, techniques and methodologies employed by hackers in Cyber Visionø purposeóbuilt tab environment. Around 40 hands-on practical exercises are featured, using a wide range of hacking tools.
- Measures to secure and protect information against hacker attacks.
- Which tools can be used to leverage access on a system?
- How information may be used to assess weaknesses and subsequently launch on attack against a target.

## **Key benefits of “Hack - Tech” Ethical Hacking Training Workshop:**

- Our state of the art class environment covers Windows and UNIX operating systems and associated server software.
- Includes examination, successful completion of which earns delegates the certification which is recognized in the security industry globally. So, it will improve your job prospects and get an edge over your counterparts.
- Learn and interact with one of the most respected authorities of Information Security World.
- Students of each Project will be personally guided by Cyber Crime Awareness Society Team and will be given a chance to work or Research with our Team on Cyber Crime Cases.





# CYBER CRIME AWARENESS SOCIETY

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Presents

# Hack - Tech



## 3 - Days Training Workshop on Information Security

DAY 1		
INFORMATION SECURITY		
S.No	Topics	Duration (hours)
1.	<p><b><u>Cyber Ethics</u></b></p> <ul style="list-style-type: none"> <li>Introduction.</li> <li>Types of Hacker.</li> <li>Importance of Vulnerability research.</li> <li>Vulnerability Research References.</li> </ul>	0.5
2.	<p><b><u>Introduction to Internet</u></b></p> <ul style="list-style-type: none"> <li>IP address.</li> <li>MAC address.</li> <li>Firefox.</li> <li>Switch Proxy.</li> <li>Tamper Data.</li> <li>Show IP.</li> <li>Add N Edit Cookie.</li> <li>Google Chrome.</li> <li>Gmail.</li> <li>Yahoo.</li> </ul>	1
3.	<p><b><u>Google Advance Search</u></b></p> <ul style="list-style-type: none"> <li>Using Google for Penetration.</li> <li>Advanced operators of Google.</li> <li>Finding Vulnerable in websites via Google.</li> <li>Finding vulnerable networks via Google.</li> <li>Error Pages.</li> <li>Web cam vulnerability via Google.</li> <li>Sensitive Files vulnerability via Google.</li> </ul>	0.5

4.	<p><b><u>Proxy Server Technology</u></b></p> <ul style="list-style-type: none"> <li>• What is proxy?</li> <li>• Use of proxy.</li> <li>• Open block website by proxy.</li> <li>• Online manual proxies.</li> <li>• Online web based proxies.</li> </ul>	1
5.	<p><b><u>Phishing and Countermeasures</u></b></p> <ul style="list-style-type: none"> <li>• Introduction of phishing.</li> <li>• Understanding the phishing.</li> <li>• Technique of Phishing.</li> <li>• Gmail ,facebook, yahoo, orkut phishing.</li> <li>• Phishing case study.</li> </ul>	0.5
6.	<p><b><u>Email Security</u></b></p> <ul style="list-style-type: none"> <li>• Understanding Emails.</li> <li>• Tracing an email.</li> <li>• Fake mailers.</li> <li>• Mail bombing.</li> <li>• Spam or suspicious emails.</li> <li>• Automatic Deleting Mails in seconds.</li> <li>• Configure MS Outlook.</li> <li>• Configure Thunder Bird.</li> </ul>	1
7.	<p><b><u>Virus , Trojans, Backdoors</u></b></p> <ul style="list-style-type: none"> <li>• Types of Trojan.</li> <li>• Famous Trojans.</li> <li>• Designing a Virus-Buffer Overflow.</li> <li>• How to detect Trojan and backdoor.</li> <li>• Removal of Trojans and Viruses from your computer.</li> <li>• Operate computer from anywhere by Team Viewer.</li> </ul>	0.5

## DAY 2

	<b>DAY 2</b>	
8.	<p><b><u>Information Gathering &amp; Scanning Methodologies</u></b></p> <ul style="list-style-type: none"> <li>• Securing information from hackers on internet.</li> <li>• Information gathering of websites &amp; networks.</li> <li>• Scanning Ports, Network, Vulnerability &amp; Structure of Websites</li> </ul>	1
9.	<p><b><u>Web Application Security</u></b></p> <ul style="list-style-type: none"> <li>• Local File inclusion.</li> <li>• Remote file inclusion.</li> <li>• SQL injections.</li> <li>• Hands on Demonstrations on real websites.</li> </ul>	1
10.	<p><b><u>Spoofing and sniffing</u></b></p> <ul style="list-style-type: none"> <li>• What are ports?</li> <li>• What are packets?</li> <li>• How to sniff packets.</li> <li>• Hacking Routers.</li> <li>• How to protect your Routers from hackers.</li> </ul>	0.5
11.	<p><b><u>Laptop security</u></b></p> <ul style="list-style-type: none"> <li>• Protect your left from getting theft.</li> </ul>	0.5
12.	<p><b><u>Mobile Forensics &amp; VoIP Calls</u></b></p> <ul style="list-style-type: none"> <li>• SMS &amp; SMSC Introduction</li> <li>• IMEI number.</li> <li>• IMSI number.</li> <li>• What to do when mobile phone gets lost/theft?</li> <li>• Fake call.</li> <li>• Sending &amp; Tracking fake SMS.</li> </ul>	0.5
13.	<p><b><u>Steganography &amp; cryptography</u></b></p> <ul style="list-style-type: none"> <li>• Introduction to Steganography.</li> <li>• Use of Steganography.</li> <li>• Securing the data.</li> <li>• Guide to camouflage to hide data.</li> <li>• Guide to encryption analyzer to find encrypted file in drive.</li> <li>• Guide to S tools to hide data.</li> <li>• Guide to using Snow to hide text.</li> <li>• Decrypt password protected file.</li> <li>• Steganos ó To make hidden partition.</li> <li>• Guide to Pass ware Kit Office to break MS office passwords.</li> </ul>	0.5

