

ROORKEE COLLEGE OF ENGINEERING, ROORKEE



Department of Computer Science & Engineering
(Academic Session 2020-21)

Report One Day Workshop

on

“Cyber Defence & Network Security”

Under the TEQIP-III

(Uttarakhand Technical University, Dehradun)

Held on 29 February-2020

Dr. Yashveer Singh
(Coordinator)

Mr. Anurag Chandna
(Registrar)

Prof.(Dr.) O P Dubey
(Director)

Objective:-

The Department of Computer science & Engineering, Roorkee College of Engineering, organized a One-day Workshop on “Cyber Defence & Network Security” on 29th February 2020, at Seminar Hall . The purpose of this Workshop was to expose the students to the fields of Cyber Defence & Network Security with hands-on training.

The Guest Trainer was Mr. Siddharth Nandi, who is working as a Information Security Consultant in Ground Floor Office No. 8, 9 & 10, Tower-1, Stellar IT Park, C-25, Sector-62, Noida-201301, UP India. 75 Faculty & 80 students attended this workshop.

Inauguration & Felicitation:-

The program was started with lamp lighting ceremony of goddess Sarswati by Sagar Choudhary (Workshop Convener), Director, Dean, All Heads of Department & Coordinators. The Guest Felicitated by HOD Sir.





Welcome Speech & Overview of Workshop:-



The event started at 9.15 am with a Welcome Speech by **Ms. Sanjana Singh (AP/CSE)** who welcomed the dignitaries on the dais, as well as the faculty members and students who had assembled. **Mr. Siddharth Nandi (Corporate Trainer)**, **Prof. (Dr.) O.P Dubey (Director – RCE)** and **Prof. (Dr.) Yashveer Singh (HOD – CSE)** were seated on the dais. A brief introduction about the Trainer was given. **Dr. Yashveer Singh (HOD-CSE)** addressed the students about the

importance of Cyber Defence & Network Security and advised them to actively participate and gain hands-on training during the One-day Workshop. The Mr. Siddharth Nandi set the Workshop rolling at 9.30 am.

Mr. Siddharth Nandi trained the students on various topics in the field of Cyber Defence & Network Security.

1. Security Essentials,
2. Enterprise Threat and Vulnerability Assessment
3. Hacker Tools, Techniques, Exploits, and Incident Handling
4. Web App Penetration Testing and Ethical Hacking
5. Defeating Advanced Adversaries
6. Security Strategic Planning, Policy, and Leadership

At the forenoon session of the first day of the Workshop, i.e. 29/02/2020, he gave an introduction to Network Security and Information gathering. The students were introduced to the concept of Hoopes. The students installed the 3D Traceroute software on their laptops. They also learnt about the website whois and lookup. In the afternoon session, Mr. Siddharth Nandi taught the working of IP Scanner N map and Zen map software. The students also got hands-on training in website hacking, and working of HT Track tool. He also taught the technique to change palin text into cipher text and the working of .bat to .exe file converter tool. In the afternoon session, Mr. Nandi dealt with the working of Binder easy tool, Icon changer tool and Email tracing. He stressed the importance of Cyber Security and outlined the general precautions one should take, to avoid Cyber-attacks.





Certificate Distribution:-

Mr. Siddharth Nandi and Prof. Yashveer Singh (HOD – CSE) distributed certificates to the participants who participated in the Workshop. The Workshop concluded at 4.00 pm on 29/02/2020.





Dr. Yashveer Singh delivered the Vote of Thanks at the end of the Workshop.

