Date: 24-07-2023

Report on Workshop on "Cybersecurity and Ethical Hacking"

Name of the Program:	Workshop on Cybersecurity and Ethical Hacking.	Program Dates & Timings:	**22-07-2023, 9.00AM to 4.30 PM**	
Name & Details of the Resource Person:		**Mr. Dhanoop R** Associate member at National Cyber Safety Security Standards. Cyber Security Analyst at Techbyheart India Pvt Ltd.		
Organized by (Clubs/ Dept.)	**Department of CSE**	In Association with	**ISTE**	
Number of Participants	55	Students	45	Faculty 10
Program Outcome (PO) Mapping	PO1, PO2,PO3,PO4,PO5,PO6,PO9,PO10,PO11,PO12			
Coordinators	Mrs. Sharon DSouza, Assistant Professor, Department of CSE Mrs. Deeksha Anand, ISTE Coordinator- Assistant Professor, Department of Civil			

About the Program:

The Department of CSE in association with Indian Society of Technical Education (ISTE) and Techbyheart, organized a workshop on "**Cybersecurity and Ethical Hacking**" .The event was scheduled on 22-07-2023 from 9:00 am to 4:30 pm at GD Room, 3rd floor.

The workshop started with a prayer song by 1st year CSE students, The program was inaugurated by Dr.Shantharama Rai C, principal and Dr. Antony P J, Vice-Principal. The various heads of the department and all the faculties of CSE attended the inaugural function.

The ISTE Coordinator Mrs. Deeksha Anand welcomed the gathering and introduced the resource person. The Principal addressed the gathering and motivated students to participate in workshop and upgrade themselves in current technologies. Dr. Antony P J, Vice principal made the students aware of the current threats to cyber security and the need of securing the data. Mrs. Sharon Dsouza delivered vote of thanks. Ms. Keerthana, 1st year CSE was the master of the ceremony.

The Resource person of the program was **Mr. Dhanoop R,** Associate member at National Cyber Safety Security Standards and Cyber Security Analyst at Techbyheart India Pvt Ltd.

The students were given a brief introduction on the following topics

- Introduction to Cyber Security.
- Introduction to Ethical Hacking.
- Performing live cyberattacks on a website using kali linux tools.
- Developing a fake login template to breach user login detials.

After the course the following questions were discussed

- What are the different types of cyber-attacks?
- What are the most common security vulnerabilities?
- How can I protect my personal data from being hacked?
- What are the ethical considerations of ethical hacking?
- What are some of the tools and techniques used by ethical hackers?

Objectives

- Introduce participants to the basics of cyber security.
- Demonstrate how to use ethical hacking techniques to identify and exploit security vulnerabilities.
- Provide participants with hands-on experience with ethical hacking tools and techniques.
- Motivate participants to continue learning about cyber security and ethical hacking.
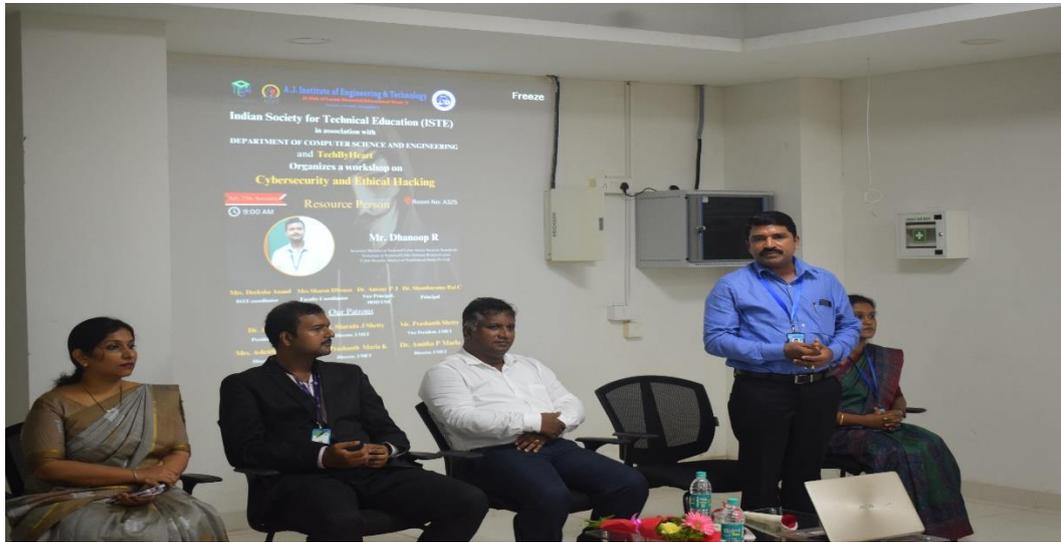
Outcomes:
- Participants will have a better understanding of the basics of cyber security.
- Participants will be able to use ethical hacking techniques to identify and exploit security vulnerabilities.
- Participants will have hands-on experience with ethical hacking tools and techniques.
- Participants will be motivated to continue learning about cyber security and ethical hacking.

Articulation Matrix:

Course Outcomes	Program Outcomes											
	1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
1	2				3	2						
2		3							3	2	2	1
3	3	1	2	2					3		2	1
4					2	1			2	3	2	
Average	2.5	2	2	2	2.5	1.5			2.7	2.5	2	1

Photos:

Mrs. Deeksha Anand   Mrs. Sharon C DSouza   Dr. Antony P J   Dr.Shantharama Rai C
ISTE Coordinator   CSE Faculty Coordinator   Vice-Principal   Principal