

Rajarshi Shahu Mahavidyalaya (Autonomous), Latur
Academic Year (2019-2020)

Department Of Computer Science

Summary Report

1)Title of Programme	FDP on Cyber Security		
2)Name of Organizing Department/Unit	Department of Computer Science		
3)Name of Coordinator/Convener/Organizer	Dr. R. R. Londhe		
4)Date Of Programme	16 September 2019 TO 21 September 2019		
5) Venue:	Department of Computer Science		
6) Target Group	Asst. Professors /Teachers of nearby Area		
7) Number of participants:	Male	Female	Total
	33	22	55
8) Names and Details of Resource Person if any:	Shri Amol Bagal Master Trainer & Business Development Manager (BDM) for TATA Communication, IT Security Services and Solutions and Lead Trainer at IQSPL.		
9) Total Expenditure for the Programme:	Nil		
10) Source of funding	Nil		

Title: FDP on Cyber Security

Organizer: Dr. R. R. Londhe

Date: 16 September 2019 TO 21 September 2019

Venue: Department Of Computer Science

Introduction: A highly informative faculty development program on “Cyber Security ”was conducted It is jointly organized by Resource Centre in Cyber Security and Data Sciences, Shivaji University, Kolhapur and Department of Computer Science of our college under Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT) from 16-09-2019 to 21-09-2019. The event sponsored by MHRD was held in the Computer Science Department. Valuable talks on various topics by eminent Professors from reputed institutions and industries marked the content of this one week program.

The Faculty Development Programme was inaugurated on the second day by the auspicious hands of Honourable Dr.Gopalraoji Patil, President Shiv Chhatrapati Shikshan Sanstha, Latur in presence of Principal of college Dr Mahadev Gavhane , Vice-principals Dr A. J. Raju , Dr E U Masumdar .

Objectives of the Programme/ issues addressed:

- To aware Faculty members about Cyber Security and ethical hacking. To gain the practical knowledge of Ethical Hacking. How Kali Linux, Virtual Box are used practically for hacking.

Details of Participants:There were 55 Participants in the Faculty Development Programme they are Asst. Professors /Teachers of near by Area.

Brief Summary of Events/ Sessions:

DAY 1 16-09-2019

On 16-09-2019 a speech on “importance of security in cyber space”by Shri Amol Bagal Master Trainer & Business Development Manager (BDM) for TATA Communication, IT Security Services and Solutions and Lead Trainer at IQSPL. He had given a complete picture about the concerned topic with clear explanations about its definition, objectives, origin with a detailed description of

the networking concepts, working with linux commands and installation process.

The afternoon session of the day was devoted to a talk by Mr. Bagal The topic was “Basic GNU/Linux ”and it was very much interesting as it had a spontaneous interactive mode placed on. Mr Bagal introduced about the Kali Linux, basics of Kali Linux, Linux Commands were put forward in all their dimensions thereby leading to a better understanding.

DAY 2 17-09-2019

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The second day was dedicated to the understanding about ethics of hacking, process of hacking, collecting information about target for hacking and practical based group activity.

In afternoon session we had information about Ethical hacking, information gathering and scanning for ethical hacking, installing the virtual box 6.0.12 wizard, checking of IP addresses, prevention of bank frauds and website attacks through social engineering and cloning of the websites.

At the end of second day we had the group activity concentrating the live machine enumeration.

DAY 3 18-09-2019

Third day had a fresh start with a session on “Vulnerability Assessment ” put forward by the resource person Mr Sahil Gaikwad. He had explained how to find loopholes in the website, attacking vulnerable services/os and practical based group activity, the vulnerability assessment exploitation;

In afternoon session, he focused on the identifying duplicate domains of websites and showed us how the CCTV cameras can be hacked and protection of this hacking. At the end of third day we had a metasploit group activity about live machine exploitation, and attacking with Tbomb to mobile and email accounts.

DAY 4 19-09-2019

The fourth day was reserved for android mobile phone hacking, understanding how to implement encryption on your data using cryptography technique, implementing browser based security for safe internet experience.

Afternoon session was started with speech on “Malware Security” understanding Indian cyber laws. At the end of fourth day we had question answer session and there Sahil sir taught us about downloading movies and books from the internet freely.

DAY 5 20-09-2019

The fifth day was concentrated on prevention of bank frauds, understanding the work of web based applications, finding loopholes in web based services like net banking, online shopping, exploiting sql and practical based group activity.

In the second session of the fifth day Sahil sir also explained about the importance of Antivirus in the computer and mobile. On fifth day we had visit to some of our departments namely Physics and Electronics, CEP, Language laboratory, Conference hall, Examination section, IQAC, Placemat Cell, Library and Chemistry and Analytical Chemistry wherein participants observed the work going on in the college.

DAY 6 21-09-2019

On final day we have sessions by Mr. Amol Bagal, wherein we understood the working of web applications, identifying the loopholes in web based services, File Upload Exploit, Parameter Tampering.

At the end of final day we had Valedictory function and question answer session followed by “Browser Security” and “Mobile Security”. At the end of session a online exam was conducted by resource person.

Conclusion, with Feedback on the Programme:

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

Geotag
Photograph

Day 1



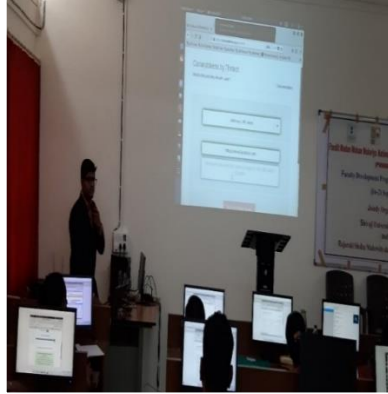
Day 2



Day 3



Day 4



Day 5



Day 6





Feed Back Given by Participant : Dr. Rohini Shinde

Any Other
Publicity
Material:
Notices