

Registration Form

Name of Applicant (first, last):.....

Fathers Name:.....

Mothers Name:.....

Date of Birth (DD/MM/YY):.....

Gender:.....

Category(General/SC/ST):.....

Designation:.....

Highest Qualification:.....

Name and Address of the Institute/ Organization:.....

City/town:.....

Postal Address:.....

City/town:.....

Email:.....

Landline Number (with STD code):.....

Mobile Number:.....

Do you need accommodation? (Yes/No):.....

Transaction ID:.....

Transaction Date:

Issuing Bank.....

Signature of the Applicant:

I hereby agree to relieve Mr./ Ms./ Dr.....

in case he/she is selected to attend the programme.

Signature and Seal of the Forwarding Authority.

Name

Designation.....

Note:

i) The Faculty/Staff are requested to submit the NOC from respective department before attending the session.

ii) The Faculty member belonging to SC/ST Category need to carry caste Certificate(both in original & photocopy).

iii) The participant need to carry the Institute/Organization valid Identity Card (Both in Original & Photocopy).

iv) Hostel and Accommodation will be available at CIT Kokrajhar. Please drop an email if required or contact (+91) 8240804002.

Affix passport
size
photograph

Course Coordinators from Academy

- **Prof. Ratnajit Bhattacharjee**
Principal Investigator, E&ICT Academy, IIT Guwahati.
- **Dr. Gaurav Trivedi**
Co-Principal Investigator, E&ICT Academy, IIT Guwahati.

Expert from Academia

- **Dr. Santosh Biswas**
Associate Professor, CSE Department, IIT Guwahati.
- **Dr. Ferdous Ahmed Barbhuiya**
Assistant Professor, CSE Department, IIIT Guwahati

Expert from Industry

- **Mr. Samba Murthy C V**
Consultant Trainer, Techvictus.
- **Mr. Basant Soni**
Cybersecurity Consultant & Trainer, Techvictus.

Programme Coordinators

- **Dr. Amitava Nag**
Associate Professor, Department of IT, CIT Kokrajhar.
Email: amitava.nag@cit.ac.in
Phone No: (+91) 8240804002
- **Mr. Kongkon Kalita**
HoD, Department of IT, CIT Kokrajhar.

How to Reach CIT Kokrajhar

CIT Kokrajhar is located at Balagaon which is 10 km from Kokrajhar Railway Station under Bodoland Territorial Autonomous Districts (BTAD), Assam. Moreover CIT Kokrajhar is at a distance of 220 km away from Guwahati and 271 from Siliguri which are facilitated by Air-Services. The Institute can be accessed by both rail and road. Deluxe buses to and fro from Guwahati are available. It is also reachable from National Highway 31 with the distance of 11 km. All the major trains including Rajdhani Express have their stoppage at Kokrajhar railway station.

Programme Duration:
48 Hrs



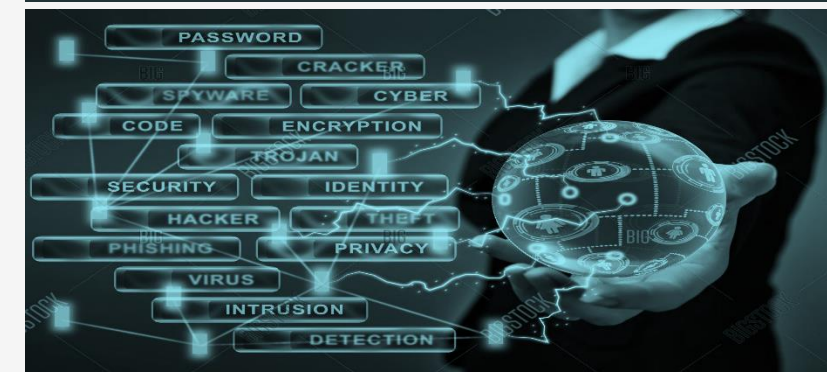
An Initiative of
**Ministry of Electronics & Information Technology
(MeitY), Government of India**



**Electronics & ICT Academy
IIT Guwahati, Assam**



Network & Cyber Security (07-12 May, 2018)



Organized with support from



Central Institute of Technology Kokrajhar

&



Course Date: 07-12 May, 2018

Last Date of Registration: 04.05.2018

(Online Registration Link will be open from 01.04.2018)

Venue: Central Institute of Technology Kokrajhar

Registration Fee

Rs. 2,950/- for Faculty, Lab Technicians and Project Staff.

