Bharati Vidyapeeth
(Deemed to be University)
College of Engineering, Pune (India)

Online Short-Term Training Program
On
Cyber and Network Security Infrastructure Configuration

Sponsored by AICTE under AQIS

Date: 30 / 11 / 2020 to 05 / 12 / 2020

Organised by:
Department of Computer Engineering
Bharati Vidyapeeth
(Deemed to be University)
College of Engineering, Pune (India)

Bharati Vidyapeeth (Deemed to be University), Pune, INDIA

Bharati Vidyapeeth (Deemed to be University) (BV(DU)) is one of the largest multi-disciplinary university in India having 29 Constituent Institutions located in eight sprawling campuses which offers 278 plus academic programs. The university started functioning on 26 April 1996 and has earned reputation of being one of the top Universities in India. University has been accredited to 'A' Grade by NAAC in 2004 and in 2011. It has reaccredited to 'A+' Grade by NAAC in 2017. It is also recognised as Category I university by University grant Commission, India. In NIRF 2020, BV(DU) bagged 63rd rank among universities

BV(DU) College of Engineering, Pune (India)

BV(DU) College of Engineering, Pune (BV(DU)COEP) is one of the well-known and well appreciated institutes imparting technical education since 1983. The institute has been ranked among top 100 Engineering colleges of India by National Institutional Ranking Framework (NIRF) of MHRD, GOI successively for five years. Internshala ranked this Institute to 46th at National level and 8th in West Zone for Best Internship record. Atal ranking of Institute Innovation and achievement initiated by Ministry of Education, GOI has ranked this institute among top 50 at national level for innovations in the institute. The successful interaction with industry has resulted in getting this institute a Platinum Category status by AICTE - CII. Many other ranking agencies such as DATAQUEST - CMR (3rd), Times of India (23rd), India Today (13th), & Outlook (46th) have ranked this institute among top 100 Engineering Colleges in India.

Department of Computer Engineering

The Department of Computer Engineering was established in 1985. The department has forged a path of innovation in research and teaching in the field of computing technologies at both the undergraduate and graduate levels. Till date more than 3000 undergraduates and 400 Postgraduates have graduated from the department. As a result of Computer Engineering department initiative, the institute has received the status of VMware IT Academy which is reflected to be a Centre of Excellence. The Program B.TECH. (Computer Engineering) being run in this department has been accredited by National Board of Accreditation, India for last fifteen years. The Department has successfully completed a number of sponsored research projects funded by various government and private funding agencies. The Department has state-of-the-art infrastructure and computing equipment supported by high speed Ethernet and wireless networks. The faculty and research scholars of the Department are actively engaged in research activities in several areas of current research topics like Machine Learning, Artificial Intelligence, Software Engineering and Information and storage Systems etc. There are more than 500+ research papers published in various journals and conference proceedings that are indexed in SCI, SCOPUS and other standard databases.

STTP on Cyber and Network Security Infrastructure Configuration

The proliferation of data has led to huge amount of scope and potential in extracting the information and thereby making decisions for running the business. The source of these data is mainly from the Social networking platforms. the users who generate their data requires their privacy to be protected along with their data. The current development in India like digital India initiatives encompass huge amount and variety of applications that include a large base of users. This STTP will cover the various challenges in securing the privacy of users and data. it will also encompass a hands-on session using Linux kali to configure the systems to protect from data theft and privacy preserving.

Objectives

- ❖ Train 40 Faculty Members on Cyber Security
- ❖ Building networks of professional.
- ❖ Sensitizing cyber and network security to masses at large for strengthening the use of digital India applications and initiatives.

STTP Contents

- ❖ Introduction of Attacks and Hacking Methodology.
- ❖ Introduction of Kali Linux.
- ❖ Enumerations/Scanning (Kali Linux)
- ❖ Vulnerability Analysis (Kali Linux)
- ❖ System and password Hacking
- ❖ Virus and Worm Concepts.
- ❖ Social Engineering Attack
- ❖ Man-in MIDDLE Attack with Kali Linux
- ❖ Advance Hacking Web Servers
- ❖ Steganography

Outcomes

- ❖ Obtain the understanding of how automation is changing the concepts and expectations concerning privacy and the increasingly interconnected issue of security.
- ❖ Identify Factors driving the need of cyber and network security.
- ❖ Identify the type of attacks.
- ❖ Identify network vulnerabilities.
- ❖ Use Kali Linux for enhancing security.

Registration Link

Click here to Register:
https://forms.office.com/Pages/ResponsePage.aspx?id=XhfCu9FS1k68OjrEefWDnTkQ3UzmsTxFnKpjzCOZRo9UNkdXQ0xVU1ZHR0lQNDYzRzZGUlpKREZYUS4u

Participants and Selection Procedure

The STTP is open to faculty members of AICTE approved Engineering Institutes and Industry professionals. There is **NO REGISTRAION FEES** for the participants. The selection will be based on the FIRST COME FIRST SERVE basis.

Patrons

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(Deemed to be University)

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Bharati Vidyapeeth
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