REPORT ON CYBER SECURITY (TOOLS AND TECHNIQUES)

Event Name: Workshop on Cyber Security (Tools and Techniques)
Organized by: Department of Information and Communication Technology, Marwadi University
Date: 1st April 2023
Mode: Online

Speakers

1. **Mr. Sunny**
   - Role: Xforce Red Consultant, IBM
   - Expertise: Advanced cyber security solutions, ethical hacking, and vulnerability analysis.
2. **Mr. Nishchay Singh**
   - Role: Security Consultant, IBM
   - Expertise: Cyber defense strategies, penetration testing, and data protection.

Agenda

First Session (10:00 AM - 12:30 PM):

- Fundamentals of cybersecurity and its importance in today's digital landscape.
- Overview of tools used for identifying and mitigating cyber threats.

Second Session (1:30 PM - 4:00 PM):

- Hands-on demonstration of advanced techniques in cyber security.
- Interactive Q&A on real-world applications and challenges faced by security consultants.

Key Takeaways

1. **Cyber security Tools**
   - An in-depth review of industry-standard tools such as firewalls, intrusion detection systems, and vulnerability scanners.
   - Explanation of how to use tools like Metasploit, Wireshark, and Splunk for monitoring and threat detection.
2. **Practical Techniques**
   - Methods for detecting phishing, malware, and ransomware attacks.
   - Techniques for conducting penetration testing and safeguarding sensitive data.
3. **Industry Insights**
   - Trends in cyber security threats and defense mechanisms.
   - Case studies on cyber security breaches and lessons learned.

4. **Career Guidance**
    - Opportunities in cybersecurity, skills required, and certifications beneficial for aspiring professionals.

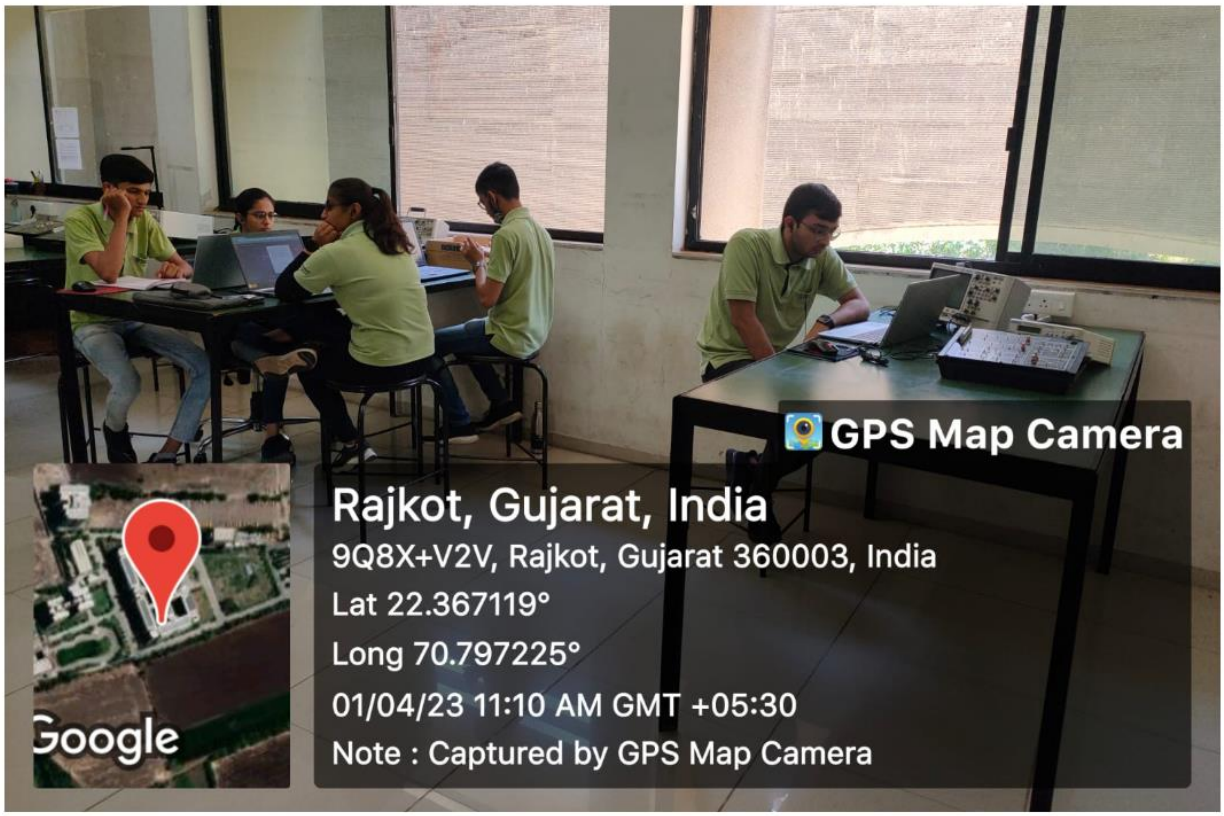
Interactive Sessions

- Participants engaged actively during Q&A sessions, discussing challenges faced in their organizations and how to implement robust cyber security frameworks.
- The speakers provided valuable insights into dealing with live threats and the future of cyber security.

