

Date: 12/06/2023

The ICFAI University, Jaipur

**Report of FDP**

On

**CYBER SECURITY (EMERGING THREATS AND TRENDS AGAINST DIGITAL DEFENSES).**

**IcfaiTech**

The FDP on the “CYBER SECURITY (EMERGING THREATS AND TRENDS AGAINST DIGITAL DEFENSES)” was held from June 05-09,2023, at ICFAI university, Jaipur. The FDP was organized by the IcfaiTech in association with R-CAT(Govt. of Rajasthan) & EC Council and was attended by faculty members of IcfaiTech, Icfai Law School and other colleges, Universities including Manipal University, Poornima University, Chitkara University, MNIT,SKIT and Central University.

The FDP was started with an opening speech from Hon'ble President Prof (Dr) H P Singh, VSM, the Chief Guest of the event, who emphasized the need for cyber security awareness and the importance of protecting the organization's digital assets, in the continuation emphasis on keeping the pace up with rapidly changing and emerging technologies was done by Guest of Honor: Smt Jyoti Luhadiya, Executive Director, R-CAT., Dean IcfaiTech Dr. A.K Saini also addressed the gathering.

After the inaugural ceremony, participants were moved to Labs for interactive sessions where they discussed various topics related to cyber security like Social Engineering, Network Security and Ethical Hacking.

The interactive sessions were facilitated by the resource person Mr. Tolesh Kumar Jangid, Cybersecurity Analyst. Participants had the opportunity to ask questions and share their experiences, which led to insightful discussions.

The objective of one-week Faculty Development Program (FDP) on Cyber Security was to equip faculty members with the knowledge skills, and expertise necessary to effectively teach and research Cyber Security concepts and technologies. The FDP covered various topics such as Risk and Vulnerability Assessments, Mitigation Tools & Techniques towards the latest cyber threats and trends, how to identify and prevent phishing attacks, how to create strong passwords, and how to secure personal and sensitive data.

Among all the five days, day-1 was based on VPN, Network security controls, Ethical Hacking Risk and Vulnerability and day-2 was fully dedicated to hands on practice over NMAP, penetration tools, Introduction to honeypot, email hacking & Social Engineering.Day-3 was based on Introduction to crime, Criminology and Laws, Theories of Criminology.Day-4 was completely based on Hands-on practice over Kali Linux Metasploit Framework for Web Vulnerability Scanner & Web Server Hacking.

On 5<sup>th</sup> day all the participants visited R-CAT for Valedictory Ceremony where Mr. K.K Das gave a presentation on how R-CAT is working towards the goal to enhance competency, employability and mobility of science/engineering/technology students, the youth and mid-career professionals of Rajasthan, India. Smt. Vinita Srivastava SA (Joint Director) also gave a brief introduction about I-start up, Quizathons and various courses offered by R-CAT in different domains. The FDP ended with certificate distribution ceremony and collecting feedback of the participants.

Overall, the FDP was a great success, and we received positive feedback from the participants. The FDP achieved its objective of raising awareness about cyber security and educating

participants on how to protect themselves and the organization from cyber threats. We recommend that similar FDP to be organized in the future to ensure that our university Faculty will be well-informed and well-prepared for the challenges of cyber security.

The event was well coordinated and managed by Convener-Dr. Neeraj Kumar Verma and Co-Convener Mr. Amit Sharma, conclusion note and Vote of Thanks was presented by Dr. Neeraj Kumar Verma

The members of organizing committee of the event were Mr. Ravindra Saini, Mr. Vikash Kumar, Mr. Vishnu Barodia, Dr. Jyotsna Verma, Ms. Karuna Rani, Mr. Harsh Kumawat, Ms. Aarti Jangid

Some of the glimpses of the FDP are shown below:



