



RV INSTITUTE OF TECHNOLOGY AND MANAGEMENT®

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi)

Chaitanya Layout , JP Nagar 8th Phase , Kothanur, Bengaluru-560076

DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING.

Workshop on Cyber Security and Ethical Hacking

Report

DATE: 10th and 12th November 2022

TIME: 9:00 AM to 4:45 PM

VENUE: 6th Floor Seminar Hall, RVITM

Number of participants: 65

The Department of Information Science and Engineering organized two-day hands-on workshop on “Cybersecurity and Ethical Hacking”. Mr Samarth Bhaskar Bhat, Technical Director, Reverse Engineering Infosec was the Resource Person for the workshop. Dr. Niharika P. Kumar, Associate Professor, Dept. of ISE was the Faculty coordinator for the workshop.

The first day of the workshop began with the welcome address delivered by Ms. Sakshi, 5th semester student of ISE Department followed by the introduction of the Resource person for the workshop, by Ms. Haritha, 5th semester student of ISE Department.

Day one of the workshop, Mr. Bhat gave introduction about cybersecurity .The event started with basics like what is hacking, few concepts of port numbers and where the passwords of the operating systems are stored and by getting to know the actual difference between a coder and programmer.

The session continued with few script kidding activities like key loggers, and hacking phones through website like mobile-tracker-free and to check if the phone call can be diverted using very simple tricks, and to check where the email id credentials have been leaked. The students also checked their IP address and learnt how to make their IP address jump over networks.

The students learnt many malicious activities and their types, and also learnt how to create their own virus files to hack windows using KONBOT and Blazing tools and how to be anonymous. As script kidders the students learnt to manipulate using built-in apps and websites.

The Day2 started with more hacking activities where Mr. Samarth taught the students how to collect flags and find login id and password from many machines. The students downloaded Virtual box so that they could work on both windows and Kali Linux, where in which they were to hack machines like sunset, fowsniff and pumpkin garden.

The students were given insight how to start their journey as a hacker and about job opportunities in the field. Mr. Samarth introduced the students to many websites where they could practice hacking like EC Council, SANS etc. The students also learnt many ways how they could get hired by government in many departments like police department for cyber security and forensics where in which they can retrieve the data which was deleted and to detect if any cloning was done.

The students learnt how they can safeguard their systems using encryption techniques, firewalls, anti-virus, honeypot and etc. Mr. Samarth also taught the students of a few hardware hacking tools and how to use them for WiFi attacks, tapping phone calls and skimmers for ATM Cards. The second Day ended with feedback from students and vote of thanks from Naveen Bhat, 5th sem ISE.



