

DPGITM, Gurugram-Institute Innovation Council (IIC-DPGITM)

Report on Cybersecurity Workshop
“Think Cybersecurity Is Just Hacking?”

Date: 16/09/26

Venue: Cybersecurity Excellence Center, Lab-108

Event report

1. **Objectives:** The primary objective of the session was to provide students with practical exposure and foundational knowledge in the domain of cybersecurity through an industry-oriented learning approach. Organized in collaboration with CRAC Learning Foundation, the session aimed to introduce students to real-world cybersecurity concepts such as web security, OSINT (Open-Source Intelligence), and system vulnerabilities. The session focused on bridging the gap between theoretical knowledge and practical implementation by enabling students to understand how modern web applications function and where security flaws may exist. It also aimed to develop analytical thinking and problem-solving skills by engaging students in hands-on activities such as packet analysis using Wireshark and live cybersecurity challenges. Furthermore, the session intended to encourage students to explore cybersecurity as a career path by providing insights into industry practices and tools used by professionals.
2. The event was conducted on 16th September 2026, starting from 11:00 AM onwards at Lab 108, Excellence Center, Block A, DPGITM, Gurugram. The session on Cyber defense in Cybersecurity was organized in the esteemed presence of Dean Academics Dr. Sarika Choudhary, Head of Department Dr. Simpi Mehta, and Associate Professor Dr. Poonam Sharma, along with representatives from CRAC Learning Foundation including Mr. Moksh Gupta and Mr. Gitesh, marking the successful continuation of industry-oriented cybersecurity training for students.
3. **Intended Participants:** The event was specifically organized for students from the Bachelor of Computer Applications and Computer Science and Engineering departments who have a keen interest in cybersecurity and emerging technologies.
4. The event witnessed the participation of 30 students from the BCA and Computer Science and Engineering departments.

5. **Agenda:**

The agenda of the session was structured to provide a comprehensive understanding of cybersecurity concepts along with practical exposure, ensuring active participation and engagement from students. The key components of the session were as follows:

a) Introduction to Cybersecurity Concepts

- The session began with an overview of cybersecurity and its significance in today's digital world.

- Students were introduced to fundamental concepts including web security and OSINT.
- The importance of identifying vulnerabilities and securing systems was emphasized.

b) Web Security and Cyber defence

- Detailed explanation of HTTP and HTTPS protocols and their role in secure communication.
- Discussion on common vulnerabilities such as broken access control and how attackers exploit such weaknesses.
- Real-world examples were used to enhance conceptual understanding.

c) Hands-on Learning using Wireshark

- Live demonstration of capturing network packets using Wireshark.
- Students learned how to analyze packet data and understand communication between systems.
- Practical exposure helped students connect theoretical knowledge with real-world application.

d) Capture The Flag (CTF) Competition

- A competitive CTF challenge was conducted on the Defhawk platform.
- Students applied their knowledge to solve cybersecurity problems and challenges.
- The activity encouraged teamwork, critical thinking, and problem-solving skills in a real-time environment.

6. Resource Persons:

- Mr. Moksh Gupta (CRAC Learning Foundation)
- Mr. Gitesh (CRAC Learning Foundation)

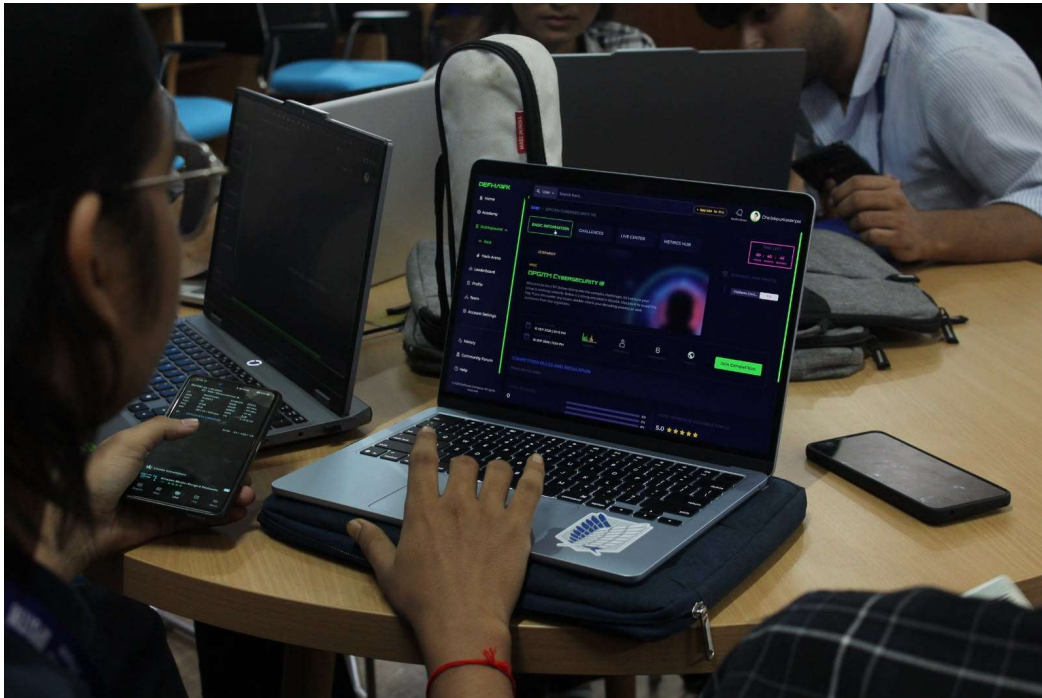
7. Outcomes:

The session successfully:

- Enhanced students' understanding of cybersecurity fundamentals and web security concepts
- Provided hands-on experience with tools like Wireshark for network analysis
- Developed analytical and problem-solving skills through practical exercises
- Encouraged active participation through the CTF competition
- Motivated students to explore cybersecurity as a potential career path.

8. Some of the glimpses of the event are attached.





9. Attendance Sheet:

 **DPG INSTITUTE OF TECHNOLOGY AND MANAGEMENT**
CRAC Cybersecurity Workshop -3
Attendance Sheet
Date: 16/9/26

S. No.	Name	Course	Semester	Signature
1	Kuldeep Kumar Sharma	CSE	3rd	
2	Pragati	CSE	3rd	
3	Prachi Thakran	AIML	3rd	
4	Deepika	AIML	3rd	
5	Jahanvi	AIML	3rd	
6	Laxmi	AIML	3rd	
7	Roshni Kumari	DS	3rd	
8	Saniya Sinha	DS	3rd	
9	Varsha	DS	3rd	
10	Sujal Singh	DS	3rd	
11	Ankit Bisht	DS	3rd	
12	Ravi Singh	DS	3rd	
13	Ayush	DS	3rd	
14	Rohit	DS	3rd	
15	Ritik	DS	3rd	
16	Varish	CSE	5th	
17	Tanisha	CSE	5th	
18	Himanshu Kapil	AIML	5th	
19	Jai Kishan	AIML	5th	
20	Manas	AIML	5th	
21	Alok Singh	AIML	5th	
22	Aditya Pandey	AIML	5th	
23	Manshi Sharma	AIML	5th	
24	Subhashree Das	DS	5th	
25	Riya	DS	5th	
26	Pampam Kumari	DS	5th	
27	Ankita	DS	5th	
28	Atulya Mehra	DS	5th	
29	Chanchal	BCA	3rd	
30	Amey	DS	5th	

Report prepared by:

Dr. Poonam Sharma

Associate Professor CSE/AIML/DS

End of the Report