"Techno-Social Excellence"

Marathwada Mitramandal's
INSTITUTE OF TECHNOLOGY(MMIT)
Lohgaon, Pune-47

"Towards Ubiquitous Computing Technology"

Department of Computer Engineering
(Academic Year 2019-20)

Report

Six Days FDP on

Cyber Security

Under the scheme of
A Ministry of Human Resource Development Govt. of India Initiative
Pandit Madan Mohan Malaviya National Mission on
Teachers and Teaching (PMMMNMTT)

Held on
From 9th Dec. 2019 To 14th Dec. 2019

Mr. S. A. Agrawal
Coordinator

Mr. S. G. Rathod
HoD

Dr. R. V. Bhortake
Principal

FDP Details

Subject: Cyber Security

Scheme: Ministry of Human Resource Development, Govt. of India Initiative
Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT)

Organized By: Marathwada Mitramandal's Institute of Technology(MMIT), Lohgaon-411 047

Date: From 9th Dec. 2019 to 14th Dec. 2019

The chief guest for the event: Mr. Amol Bagal (Project Manager for PMMMNMTT)

Resource Person:
1. Mr. Aniket Badami (Trainer, Intelligent Quotient System Pvt. Ltd [IQSPL], Pune)
2. Mrs. Seema Dixit (Trainer, Intelligent Quotient System Pvt. Ltd [IQSPL], Pune)
3. Mrs. Pradnya Pophalikar (Trainer, Intelligent Quotient System Pvt. Ltd [IQSPL], Pune)

Total no. of participants: 32

Objectives of FDP

The objective of this FDP is to train faculty with practical skills so faculty members will trained their students to identified the issues, challenges of cyber security and provide the possible solution for the same. Also sensitizing cyber security to masses at large for strengthening cashless transactions.

Inauguration & felicitation:

The program was started with lamp lighting ceremony of goddess Saraswati by Mr. Amol Bagal (Project Manager for PMMMNMTT), Principal, all heads of dept and coordinator. The guest was felicitated by Principal Sir.

Welcome speech & Overview of FDP:

In the welcome speech, Mr. S. G. Rathod (Head, Dept. of Computer Engg.) shared scheduled of six days of FDP. He made the participants aware of the importance of such technical FDP and awareness of cyber security.

Day 1:

Resource Person: Mr. Aniket Badami

He has covered the following topics:

- Introduction to Cyber Security
- Basic Networking
- Basic GNU/Linux
- Introduction to Kali Linux

In addition to that he has given the example of some real time website for calculating internet users all over the world and different secure web search engine.

He has also explained the Security Vs Privacy and given the introduction of different tools.

At the end of day participants understands important networking concepts, working with linux commands and installation process and also realize importance of security in cyber space

Goddess Sraswati Puja

Overview of FDP

FDP banner
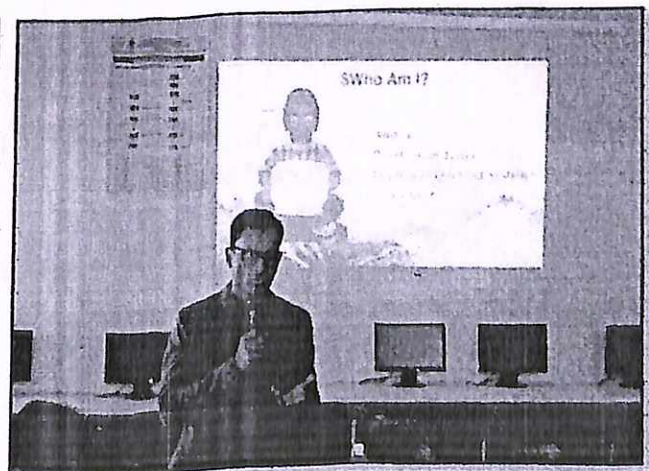
Session by Mr. Aniket Badami

Day 2:

Resource Person: Mrs. Seema Dixit

She has covered the following topics:

- Introduction to Ethical hacking
- Information Gathering
- Scanning

She has explained the above topics with examples of websites and tools. Very effectively she has conducted hands on session on various tools used for the information gathering and scanning purpose like Whois, OSINT, Nmap. Also she has explained the concept of WPA and MAC filter

At the end of day participants understands ethics of hacking, process, collecting information about target.