## DAY 3

	<b>DAY 3</b>	
14.	<b><u>Metasploit Framework</u></b> <ul style="list-style-type: none"><li>• Exploitation Basics</li><li>• Why Metasploit</li><li>• Meterpreter Basics</li><li>• Framework Organization</li><li>• Post Exploitation Kung-Fu</li><li>• Post Exploitation Privilege Escalation</li><li>• Killing AV and Disabling Firewall</li><li>• Stdapi and Priv Extensions</li><li>• Token Stealing and Incognito</li><li>• Espia and Sniffer Extensions</li><li>• Post Exploitation Backdoors</li><li>• Pivoting after Post Exploitation</li><li>• Port Forwarding as part of Post Exploitation</li><li>• Client Side Exploits</li><li>• Backdoors and Rootkits in Post Exploitation</li></ul>	5
	<b>CYBER CRIME INVESTIGATION</b>	
15.	<b><u>Cyber Crime Investigation</u></b> <ul style="list-style-type: none"><li>• Introduction to Cyber Crime Investigation.</li><li>• Types of Cyber Crimes.</li><li>• Report Cyber Crimes.</li></ul>	1
16.	<b><u>Investigation Methodologies</u></b> <ul style="list-style-type: none"><li>• Investigating Emails (Email Tracing) ó Read notify.</li><li>• Online email header analysis.</li><li>• Foot printing.</li><li>• Investigating Phishing Cases.</li><li>• Investigating Data Theft Cases.</li><li>• Investigating Orkut Profile Impersonation Cases.</li><li>➤ Cyber Law &amp; IT Act, 2000.</li></ul>	0.5

**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. Students will get change for Research under Cyber Crime Awareness Society, And also to work on projects with Cyber Crime Awareness Society Rare Tools. And moreí í



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## **RESPONSIBILITY OF INSTITUTE /ORGANIZATION /SCHOOL:**

- Seminar Hall.
- Internet connectivity.
- Projector.
- An effective collar microphone/Cordless Mikes.
- White Board.
- 2 Volunteers.
- Computer with internet connection to all students.

## **COURSE DURATION:**

3 Days (5-6 hours), In-Depth, Demonstration will be conducted on projector by Experienced IT Practitioners and IT Security Executives.

## **CERTIFICATION AND STUDY MATERIAL:**

- Free Information Security & Ethical Hacking Software Tool Kit for each student.
- 24x7 Live Doubt Clearing Sessions via Chat by Experts.
- Certificate of certified information security professional Level 1 by Cyber Crime Awareness Society will be given to participants.

## **ELIGIBILITY CRITERIA:**

- If participant know How to send an email then they are eligible for this Course.
- Passion to learn new things.

## **CHARGES OF TRAINING WORKSHOP:**

The Charges of 3 Days Workshop will be Rs. 1,000/- (per student) Inclusive all the taxes.

(3 Days Workshop includes Registration Kit and Course Material).

### **Program Benefits & Highlights:**

- Make yourself and your relatives aware of Cyber Crimes.
- Secure yourself and your mates.
- Learn & Interact with renowned Industry Experts.
- Receive an unparalleled education on the art of computer security with personal one-on-one attention.
- Hands on Demonstrations of Latest Hacking Techniques & Tools.
- Hands on Demonstrations of various Cyber Crime Cases.
- PowerPoint Presentation, Live Demos, Interactive Question & Answer sessions and comprehensive reading material.
- Enhance your brain that how Cyber Experts handles Cyber Crime Cases.
- Get innovative ideas on working with Computers.
- Get motivate in the era of new field in Computers i.e. Ethical Hacking.





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### **CONTACT US:**

We ensure that you will find our training programs extremely beneficial for students.

If you have any queries kindly get back to us.

We are looking forward to a quick and positive response from you and a long term association with your esteemed organization.

Thanking you

Regards,

Team Hack - Tech

And Team Cyber Crime Awareness Society

**For more queries about  
CYBER CRIME AWARENESS SOCIETY:**

Please mail us at: [help@ccasociety.com](mailto:help@ccasociety.com)

Visit us at: <http://www.ccasociety.com>

Or

Contact **CYBER CRIME AWARENESS SOCIETY**

**Mr. Milind Agarwal** at: [president@ccasociety.com](mailto:president@ccasociety.com)

**Still have Some Queries:**

About Operations, Associations and Campus Connect Programs

Ask us at +91-9461101915

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Visit us at: <http://www.ccasociety.com>