



# Ethical Hacking Workshop

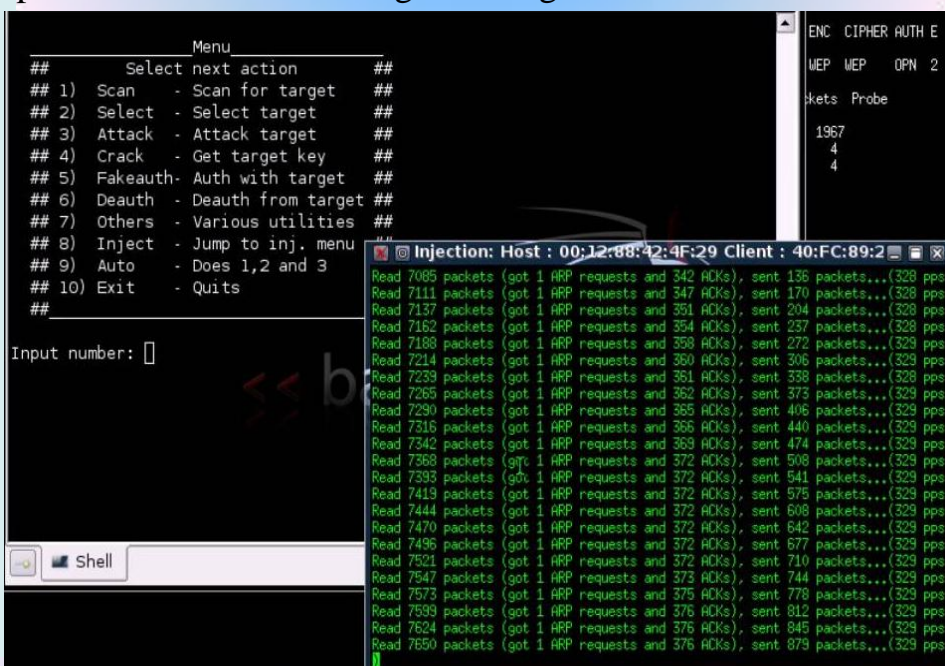
Organized by: Department of Computer Science & Engineering

Date: 24-04-15, Venue: RIST, Technocity.

Registration Fee: Rs 500/-  
Last Date of  
Registration: 20/4/15

## Introduction:

- A computer and network expert who attacks a security system on behalf of its owners, seeking vulnerabilities that a malicious hacker could exploit.
- To test a security system, ethical hackers use the same methods as their less principled counterparts, but report problems instead of taking advantage of them.



## Organizing Committee:

1. Mr. M. Hoque, Chairman ERDF, Patron
2. Dr.P.C.Mahanta, Director Rist, Adviser
4. Mr.Jainul Abudin, Organizing Secretary
5. Mr.Karjan Basumatary, Joint Secretary
6. Mr.Sailen Dutta Kalita, Member
7. Mr. Madhurjya Pran Borgohain, Member
8. Mr. Debabrat Bharali, Member
9. Miss.Chandrali Sarma, Member



## Programme Details:

1. Cryptography:
  - Basics of Cryptography
  - Implementation of SSL Certificate using Hashing and Encryption Algorithm
  - Bypassing SSL Certificate using of MITM Attack
2. Networking
  - Network vulnerability analysis on Protocol
  - Protocol Analysis and Security Research (Wireshark)
3. Ethical Hacking
  - Defense in Depth
  - Hacking Methodology
4. Network Infrastructure Hacking
  - Demo using Kali Linux
5. Web Server and Web Application Hacking
  - Demo using Samurai WTF Virtual Machine
6. Android Application Hacking
  - Demo using AppUse Virtual Machine
7. Discussion of Recent Technological Trend Cyber Security.
8. Python for Hackers (Fun & Love )

PENETRATION TESTING



INTRUSION TESTING

## About Expert:

Manas Pratim Sarma (B.Tech (IT), FPGDIS, CEHv8, PGDCLCF)  
 Certified Ethical Hacker- EC Council  
 Post Graduate Diploma in Information Security -CDAC  
 Post Graduate Diploma in Cyber Law & Cyber Forensic -NLSIU

## Working Profile:

R&D Engineer , Cyber & Network Security, Researcher at Nokia-Siemens Networks.  
 3 + Years Professional experience in Computer Networking, Cyber Security, Ethical Hacking and providing Industrial Training.  
 Research Area : Network Security, Cloud Security, Application Security.

## About Organizer:

RIST is affiliated to NEHU, approved by AICTE and promoted by ERD foundation, Guwahati. RIST offers Engineering courses on various disciplines namely CSE, ECE, EEE, ME & CE. Established in the year 2009, RIST has come out as one of the premier engineering institutes of the region.

NOTE: -- Attendees should have basic knowledge of programming, networking, Operating system and Internet applications.  
 -- Participant has to carry their own laptop for workshop.

Contact Details: Technocity, Kling Road, Baridua, G.S. Road, Khanapara, 9<sup>th</sup> Mile, Ri-Bhoi, Meghalaya - 793101  
 Mobile No: 7399938121, 9706941098 , E-mail: [karjan05@gmail.com](mailto:karjan05@gmail.com), [jaiazad@gmail.com](mailto:jaiazad@gmail.com)  
 Website: [www.rist.ac.in](http://www.rist.ac.in)

Duration: 8 hours(9a.m - 5p.m)