Rs. 1,475/- for ST/SC Faculty, Lab Technicians and Project Staff.

Rs. 5,900/- for Industry Personnel, Research Scholars and Students.

Mode of Payment: Online Only (RTGS/NEFT)

Objective of the Course

The goal of this course is to teach you how to protect the products i.e. web apps, networks designed by developers, administrators from intrusion of cyber attacks. We will demonstrate and will perform various techniques generally used by cyber attackers to compromise an object i.e. network, system or service.

We will install our custom vulnerable test beds and will attack on them and then we will see how to secure them from those vulnerabilities. The course is designed very carefully so that everyone can learn from it, even non-programmers.

Assignments & Project

1. Assignments will be of the following type:
 - MCQ based questionnaire.
 - Assignments (Problem statement will be provided.)
2. At the end of the course “Project” will be assigned to the participants which will be based on the Practical Case Studies.

Contact Details

For more details or any queries please contact:

- **Dr. Amitava Nag**
Associate Professor, *Department of IT, CIT Kokrajhar.*
Email: amitava.nag@cit.ac.in
Phone No: (+91) 8240804002
- **Project Manager, E&ICT Academy, IIT Guwahati.**
Email: eictacad@iitg.ernet.in, eictacad@gmail.com
eictinfo.iitg@gmail.com
Phone No: +91-7086502139
+91-3612583009/3182/2536/2503
(Working Hours 9:30 am to 5:30 pm)

For Online Transfer

Bank Name: State Bank of India
Account Name: IIT Guwahati R&D E&ICT Academy Account No.: 36071160089
IFSC Code: SBIN0014262
Bank Name: State Bank of India
Bank Address: IIT Guwahati, GHY- 39.

Course Outcome

The participants will be given a thorough understanding of the following topics:

- What is CyberSecurity?
- What is Linux and Why are we using it?
- How to navigate in Linux Command Line.
- Command Syntax, User Administration, Command Options and Arguments
- Paths in Linux
- Need for and the building blocks of network and information security
- Threats to the networks
- Fundamental principles of secure network design
- Access Control System (ACs) and the Identity Services Engine
- RADIUS and TACACS protocols
- VPNs and their uses and the basic ingredients of cryptography.
- Secure Routing and Switching
- Firewall Technologies
- Intrusion prevention systems (IPS)
- Content and Endpoint Security
- Computer Security Key Definitions
- TOR and DarkNet
- System Hacking
- Android Hacks
- Web App Penetration Testing
- Social Engineering

Hands-on Session

The Hands- on session will include the following:

- Linux and Virtualization
- VPN
- Wireless & System Hacking, etc.

Who Can Attend

- Students looking to expand their knowledge in IT security.
- Developers who want to make secure websites and secure products.
- Anyone who want to be an Ethical Hacker or a Pentester.

About E&ICT Academy

Electronics and ICT Academy is an initiative of Ministry of Electronics & Information Technology (MeitY) Ministry of Communications and IT, Govt. of India for Faculty/ Research Scholar Development Programme.

Academy has planned short term training programmes on fundamental and advanced topics in IT, Electronics & Communication, Product Design, Manufacturing with hands on training and project work using latest software tools and systems.

In addition, the Academy will conduct specialized/customized training programmes and research promotion workshops for corporate sector & educational institutions.

For details of the programme and course contents etc., please log on to Electronics and ICT Academy website: <http://eict.iitg.ernet.in/>

About CIT Kokrajhar

Central Institute of Technology (CIT), Kokrajhar is situated in Kokrajhar District of Bodoland Territorial Council (BTC) in Assam. CIT has been established for the basic objective of fulfilling the aspirations of the Bodo People relating to their cultural identity, language, education and overall economic development of the region and to impart Bodo youths with requisite technological and vocational training to produce the required manpower to give the impetus to economic growth of this area and to integrate the Bodo People into the mainstream of Technical and Vocational Education. It is a Centrally Funded Institute under the Ministry of Human Resource Development, Government of India. Currently CIT offers Diploma courses in Computer Science Engineering (CSE) ,Control and Instrumentation (CAI) ,Electronics and Communication Engineering (ECE) and Food Engineering & Technology (FET) , Construction Technology and Animation and Multimedia. The degree programme was started in CIT in 2009.At present the degree programme offered by CIT are in CSE , ECE , FET , IT ,IE ,CE and B.Design.