

HACXYGEN ETHICAL HACKING WORKSHOP

SYLLABUS OF HACXYGEN WORKSHOP FOR ITRIX'19





CONTENTS

| | | |
|---|--|---|
| 1 | welcome to the hacker's world..... | 2 |
| 2 | I know you #internet..... | 2 |
| 3 | pwned your windows..... | 2 |
| 4 | PWNING THE WIRELESS NETWORK..... | 2 |
| 5 | the worst time for your android phone..... | 2 |
| 6 | bug café #webapp..... | 3 |
| 7 | panel discussion with Q&A..... | 3 |

Date : Jan 26

Venue: IST Dept, Anna University.



1 WELCOME TO THE HACKER'S WORLD

- Information Security and Ethical Hacking
- Scope of cybersecurity
- Why can't you create secure Software/Network?
- The Dark side of "Internet"
- Hacker's OS
- Not everyone is Hackers
- Why can't you become Hacker to offer Best Security?

2 I KNOW YOU #INTERNET

- Internet is more than you think
- I'll catch you on google
- Untrusted social networks
- Intelligence discover tool
- Real-time Networks for you
- Fruitful online tools for you

3 PWNEED YOUR WINDOWS

- Is your windows 10 is secure?
- Finding my victims
- How wanna cry affected the system?
- How are you being a victim?
- Track Attackers
- Secure your windows from internal to external

4 PWNING THE WIRELESS NETWORK

- Crack your WIFI network
- Cloning wifi networks
- Fun with public hotspot

5 THE WORST TIME FOR YOUR ANDROID PHONE

- Android Bugging
- Rat on your android
- Android rooting! Are your friend-enemy?



- Turn your android into hacking device
- Evil apps on your Playstore
- How to secure your Android Phone?
- What do you think about iPhone?

6 BUG CAFÉ #WEBAPP

- Injections attacks
- XSS attack
- CSRF attack
- Authorization attack
- File upload vulnerabilities

7 PANEL DISCUSSION WITH Q&A

Topic: How to choose Cybersecurity/IT Security as a Career for freshers?

This panel will host by Briskinfosec and all speakers will be part of the discussion including a representative from Anna University. This panel will give more guidance to students from various colleges to understand cyber security domain and what companies are expecting from all infosec freshers. This will also discuss various opportunity to shine like stars in their future.

Students can ask questions related to entier session and panel discussion. Representatives of the panel discussion will make sure to clear all doubts.



8 SPEAKERS OF ITRIX'19 HACXYGEN WORKSHOP

Arulselvar Thomas

Founder and Director of Briskinfosec Technology and Consulting Pvt Ltd
Technical Head – National Cyber Defence Research Center

Arulselvar Thomas is the founder and Director of Briskinfosec Technology and Consulting Pvt Ltd. He is the founder of Council of CIA (Confidentiality, Integrity, and Availability), which is proving the platform for InfoSec community. Arulselvar also was known as Technical Head of National Cyber Defence Research Center. His life in the shadows and endless curiosity has led to surprising Web and Mobile application hacks. He likes Bitcoin Industry, Open Source, and framework development and gave various presentations on security conferences. Interested in machine learning for mobile, Internet of Things (IoT) devices and industrial systems used in critical infrastructure networks. He is regular speaker at National Cyber Safety and Security Standards summits. Most of his research and work is on cloud Governance, Compliance, platforms, application security, and detecting & investigating attacks against web-scale and mobile applications. He is also InfoSec advisor for more than 10 corporates.

Mr.Dawood Ansar

Security Engineer at Brisk InfoSec Technology And Consulting Pvt Ltd

Mr.Dawood skilled and a fully independent information security engineer with expected records of competence of experience in information security. Well-versed indirect and remote analysis of strong critical thinking communication skills. Dawood Ansar is more enthusiastic in the field of Information Security and Penetration testing and well versed in various domains of Information technology which includes Web Applications, Mobile Applications, Networks, Wireless testing etc.,_____ He holds international certificate such as Certified Ethical Hackers, Certified Security Analyst and Brisk Advanced Penetration Tester. Dawood Ansar is being a part of BINT Labs (From Brisk Infosec) for a long time and has contributed to various penetration test projects, CTF challenges, and bug bounties.

Mr Venkatesh

Security Engineer at Brisk InfoSec Technology And Consulting Pvt Ltd

Venkatesh performs vulnerability research and Assessment, Script development. He has a focus on Network, Web, and Mobile security test and has reported some vulnerabilities in the major Companies. He is a frequent speaker on security conferences and conducted cyber security awareness programs in colleges. He is expertise in PowerShell scripting. He holds international certificate such as Certified Ethical Hackers, Certified Security Analyst and Certified Forensics Investigator.