

**AICTE-ISTE Approved and GUJCOST#  
Sponsored STTP on Ethical Hacking and  
Cyber Security**

### Registration Form:

Name: \_\_\_\_\_

Designation: \_\_\_\_\_

Organization: \_\_\_\_\_

Address of Correspondence:  
\_\_\_\_\_  
\_\_\_\_\_

Email Id: \_\_\_\_\_

Contact No.:

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I am enclosing a demand draft in favor of  
'LDRP- ITR', payable at Gandhinagar as registration  
fees.

#### Details of Fees amount

Cheque/ DD No.:

Amount :

Name of Bank with Branch:  
\_\_\_\_\_  
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\_\_\_\_\_  
Sign Of Participant

\_\_\_\_\_  
Sign and Seal of Sponsoring organization

### Chief Patrons

**Dr. Kanubhai Patel**  
President, SVKM

**Shri. Vallabhbai M. Patel**  
Chairman, SVKM  
President, KSV

### Advisor

**Dr. Gargi Rajpara**  
Director (I/c), KSV  
Principal, LDRP ITR

### Organizing Team

**Dr. H. B. Patel**  
Head, Computer

**Prof. Mehul Barot**  
Head, IT

**Vishal H. Nayak**  
Computer Dept.

**Pratik Modi**  
Computer Dept.

### Correspondence

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**LDRP Institute of Technology and Research**  
**Nr. Kh-5 circle, Sector-15, Gandhinagar,**  
**Gujarat-382015**



**AICTE-ISTE  
Approved and GUJCOST#  
Sponsored One Week STTP on**

# Ethical Hacking and Cyber Security

**7<sup>th</sup> to 11<sup>th</sup> May 2018**



**Organized By**

**Department of  
Computer Engineering and  
Information Technology**

**LDRP Institute of Technology & Research**  
(A Constituent Institute of Kadi Sarva Vishwavidyalaya)

**Kh-5 Circle, Nr. ITI, Sector - 15,  
Gandhinagar, Gujarat- 382015**

**Phone: 07923241492  
[www.ldrp.ac.in](http://www.ldrp.ac.in)**

## About KSV

Kadi Sarva Vishwavidyalaya is a University established vide Gujarat State Act 21 of 2007 in May 2007 and approved by UGC. The University has been setup by Sarva Vidyalaya Kelavani Mandal, a trust with 99 years of philanthropic existence to provide need based education and develop courses of contemporary relevance, to be a University of excellence by providing research & skill based activities and training which would foster higher economic growth and to provide education to all irrespective of caste, creed, religion etc.

## About LDRP ITR

LDRP INSTITUTE OF TECHNOLOGY AND RESEARCH (LDRP-ITR), Gandhinagar was established in 2005-2006. The college has made steady progress during the past twelve years of its existence. As a prestigious state institute, LDRP-ITR has long recognized role in engineering education, generation and dissemination of useful & relevant technological, industrial & economical development of the country. The institute has contributed in the application of science & technology in the service of the society through different programs of International aid & assistance. The institute has all along endeavored to discharge its obligations successfully with the efforts of its faculty expertise & well developed world class facilities.

## About Departments

Departments of Computer Engineering and Information Technology of LDRP-ITR were established in the academic year of 2005 and 2008 respectively, with a goal to offer higher technical education in the domain of computer engineering & IT to the students who starve to learn latest trends and technologies in the domain of ICT. The departments continuously make sincere efforts in making the students competent in the global community with their own unique identity in terms of skills, ethics and knowledge. The departments are having state-of-the-art laboratories with latest configured computers (including Apple's MAC) & other peripherals. Having sufficient number of qualified faculty members, the departments offer undergraduate programmes (B.E. Computer Engineering and B.E. Information Technology) and Postgraduate programme (M.E. Computer Engineering).

## About Programme

Ethical Hacking & Cyber Security has been one of the key research areas over the last decade in the domain of Information & Communication Technology. More and more users and organizations are moving towards the usage of Hacking & Security. Educational institutes have also started incorporating the same in their curricula. For such type of emerging thrust area, it is essential to train the stakeholders (especially the faculty members who teach such type of courses). Hence, we propose this Short Term Training Program (STTP) to benefit all the stakeholders in educational institutions and other research organizations. This STTP is five days training program for faculty members, working professionals, PhD Scholar and Post Graduate Students of various institutes and organization of the state/nation. The participants will be given hands on training sessions in the state-of-the-art laboratories of departments. Eminent experts are invited to conduct their expert sessions and train the participants through various classroom and laboratory activities.

## Course Contents

- Introduction to Ethical Hacking
- IP Hiding and Bypassing Restrictions, Proxy Servers, VPNs and Proxy Bouncers, HTTP Tunneling
- Spoofing Attacks, Google Dorking, and Website Enumeration
- Trojans, Key loggers and Spyware Attacks, Password cracking Attacks, DOS attacks, Distributed DOS Attacks
- Windows Vulnerabilities, Web attacks, Session & Website Hijacking, Social Engineering, Web shells
- Phishing Attacks, Cross Site Scripting Attacks, Data Sniffing
- ARP poisoning, SQL Injection, Attack with Backtrack/Kali
- Shell Attacks, Bind Shell Attacks, Wi-Fi Cracking , WEP Cracking WPA Cracking, WPA2 Cracking
- Computer Forensic, Social Engineering Toolkit Attacks
- Network Security– Firewalls, Gateway Devices, Antivirus, Anti-Spam, proxy
- Security and Performance Evaluation of Security Protocols
- IEEE and CSI Case studies on Cyber Security
- Industrial Visit

## Resource Persons

Renowned experts from Industry and Academia are expected to cover-up the course contents.

## Important Dates

**Last date for receiving the duly signed filled-in Application: 30<sup>th</sup> April 2018**

## Registration Fees

Research Scholar	₹1000
Academic Institutions/Government Organization/ R & D Organization	₹1200
Industry Person	₹1500