

# Gujarat Technological University

## PG Research Centre for Cyber Security

Organizes

SHORT TERM TRAINING PROGRAMME ON

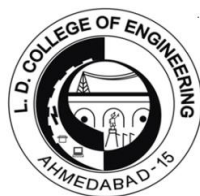
## “Privacy, Security Engineering and Ethical Hacking”

Under ISEA Phase-II Project  
(20/06/2016 to 24/06/2016)

In COLLABORATION with

Information Technology Department

L. D. College of Engineering, Ahmedabad



### Chief Patron

Dr. Akshai Aggarwal, Vice Chancellor, GTU

Dr. G. P. Vadodaria, Principal, LDCE

### Convener

Prof. H. M. Diwanji

### Coordinators

Prof. B. B. Panchal, Prof. S. J. Patel, Prof. M. K. Panchal,

Prof. Darshan Patel

### Co-Coordinator

Prof. S. A. Solanki, Prof. J. S. Vithalpara, Prof. Alka Patel

Prof. N. P. Desai, Prof. R. R. Patel, Prof. N. S. Trivedi

Prof. A. R. Patel

## Objective of the Workshop

At the end of the course participant will be able to:

- Understand various types of Malware and Malware Detection techniques.
- Know about Security Matrices and Privacy Invasion.
- Use Ethical issues and Social Engineering issues in security.
- Aware about IP Surveillance and Port Scanning.
- Hacking in UNIX and attacks

## Brief outline of the Workshop

The workshop mainly focuses on Privacy, Digital Security and Ethical Hacking. The course content is Malware and detection techniques, Security matrices and audits, IP Surveillance, Port scanning, Trusted and Untrusted Networks, Hacking UNIX etc. Lab sessions are arranged so that participants will have hands-on in Malware, Security and ethical issues.

## Resource Persons

Participants of the Workshop will be benefited by rich experience of faculty from L D College of Engineering, Shantilal Shah Govt. Engineering College, Nirma University, and DAIICT.

## About the Venue – L. D. College of Engineering

L. D. College of Engineering, Ahmedabad is a premier engineering college in Gujarat State set with the objectives of imparting higher education in various fields of engineering.

The institute is affiliated to GTU and administrated by Department of Technical education, Gujarat State.

## Gujarat Technological University, Ahmedabad

Gujarat Technological University (GTU) was established in 2007. It was established with a view to provide uniform and advanced academic platform to the Engineering, Pharmacy and Management institutes of Gujarat.

## The Information Technology Department

L. D. College of Engineering, Information Technology Department has vision - To achieve excellence in engineering education and be the first choice for all students, society and industry where quality is the way of life and to lead in key areas such as networking, testing, and web development. Department of Information Technology plays vital role in education. The department aims is to apply the knowledge and expertise on student by focusing on the overall development which will help them to meet the present and future requirements of the IT industry in global world.

## GTU PG Research Centre for Cyber Security

Cyber security is an increasingly essential requirement for contemporary society and universal market. We exist in a data-centric world, where information security is much needed to pervade every aspect of our lives.

GTU PG Research Centre for Cyber Security running **M.E. in Computer Engineering (IT Systems and Network Security)** program targeted towards grooming students in the area of human-computer interaction and Information System and Cyber Security.

## Registration Form

# “Privacy, Security Engineering and Ethical Hacking”

20<sup>th</sup> June 2016 to 24<sup>th</sup> June, 2016

1. Name: \_\_\_\_\_

2. Designation: \_\_\_\_\_

3. Department: \_\_\_\_\_

4. Institute: \_\_\_\_\_

5. Address: \_\_\_\_\_

6. Mobile no: \_\_\_\_\_

7. E-mail Address: \_\_\_\_\_

8. Qualification: \_\_\_\_\_

\* The workshop is free. No registration charges.

First 50 participants will be accommodated on first come first serve basis. No TA/DA and accommodation will be provided.

Date: \_\_\_\_\_ Signature of Applicant

Place: \_\_\_\_\_ Signature of  
Sponsoring authority & Seal

## Target Group

The Workshop is aimed at increasing the interest of PG and PhD Students, faculty members and industry professionals in the subject. All engineering branch faculty members from degree/diploma colleges and industry professionals can also apply for this program.

## Registration Charges

This workshop is free for the GTU students and faculties but they have to fill the registration form.

## Course Content

- Malware
- Malware Detection Techniques
- Privacy Implication of RFID technology
- Types of Security Audits
- Ethical issue
- Trusted and Untrusted Networks
- IP Surveillance
- Port scanning
- Using SD Cards
- IP and MAC spoofing
- Hacking UNIX
- Various types of attacks

## Important Dates

Last date for Registration : 10/06/2016

Declaration of the

Short-listed participants : 15/06/2016

## How to apply

Interested participants are requested to complete the attached registration form. After due sponsorship (for faculty), it should reach us on or before 10<sup>th</sup> June, 2016. Candidate should send dully filled scanned copy to Prof N. P. Desai, on [hodit.ldce@gmail.com](mailto:hodit.ldce@gmail.com) and hard copy should be brought on first day of training.

And also apply through Google form:

<http://goo.gl/forms/hxpSiWjb6EYnv5Hr2>

Applying through Google form is compulsory.

## Venue

Information Technology Department,  
L D College of Engineering  
Navrangpura Ahmedabad-380015  
Phone: +91-79-26306752, 26300735  
For further query contact:

To,

Prof N. P. Desai (Co-Coordinator),  
Information Technology Department  
L.D College of Engineering, Navrangpura,  
Ahmedabad -380015, Gujarat

Email: - [hodit.ldce@gmail.com](mailto:hodit.ldce@gmail.com) Mobile: 9879606051.  
Send scanned soft copy through mail and submit  
hardcopy on first day of this STTP.