Conclusion

The workshop successfully equipped attendees with foundational and advanced knowledge of cyber security tools and techniques. The expert guidance from Mr. Sunny and Mr. Nishchay Singh proved invaluable for participants aspiring to excel in the cyber security domain.

Glimpses of an Event: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9Q8X+V2V, Rajkot, Gujarat 360003, India
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Long 70.797225°
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Note : Captured by GPS Map Camera
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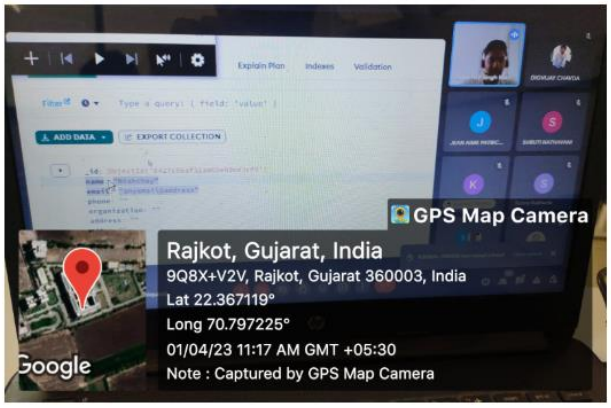
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Note : Captured by GPS Map Camera
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List of Attendees:

Sr	GR NO	Enrolment No	Student Name	Gender
1	111609	92110133001	DHANRAJSINH JYOTINDRASINH PARMAR	M
2	111621	92110133002	VISHWA PATEL	F
3	111645	92110133005	BELVINRAJA YESUBATHAMYOVAN NADAR	M
4	111667	92110133007	JANAK MANOJKUMAR PARIYA	M
5	111668	92110133008	MANN PRAGNESH DESAI	M
6	111734	92110133011	DEVANG BHARATBHAI GOHIL	M
7	111736	92110133012	SHRUTI RAJESHBHAI PITHVA	F
8	111737	92110133013	HARMY ROHITBHAI ADROJA	F
9	111810	92110133014	HARSH KIRITBHAI SAPARA	M
10	111837	92110133018	KRUNAL DILIPBHAI TRIVEDI	M
11	112183	92110133023	HARSHIL GHANISHBHAI THUMMAR	M
12	112213	92110133025	JAY SHAILESHBHAI PIPALIYA	M
13	112215	92110133026	NISHIT BIPINBHAI DUDAKIYA	M
14	112444	92110133028	DIGVIJAY PRAKASHBHAI CHAVDA	M
15	112559	92110133032	ADITYA MANISHKUMAR PANDYA	M
16	112901	92110133033	RUTURAJ DHARMENDRASINH PARMAR	M
17	114040	92100133033	LIGHTON KAMANGA	M
18	114292	92100133036	MANSIBA JITENDRASINH GOHIL	F
19	114319	92100133037	MIHIR BHARATBHAI RUPAPARA	M
20	114330	92100133039	KEVAL SHAMBHUNATH BEHERA	M
21	114407	92100133040	PRIYANK RAJNIKANT VIRADIYA	M
22	114421	92100133041	YUPIN DIPAKBHAI BHENSDADIYA	M
23	114424	92100133042	PARTH JAYENDRABHAI TRIVEDI	M

24	114425	92100133043	HEET RAMESHBHAI CHOTHANI	M
25	114454	92100133045	JATIN ARVINDBHAI SOJITRA	M
26	114476	92100133048	RUSHIRAJSINH NARENDRASINH ZALA	M
27	114505	92100133050	YENISH RAMESHBHAI RADADIYA	M
28	114514	92100133051	DHARA LALIT KORIYA	F
29	114541	92100133052	HASTI VIPULBHAI HAJIPARA	F
30	114581	92100133053	NAMRA NIRAJKUMAR RAVANI	M
31	114596	92100133055	PRASHANT GOPALBHAI NAKUM	M
32	114601	92100133056	YASH VARA	M
33	114606	92100133057	DARSHAN MAYANI	M
34	114609	92100133058	DHARMI ARVINDBHAI JAVIYA	F
35	114617	92100133059	DEVAN TUSHARBHAI BHENSDADIYA	M
36	114621	92100133060	ARJUN JENTIBHAI KUKADIYA	M
37	114626	92100133061	NIDHI DIPAKBHAI DHINOJA	F
38	114639	92100133063	RUTIK KHIMJIBHAI PARMAR	M
39	114643	92100133064	KHUSHI HARESHBHAI PANDYA	F
40	114646	92100133065	DARSHAN ASHVINBHAI PADIA	M
41	114670	92100133066	ARPIT DIPAKKUMAR AGRAVAT	M
42	114673	92100133067	DHRUVI KARTIKBHAI KOTHARI	F
43	114680	92100133068	VARTIKA PRATUL VACHHANI	F
44	114696	92100133070	BHAKTI KISHANBHAI SUKHADIYA	F
45	114699	92100133071	VENISHA DINESHBHAI PARMAR	F