



CYBER SECURITY MEASURES AND TOOLS

Dates: 22nd June to 3rd July

NITTTR Chandigarh is organizing an industrial training programme on Cyber Security Measures and Tools in collaboration with DIGINTRUDE, Hyderabad from 22nd June to 3rd July, 2020.

Eligibility: Faculty from Technical Institutes, Students from technical institutions and industry professional

Course Fees: Rs. 1000/- + 18% GST

Speciality of the programme: Hands on Practice on various tools

Registration Link: <http://14.139.60.236/stconline1/index.php>

After registration click on the course ICTO-SP-14 (Cyber Security Measures and Tools)

About NITTTR, Chandigarh

In realization of the need for training better quality technicians to meet the large scale industrialization of the country, the ministry of Human Resource Development (the then Ministry of Education), Government of India established four Regional Technical Teachers' Training Institutes (now National Institute of Technical Teachers Training & Research, NITTTR at Bhopal, Chandigarh, Chennai and Kolkata in 1967. The Institute at Chandigarh is one of these four NITTTRs, started in collaboration with Royal Netherlands Government (upto 1974). It was designed to meet the requirements of developing polytechnic education in the northern region covering the states of Jammu and Kashmir, Himachal Pradesh, Punjab, Haryana, Rajasthan, Uttar Pradesh, Utrakhnad, Delhi and Union Territory of Chandigarh. The Institute is registered under the Societies Registration Act, 1860 and is managed by a Board of Governors.

The institute started with long term teachers' training programmes for polytechnic teachers in 1967 and was also entrusted with the responsibility of promoting curriculum development work for the states in the region. To improve the competence of teachers for implementing new curricula designed by this institute, short term courses have been offered since 1967. The institute established a Media Centre in 1981 for preparing print & non-print instructional materials.

The institute also set up the department of Rural Development and the department of Entrepreneurship Development to assist polytechnics in directing their efforts towards training manpower and disseminating information in these areas. The Educational Television and Computer Science departments were established in the year 1981 and 1982 respectively. Since 1983, the institute has been guiding and assisting the states in the areas of Educational Planning and Management. Since 1992, the institute started offering Regular Master of Engineering Programmes in (i) Engineering Education and (ii) Manufacturing Technology. In the year 1994, two more courses namely Master of Engineering in Construction Technology and Management and Computer Science and Engineering were added. In the year 1998, two more



Master of Engineering Programmes in Instrumentation and Control and Electronics and Communication Engineering were added, and, since 2005, the institute started offering Modular Master of Engineering Programmes in all the above disciplines. All these programmes, being offered for teachers of technical institutions and their administrators, professionals from industry and general candidates, are duly approved by AICTE and affiliated to Panjab University, Chandigarh.

Since June 2001, this institute has been conducting short term courses in various subjects for faculty of Engineering Colleges in addition to organizing AICTE sponsored Induction Training Programmes.

About Digintrude Infosec Pvt. Ltd.

Digintrude Consulting Services is well known to provide different software services and now they are extending their reach to the customers with Cyber Security Software Services. Avail the Security Software Services at your doorstep to uplift your returns and elevate your brand awareness shielding from any kind of cyber threats.

Contents of the programme:

- Introduction to Cyber Security
- Basics of Networking
- Cryptography
- Network Scanning using Nessus & NMAP
- Scanning using Diginance & Nikto
- Analyzing Mobile & Web Application Security using IronWasp & Arachni
- Netcat, Ncat & Wireshark
- Metasploit Framework
- Password cracking of Kali Linux Operating System
- Social Engineering Toolkit
- Manually Discovering File Upload Vulnerability & Command Injection
- SQL Injection & Cross Site Scripting
- Cross Site Scripting
- Web Sniffers and Hidden Loggers
- System Programming for Cyber Forensic Applications
- Cyber Threat & Attacks
- Cloud & IoT Security
- Mitigating Attacks using Firewall
- Cyber Laws

Course Coordinators:

1. **Dr. Maitreyee Dutta, Professor and Head, CSE Deptt, NITTTR Chandigarh**
2. **Mr. Vipul Mandhar, Project Assistant, NITTTR Chandigarh, 9050441188**
3. **Mr. Vinod Kumar, Managing Director, Digintrude Infosec Pvt Ltd., 9550418229**

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