

# GTU INNOVATION COUNCIL

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<b>Student Startup Support System (S4)</b>	<b>Gujarat Technological University, Ahmedabad</b>	<b>GTU Innovation Council (GIC)</b>

**A**

## Report on

## **CYBER SECURITY WORKSHOP**

**Date:** 23<sup>rd</sup> & 24<sup>th</sup> July, 2016

**Time:** 10:00 am to 05:30 pm

**Venue:** Room no. 131, Student Start-up Support System Co-Creation Centre (S4-C3), GTU Innovation Council, ACPC Building, L. D. C. E. Campus, Navrangpura, Ahmedabad-380015.

**Speaker of the Event:** Mr. Falgun Rathod (Cyber Octet Pvt Ltd)

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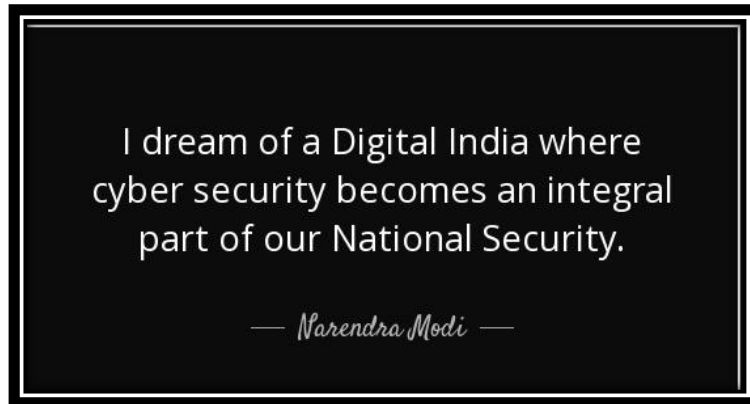
## Introduction

Mr. Jimit Rangras, GIC Student Associate started by addressing the audience and by giving them an insight about GTU Innovation Council and why they were conducting such events for the students, what benefit students will gain by such event and many more advantages for benefits of students. He also briefed them about the Student Associates Program of GTU Innovation Council.

Ms. Tithi Gupta, GIC Student Associate started by addressing the audience and by giving them an introduction about the speaker Mr. Falgun Rathod and his accomplishments in the field of Cyber Security.

### Why Cyber Security workshop was organised for students?

- For giving the insights to the students about cyber security and why it is important in today's life. GIC carried out the two days' workshop for the same.
- Cyber security professionals often thrive in an informal atmosphere, unconventional working hours, and shifting work responsibilities aimed at keeping knowledge fresh and work exciting. Due to this they were also given technical knowledge about the topic.



*Quote by Prime Minister Shri Narendra Modi*

### Insight of hacking & Open Web App Security Program

Expert Mr. Falgun Rathod firstly explained the definition of hacking. He also highlighted the difference between a hacker and a thief. He also briefed them about artificial intelligence and its types. He discussed the strategies of a hacker and the procedure to hack. He explained them how to research about their target or the site they wanted to hack. He also taught them about how to remove virus. He also discussed about NLP technique i.e. Neuro Linguistic Programming. He also shared his experience of his Work done until now at National Level.

He also had shown video in support of hackers i.e. how fighting against hackers can stifle innovation. He also explained the students about the nine laws such as law of dissonance, law of obligation, law of connectivity etc. he also provided insights about the skills required by a hacker such as manipulating human mind and many more. He also imparted knowledge about OWASP i.e. Open Web App Security Program.

After the session, the students asked him the questions and he answered them aptly. The students got valuable insights on OWASP, vulnerability tools, search engines through which they can research about their targets.

## **About the workshop:**

Cyber Attacks have been on the rise around the globe, with hackers and other criminals targeting small and large businesses to steal valuable information or bring computer networks to a halt.

This Program is designed to teach Information Security Professionals, the advanced utilization of the available methodologies, tools and techniques expected from a premier ethical hacking training and are required to perform comprehensive information security pen testing. Also from Career Point, Information Security Analysts are valued for their ability to protect an organization's data and information from such attacks.

Topics included in the workshops were:

- Network - Definition & Overview
- Type of Network - LAN & WAN (Brief discussion)
- Active Network & Passive Network Difference
- Network Product Knowledge (Active and Passive)
- Network Subnetting & IP Address
- Live Scenario of LAN
- Live Scenario of WAN
- Cover Topic - LAN Setup
- IP address Assignment
- VLAN Configure
- STP Configuration
- Troubleshooting
- Testing
- Cover Topic - All Routing Protocol
- Access List Configuration

- Wireless (WLC) Setup Overview
- Project Diagram Design and Document.
- Real infrastructure discussion.
- UTM - Live Demo
- IDS, IPS Discussion
- Password Security of Network
- System Security Fundamentals
- Basics of Assembly
- Reverse Engineering

## **About Mr. Falgun Rathod**

### **Chapter Leader**

#### **OWASP Foundation**

April 2016 – Present (4 months) Gandhinagar

OWASP Foundation is a professional association of global members and is open to anyone interested in learning more about software security.

### **Founder & Managing Director**

#### **Cyber Octet (P) Ltd.**

January 2011 – Present (5 years 7 months) Ahmedabad Area, India

Company Founded in 2011 into the domain of Information Security, Empowering Youth by giving Education as per International Standards and following same in Research. They have been into service of Vulnerability Assessment and Penetration Testing for Web Application and Network, Security Auditing and Compliance.

### **Ethical Hacking Trainer and Business Developer**

#### ***Techdefence Pvt. Ltd***

***December 2009 – February 2011 (1 year 3 months) Nasik***

Responsibilities:

- \* Providing Training on Ethical Hacking / Information Security.
- \* Vulnerabilities Assessment & Penetration Testing.
- \* Cyber Crime Investigation.
- \* Business Development for Training & Services related to InfoSec

## **Awards and Honors of Mr. Falgun Rathod**

Top Ten Cyber Cops in India  
India Today  
April 2014

**The Certified Ethical Hackers of India**  
**Silicon India**  
May 2014

**Distinguished Learner of Indira Gandhi Open University at National Level.**  
**India Gandhi Open University**  
February 2012

**Featured on Cover Page of International Security Magazine. - Pentest Auditing**  
**Pentest Magazine**  
March 2012

## **Photo Gallery**



*Speaker of the event Mr. Falgun Rathod*

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*Students of various colleges during the event*



*Students doing practical during the session*

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