Session by Mrs. Seema Dixit

Day 3:

Resource Person: Mrs. Pradnya Pophalikar

She has covered the following topics:

- Vulnerability Assessment
- Exploitation & Post-Exploitation
- Client Side Attacks & Clearing Tracks

She has explained different kinds of attacks. She has highlights more points vulnerability assessment like outdated OS, outdated antivirus, weak password protection, license copy software, hardware , network...etc

At the end of day participants understands how to find loopholes, attacking vulnerable services/os.
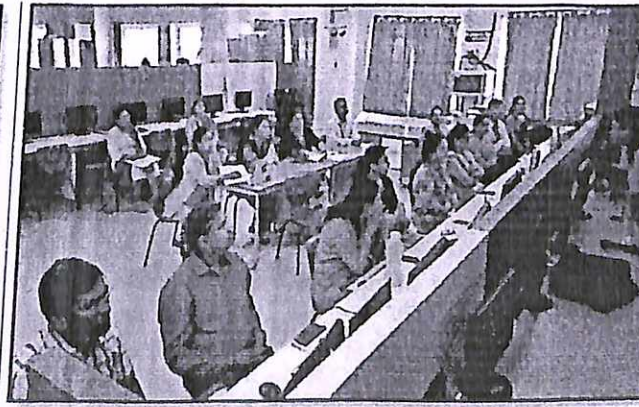
Session by Mrs. Pradnya Pophalikar

Day 4:

Resource Person: Mrs. Seema Dixit

She has covered the following topics:

- Data Security
- Windows Security
- Malware Security
- Cyber Laws of India

She has explained CIA (Confidentiality, Integrity, Availability), difference between authorization & authentication. She has conducted hands on session on window security specially folder security. Participants has checked the integrity of data by using different tools like Rainbow table, MD5 Hash Generator & Crackstation. Participants has calculated hash value of their password by using Recuva tools. She has explained the details of Malware ,Trojan & Cyber laws.

At the end of day participants understands how to implement encryption on their data using cryptography technique, implementing browser based security for your safe internet experience and familiar with the Indian cyber laws.
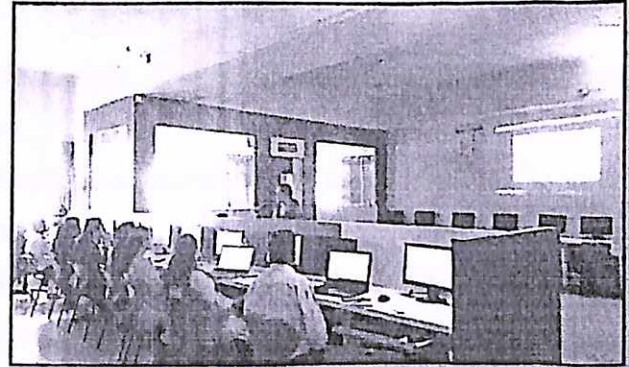

Session by Mrs. Seema Dixit

Day 5:

Resource Person: Mrs. Pradnya Pophalikar

She has covered the following topics:

- Web Apps Basics
- Web Applications Assessment
- Burp Suite Introduction
- SQL Injection
- Cross-Site Scripting

She has explained different web applications & threats with example like QWASP Trust, inurl. She has explained the advanced SQL injection tool like Havij. She had conducted the hands on session on hijacking.

At the end of day participants understands the work of web applications, finding loopholes in web based services or applications, exploiting sql.

Session by Mrs. Pradnya Pophalikar

Day 6:

Resource Person: Mrs. Pradnya Pophalikar & Ms. Kajal Pampatwar

She has covered the following topics:

- File Upload Exploit
- Parameter Tampering
- Browser Security
- Mobile Security

She has explained parameter tampering with example. Also she has explained that how security measure can be used in web browser and for mobile.

At the end of day participants understands that how different security measures can be used while using the any web browser and when handling the mobile.

After session, Ms. Kajal Pampatwar has conducted the online test based on 6 days FDP contents. Also she has taken the online & offline feedback of the participants. Very good suggestion she has received from the participants likes:

- Online test should be conducted at the end of each day
- Such workshop should be arranged for students also
- Such FDP should be conducted for more than 6 days

Valedictory Function:

Prof. S. A. Agrawal gave the vote of thanks expressing the gratitude towards resource person for sparing their valuable time from their busy schedule. He expressed special thanks to Prof. (Dr.) R.K.Kamat, Dr. Kavita S. Oza and Dr. Kabir G. Kharade from Shivaji Univerisity, Kolhapur for giving the opportunity to arrange this FDP. He expressed thanks to Management for supporting and to Principal for motivating to arrange the FDP.

