Bharatiya Vidya Bhavan's

Sardar Patel Institute of Technology

PRESENTS

Two days hands-on workshop on

"Cyber Security"

8th and 9th October 2016

Organized by

Sardar Patel Institute of Technology,
Munshi Nagar, Andheri (W),
Mumbai 400 058
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Vice Principal	**Principal**
Dr. Y. S. Rao	Dr. Prachi Gharpure

ABOUT US

In 1957, the Bharatiya Vidya Bhavan conceived the idea of establishing an engineering college in Mumbai. In 1995 Self Financed Engineering Course were added to it and it functioned as SPCE (Unaided-wing) conducting Electronics Engineering, Computer Engineering and Information Technology courses and Masters course in Electronics since 2005 till 2008. These courses have earned a great reputation in the field of engineering education, as well as industry. Bharatiya Vidya Bhavan's Sardar Patel College of Engineering, Unaided Wing from year 2005-2006 was established in its new building under the name and style of Bharatiya Vidya Bhavan's Sardar Patel Institute of Technology and is affiliated to Mumbai University.

ABOUT THE PROGRAM

"There's no excuse for computer misuse"

In the cyber world, every detail about you can be exploited by someone. It's the very basic need to remain safe while surfing, downloading, sending and online transactions. This workshop will provide participants with in-depth knowledge and skills to protect their information. The sessions will immerse candidates into hands-on environment where they will acquire understanding of various computer and network security threats using various operating environment and open source tools.

"ELECTRICITY is powerful, invisible, and dangerous. So is INFORMATION. Be Careful With BOTH!"

OBJECTIVES

- To understand the importance of cyber security.
- To experiment the effect of various attacks in real world.
- To analyze the security concern in desktop, mobile and wireless environment.
- To configure the system to avoid intrusion.

EXPECTED OUTCOMES

After successful completion of this training program, students will be able to:

- Understand the concept of cybercrime and its effect on outside world.
- Identify and mitigate software security vulnerabilities in existing systems.
- Apply tools and techniques to detect and analyze various attacks.
- Apply Information Security during software design and development.
- Learn the skills and knowledge required to support and secure network environments.

COURSE CONTENT

The workshop involves eight sessions as described below:

Note- Prerequisite session on Friday 07th October 2016, 4.00 pm to 6.00 pm

Day 1 (9.00 am to 5.00 pm)

Session 1: Current Trends

Session 2: Foot Printing and Reconnaissance

Session 3: Scanning and Sniffing

Session 4: Malware Threads

Session 5: Enumeration and System Hacking

Day 2 (9.00 am to 5.00 pm)

Session 1: Phishing and Pharming Attacks

Session 2: Denial of Service Attack

Session 3: Session Hijacking

Session 4: Hacking Web Servers

Session 5: Hacking Web Application

Session 6: Hacking Wireless Networks

Session 7: Hacking Mobile Platforms

Session 8: Network security tool

PATRONS

Dr. Prachi Gharpure

Principal, Sardar Patel Institute of Technology

Dr. Radha Shankarmani

Head, Department of Information Technology

Dr. Pooja Raundale

Head, Masters in Computer Application

RESOURCE PERSONS

Mr. Nilesh Sapariya, Cyber Security Dept, Deloitte, Mumbai

Prof. Mahendra Mehra, CEH, Fr. C.R.C.E, Bandra

Prof. Renuka Pawar, CEH, Sardar Patel Institute of Technology

Prof. Sakina Shaikh, Sardar Patel Institute of Technology

Prof. Rashmi Deshmukh, Sardar Patel Institute of Technology

VENUE

Lab no. 403, 4th Floor, MCA Department

COURSE FEES
Rs. 600/-

REGISTRATION

Those wish to attend this course should register online at:

https://goo.gl/forms/SeI89sMkrK7jw7Ez1

LAST DATE OF ONLINE REGISTRATION
2nd October 2016

CONTACT INFORMATION

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To,
Sardar Patel Institute of Technology,
Bhavan's Campus, Munshi Nagar,
Andheri (West)
Mumbai- 400058.

Name: _____

Qualification: _____

College: _____

Address for correspondence:
_____
_____
_____

Email: _____

Mobile No.: _____

Payment by Cash/Cheque/DD (DD drawn in favor of **"Principal S.P.I.T"** payable at Mumbai):

Cheque/DD No.: _____

Dated: _____

Amount Rs: _____

Bank: _____

Signature of the Participant