

DATE: 02/09/2021

**Event Coordinator(s)**

**1. Ms. Sulochana Devi**

**Time& Place:**

**Online, 11.00 am -12.30 pm**

**2<sup>nd</sup> Sept 2021**

**Xavier Institute of  
Engineering**

**Department:**

**Information Technology**

**Electronics and  
Telecommunication**

**No of participant: 56**

A guest lecture was organized for BE IT students on the topic “How to Set Your Own Ethical Hacking Lab Environment” and it was delivered by Mr. Vikas Baloda, Assistant Professor, M H Saboo Siddki College of Engineering, Mumbai.

The guest lecture was conducted on Google Meet platform in between 11.00 am to 12.30 pm on 2<sup>nd</sup> Sept 2021 and was organized by Ms. Sulochana Devi from I.T Department respectively.

About 56 students attended the guest lecture and the objective of the guest lecture was to provide an insight to the students about creating environment for ethical hacking.

The speaker shared his knowledge on ethical hacking, legal issues related to hacking process, certifications of ethical hacking, creating lab environment for ethical hacking and demonstrated hacking process on virtual machines.

The students were quite amazed at the speaker’s talk and had an interaction with the speaker once the session ended.

**Student Feedback and Benefits:** As sir mentioned in the talk, security is a very important aspect of the IT world today. The need for Ethical Hacking was explained well. The hands-on approach to set up the “Ethical Hacking Lab Environment” using Virtual Machines was very interesting and well explained. This session was very helpful as it opened up another career choice for the students. I thank the faculty for arranging this informative and educational session.

Ms. Sulochana Devi  
Program Coordinator

Ms. Meena Ugale  
HOD IT Dept

Dr. Y. D. Venkatesh  
Principal

# Screen Shots of the guest lecture

REC Vikas Baloda is presenting

## 1. Introduction

- ▶ Hacking
- ▶ Ethical hacking
- ▶ Types of hacker
- ▶ Learning in a safer environment
- ▶ Certification in cyber security
  - ▶ CEH
  - ▶ OSCP

Vamika Zutshi has left the meeting

11:15 AM | cfupxblttm

Participants: Vikas Baloda, Neil Pinto, Bhavna Sarkar, Shivam Dubey, Darshan Bhanushali, Merlyn Koonampar..., 28 others, You.

REC Vikas Baloda is presenting

```
kali@kali:~$ sudo arp-scan --local
[sudo] password for kali:
Interface: eth0, type: EN10MB, MAC: 00:0c:29:03:96:29, IPv4: 192.168.1.110
Starting arp-scan 1.9.7 with 256 hosts (https://github.com/royhills/arp-scan)
192.168.1.1   c0:25:2f:28:f6:e0   (Unknown)
192.168.1.104 08:00:27:7f:62:17   PCS Systemtechnik GmbH
192.168.1.107 94:65:9c:b0:c4:94   Intel Corporate

3 packets received by filter, 0 packets dropped by kernel
Ending arp-scan 1.9.7: 256 hosts scanned in 1.982 seconds (129.16 hosts/sec). 3 responded
```

11:29 AM | cfupxblttm

Participants: Vikas Baloda, Neil Pinto, Bhavna Sarkar, Shivam Dubey, Darshan Bhanu..., Merlyn Koona..., Radhika Vichare, 34 others, You.

Infrastructure Security (2021-22) x Meet - snu-deaa-xuk x Inbox (716) - sulochana.d@xavi: x +

https://meet.google.com/snu-deaa-xuk?authuser=0

REC Vikas Baloda is presenting

```
(kali@kali)-[~]
└─$ arp-scan --local
pcap activate: eth0: You don't have permission to capture on that device
(socket: Operation not permitted)

(kali@kali)-[~]
└─$ sudo arp-scan --local
[sudo] password for kali:
Interface: eth0, type: EM10MB, MAC: 00:0c:29:03:96:29, IPv4: 192.168.1.110
Starting arp-scan 1.9.7 with 256 hosts (https://github.com/royhills/arp-scan)
192.168.1.11  c0:25:2f:28:f6:e0 (Unknown)
192.168.1.104 08:00:27:7f:62:17 PCS Systemtechnik GmbH
192.168.1.107 94:65:9c:b0:c4:94 Intel Corporate

3 packets received by filter, 0 packets dropped by kernel
Ending arp-scan 1.9.7: 256 hosts scanned in 1.982 seconds (129.16 hosts/sec). 3 responded

(kali@kali)-[~]
```

11:29 AM | cfupxblttm

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ENG IN 11:29 AM 9/2/2021

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https://meet.google.com/snu-deaa-xuk?authuser=0

REC Vikas Baloda is presenting

Vikas Baloda

Neil Pinto

Bhavna Sarkar

Apurva Ware

Shivam Dubey

Bhavin Jain

Vaibhav Murari

Darshan Bhanus...

Merlyn Koonam...

Sharan Shetty

Jatin Satoskar

Ashokkumar Sav...

Manjeet Kagada

Kaustubh Upadh...

Raj Shah

Aditi Pathare

Zara Fatima Qur...

Chandrakant Th...

Vamika Zutshi

Aakash Rathod

Sushil Nikumbh

28 others

You

11:57 AM | cfupxblttm

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29°C

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