



## Report on Cyber Security FDP

<b>Event Name</b>	<b>FDP on “CYBER SECURITY ”</b>
<b>Theme</b>	VTU 4 <sup>th</sup> Sem Syllabus BCY402 and BICL404
<b>Date</b>	1st to 3rd April, 2024 (3 days)
<b>Venue</b>	6 <sup>th</sup> floor seminar hall, RVITM Campus

A 3-Day Faculty Development Programme on CYBER SECURITY ”(as per VTU 4<sup>th</sup>Sem Syllabus BCY402 and BICL404) was conducted from 1st to 3rd April, 2024 in which 30 participants from various colleges participated.

### Objective of the Program:

**The objective of this FDP was designed to empower faculty members with the knowledge and skills necessary to navigate the complex landscape of cyber security and impart this critical knowledge to their students, in the issues, challenges of Cyber Security and provide the possible solutions for the same.**

**Day 1: 01.04.2024**

**9.30am to 10.00am**

**Inaugural Function**

The program started with the Inauguration session from Dr.Vinoth Kumar M, Associate Professor, Dept of ISE, RVITM started the session with the Welcome address. It was then followed by invocation song by S. A. Nandhini, 2<sup>nd</sup> Sem, Department of ISE, RVITM. Dr.Niharika P Kumar, Associate Professor, Dept of ISE, RVITM gave details about the objectives and details about the FDP. Dr. Kirankumar K, Assistant Professor, Department of ISE, RVITM has introduced the chief guest & resource person to the session. The Chief guest of the session Mr. Samarth Bhaskar Bhat, Technical Director, Reverse Engineering Infosec Private Limited, India has set the right tone to the program by delivering Inaugural address to the participants and by outlining the importance of Cyber Security and the usage of tools in Cyber Security. Dr. Jayapal R, Principal RVITM & Dr. Latha C A, Head & Professor, Dept.

of ISE, RVITM, highlighted the importance of such technical FDPs & awareness of Cyber Security. Finally, Prof. Swati Darla S, Assistant Professor, Department of ISE, RVITM proposed vote of thanks to the august gathering and concluded the Inaugural function.



**Day 1:01.04.2024**

**10.00am to 5.00pm**

**Topics covered in the session:**

Recap of Basics with Kali Linux - Introduction to Kali Linux and its significance in cyber security. - Overview of essential tools and commands in Kali Linux. - Hands-on exercises to reinforce basic concepts, including network scanning, vulnerability assessment, and password cracking.

**Resource Person:**

Mr. Samarth Bhaskar Bhat,  
Technical Director,  
Reverse Engineering Infosec, Bengaluru

**Day 2: 02.04.2024**

**9.30am to 05.00pm**

**Topics covered in the session:**

Network Security with pfSense - Introduction to network security principles and best practices. - Overview of pfSense as an open-source firewall and router software. - Hands-on configuration of pfSense for firewall rules, network segmentation, and VPN setup.

**Resource Person:**

Mr. Samarth Bhaskar Bhat,  
Technical Director,  
Reverse Engineering Infosec, Bengaluru

**Day 3:03.04.2024**

**9.30am to 5.00pm**

**Topics covered in the session:**

Website Application Assessment - Introduction to web application security and its importance. Hands-on exercises on SQL injection.

**Resource Person:**

Mr. Samarth Bhaskar Bhat,  
Technical Director,  
Reverse Engineering Infosec, Bengaluru



**HoD Signature**

**Principal Signature**