

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

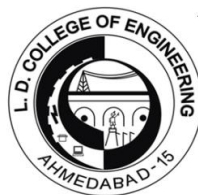
ISTE approved

(20/06/2016 to 24/06/2016)

In COLLABORATION with

Information Technology Department

L. D. College of Engineering, Ahmedabad



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Dr. Akshai Aggarwal, Vice Chancellor, GTU

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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. 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 persons from Industry (elitecore, net-square solutions) as well as academicians from L D College of Engineering, Shantilal Shah Govt. Engineering College.

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”

20th June 2016 to 24th June, 2016

1. Name: _____

2. Designation: _____

3. Department: _____

4. Institute: _____

5. Address: _____

6. Mobile no: _____

7. E-mail Address: _____

8. Qualification: _____

9. ISTE Membership Number _____

* The workshop is free. No registration charges. **First 50 participants** will be accommodated and they will be informed by email. No TA/DA and no 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

Preferably, **ISTE Members** will be accommodated in the training program. After approval of authority (for faculty), the form should reach us on or before 11th June, 2016. Candidate should send dully filled scanned copy to Prof N. P. Desai, on hodit.ldce@gmail.com and hard copy should be brought on first day of training. All participants have to pay **Rs.150/- fees of ISTE.**

And also apply through Google form:
<http://goo.gl/forms/ZBP5Gog3yIIQaGyp1>
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 Mobile: 9879606051.
Send scanned soft copy through mail and submit
hardcopy on first day of this STTP.