The participants of the FDP wish to thank all resource person, and all the staff from MMIT for their dedication to show all aspects of the process, making the FDP is a valuable learning experience

Program Outcomes

- Enriched knowledge of faculties about cyber security through interaction with experts
- Faculties have benefited by this FDP and understood the basics of issues, challenges of cyber security.
- Faculties have got the idea how to prevent from cyber crime

Enclosure

1. FDP Brochure
2. FDP Poster
3. FDP Schedule
4. List of Participants
5. Attendance of Participants

PMMMNMTT Resource Centre in Cyber Security & Data Sciences

Faculty Development Program on Cyber Security during
9th December, 2019 to 14th December, 2019

Venue: Marathwada Mitramandal's Institute of Technology (MMIT),Lohgaon, Pune

Attendance

Sr. No	Name	09/12/2019	10/12/2019	11/12/2019	12/12/2019	13/12/2019	14/12/2019
1.	Aishwarya Shahaji Mane	*signature*	*signature*	*signature*	*signature*	*signature*	*signature*
2.	Amit Eknath Sonawane	*signature*	*signature*	*signature*	*signature*	*signature*	*signature*
3.	Amol Babaso Majgave	*signature*	*signature*	*signature*	*signature*	*signature*	*signature*
4.	Biradar Ashwini			AB			
5.	Dinesh Satre			AB			
6.	Dr Milind Sitaram Kale	*signature*	*signature*	*signature*	*signature*	*signature*	*signature*
7.	Dr.Sagar Jambhorkar	*signature*	*signature*	*signature*	*signature*	*signature*	*signature*
8.	Gaurav Tiwari			AB			
9.	Komal Surawase	*signature*	*signature*	*signature*	*signature*	*signature*	*signature*
10.	Megha Vishal	komal	kmml	komml	komal	komal	komal
11.	Monal Rajendra Torney	manal	manal	AB	kamal	kamal	kamal
12.	Mr. CHAITANYA RAJENDRA MANKAR	chaitanya	chaitanya	Dard	Chaitanya	monal	monal
13.	Mr. Sanjay Anil Agrawal	Gau	Gau	Chaitanya	chaitanya	chaitanya	chaitanya
14.	Mrs. Bharati Pavan Vasgi	*signature*	Gau	Gau	Gau	Gau	Gau
15.	Mrs. Devyani Jitendra Bonde	*signature*	*signature*	AB	*signature*	*signature*	*signature*
16.	Mrs. Mrunal Swapnil Aware				AB		
17.	Mrs. Patil Mohini Sachin			AB	AB		
18.	Mrs. Shwetal Patil	skpahi	skpahi	skpahi	skpahi	skpahi	skpahi
19.	Mrs.Tejaswini Sunil Bhoye	*signature*	*signature*	*signature*	*signature*	*signature*	*signature*

No.	Name				
20.	Narendradatta Shankarrao Kadam				
21.	Nilima Bobade				
22.	Pallavi Madhukar Shimpi	Pallavi PMORE	Pallavi PMORE	Pallavi PMORE	Pallavi PMORE
23.	Pournima Maruti More	PMORE	PMORE	PMORE	PMORE
24.	Pradeep Naganath Deshmukh		AB	AB	
25.	Pranjali Vilasrao Deshmukh	Pm	Pm	Pm	Pm
26.	Prasanna Sagar Madabhave		AB		
27.	Pratima S. Patil		AB		
28.	Priyanka Chandrakant Waghmare		AB		
29.	Priyanka Tikekar	Patlln	Patlln	Patlln	Patlln
30.	Prof. Chaitanya Bhosale	CBhosale	CBhosale	CBhosale	CBhosale
31.	Prof. Rashmi Tundalvar		AB		
32.	Prof.Jitendra Bakliwal		AB		
33.	Prof.Mangal Kotkar		AB		
34.	Prof.Sarika Patil		AB		
35.	Rathod Ravindra Baburao	BC	BC	BC	BC
36.	Renuka Subhash Tanpure		AB		
37.	Rutuja Vilas Kotkar				
38.	Sagar B Deokar		AB		
39.	Sarita Avinash Patil		AB		
40.	Smita Samrat Mande		AB		
41.	Smita.A. Badarkhe				
42.	Sneha		AB		
43.	Sneha Kishor Deshmukh				
44.	Sneha Shinde				
45.	Sonali Chavan				

No.	Name	Sign	Sign	Sign	Sign	Sign	Sign
46.	Sonali S. Muley						
47.	Subhash Gulabrao Rathod						
48.	Sujata Asabe						
49.	Suvarna Rajendra Satkar	Suvarna	Suvarna	Suvarna	Suvarna	Suvarna	Suvarna
50.	Swapnil Chaudhari	Swapnil	Swapnil	Swapnil	Swapnil	Swapnil	Swapnil
51.	Swapnil S. Shinde	Sshinde	Sshinde	Sshinde	Sshinde	Sshinde	Sshinde
52.	Umakant Laxman Tupe	Gupe 4.12.19	Gupe	Gupe	Gupe	Gupe	Gupe
53.	Vidya Santosh Dhamdhere						
54.	Vilas G Mankar						
55.	Wayal Navnathlaxman						
56.	Yamini Warke						

57. Umesh P Mohari   VPMohari VPMohari VPMohari VPMohari VPMohari VPMohari

59. Chitra v. Deonmul   09-12-2019   10-12-2020   11-12-2020   12-12-2015   13-12-2013   14-12-2019

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