

नेशनल इंस्टीट्यूट ऑफ इलेक्ट्रॉनिक्स एंड इन्फॉर्मेशन टेक्नोलॉजी, चेन्नई

**National Institute of Electronics and Information Technology,
Chennai**

Autonomous Scientific Society of Ministry of Electronics &
Information Technology (MeitY), Govt. of India ISTE Complex, 25,
Gandhi Mandapam Road, Chennai - 600025

Course Prospectus



Certificate Course in Cyber Security

Mode: ONLINE

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Course Prospectus

Name of the Group: ISM

Course Name: Certificate Course in Cyber Security

Course Code: IS 902

Duration: 80 Hours, 8 Weeks

Last Date of Registration: 10-11-2021

Display of Provisional Selection List: 11-11-2021

Course Start Date: 15-11-2021

Preamble:

- Business @ the speed of thought has moved from a buzzword to a business reality owing to the integration of business and technology. Digital infrastructures and information networks have become central to any business activity. The information residing on these computers, networks and in cloud are an essential asset and due care should be taken for its security. The impact of any loss of this asset or any downtime of the infrastructure is quite high with the proliferation of easy-to-use tools and open how to- discussions, the number of people aiming to hack in to or bring down the network is high, both in this country and abroad. Hence, there is a need for heightened security measures to protect both infrastructure and data.

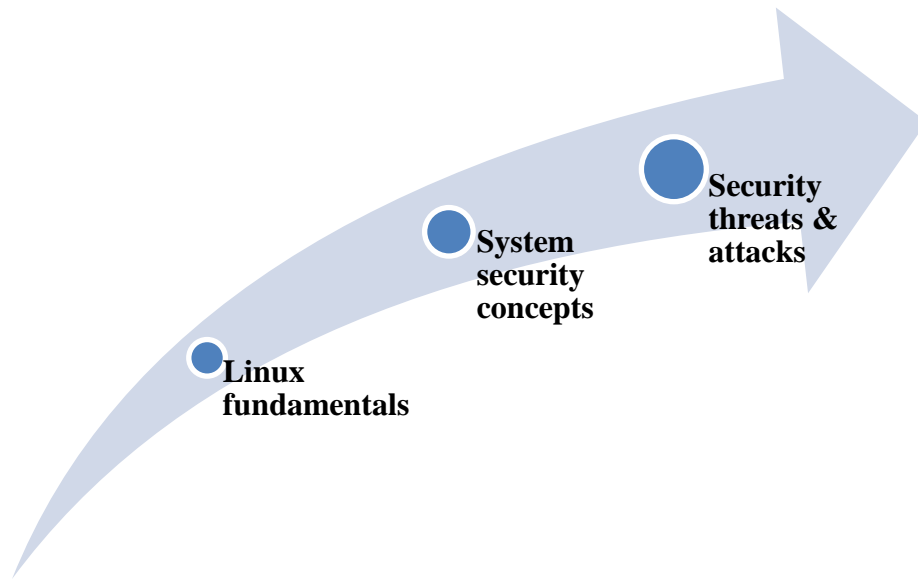
Objective of the Course:

- The Course is 80Hrs (8weeks) program aimed at moulding candidates to Skilled in Basic Information System Security knowledge to maintain the Security of Systems and Networks in today's scenario.

Outcome of the Course:

- This skill-oriented course provides candidates with information required for configure and administration of OS Server, Networks, Database & its Security and equip them with the skills required to protect & recover the computer systems & networks from various security threats in dedicated or Virtual Environment.

Full Flow of Course:



Course Structure:

- This course contains total two modules. After successful completion of this course candidate will be awarded with course completion certificate.

Sl. No.	Modules	Duration (in weeks)
01	Linux & Security Fundamentals	3 Weeks
02	Advanced System Security	5 Weeks
Total Duration		8 Weeks

Course content:

Module – I: Linux & Security Fundamentals

- Introduction to Linux Fundamentals
- Introduction to Information Security
- Cryptography Fundamentals

Module – II: Advanced System Security

- Configuring DNS Server
- Configuring Web Server
- Configuring Mail Server
- Configuring File Server
- Overview of Security Threat and Attacks
- Information Gathering

- **Sniffing**
- **MITM Attack**
- **Brute Force Attack**
- **Secure DNS**
- **Secure Web Server**
- **Secure Mail Server**
- **Firewall**
- **Security Monitoring**
- **System Hardening**

Course Fees:

- Course fee is INR 3500+ GST (18%) (**The Course Fees has to be paid in one installment**)
- **GST is Applicable as per Govt. Norms GST (currently it is 18%).*

Eligibility:

- Diploma, B.SC, BCA, B.E/B.Tech (IT / Computer Science / Electronics) or equivalent of any of these.
- Candidates who have appeared in the final semester examination and awaiting results may also apply. However, they have to submit proof of passing all semester examination/final degree at the time of completion of the course. Otherwise no certificate will be issued.

Number of Seats: 100 - Total

- **Note: Seats are allocated based on the merit of the Qualification**

How to Apply:

- Candidates can apply online in our website <http://reg.nielitchennai.edu.in>. Payment towards fee can be paid through any of the following modes:
- **Online transaction:** Account No: 31185720641 Branch: Kottur (Chennai), IFS Code: SBIN0001669.
- **Note:** *The Institute will not be responsible for any mistakes done by either the bank concerned or by the depositor while remitting the amount into our account*
- **Last date of Registration:** 10th-November-2021

Registration Procedure:

- All interested candidates are required to fill the Registration form online with Total fees on or before **10th - November-2021** with all the necessary information.

Other Details:

The Course Fees has to be paid in one installment: Rs.3500 + GST 18% (Non Refundable)

However the above Training fee shall be refunded on few special cases as given below:

- If course postponed and new date is not convenient for the student.
- If course cancelled

Selection Criteria of candidates:

- The selection to the course shall be based on the following criteria:
- Selection of candidates will be based on their marks in the qualifying examination subject to eligibility and availability of seats.
- The first list of Provisionally Selected Candidates will be published on NIELIT Chennai website (www.nielit.gov.in/chennai) on **11-11-2021** by **5:00 PM**. In case of vacancy, an additional selection list will be prepared and the selection will be intimated by email only.

Admission:

- All provisionally selected candidates whose documents are verified and paid the fees full and verified by accounts section of NIELIT Chennai will get a welcome message in his login id provided during registration. The credential and URL for online portal will be shared through WhatsApp or email.

Discontinuing the course:

- No fees under any circumstances, shall be refunded in the event of a student who have completed the process of admission or discontinuing the course in between. No certificate shall be issued if the classes not attended.

Course Timings:

- This program is a practical oriented one and hence there shall be more lab than theory classes. The classes and labs are online cloud based from 9.30 am to 5:30 pm and Monday to Friday.

Address:

National Institute of Electronics and Information Technology
ISTE Complex, No. 25, Gandhi Mandapam Road, Chennai – 600025
E-mail: trng.chennai@nielit.gov.in/Phone: 044-24421445
Contact Person: Mohamed Affan , Mobile: 9500428926

Course enquiries:

- Students can enquire about the various courses either on telephone or by personal contact between 9.15 A.M. to 5.15 P.M. (Lunch time 1.00 pm to 1.30 pm) Monday to Friday.

Important Dates:

- **Last Date of Registration:10th-November-2021**
- **Display of Provisional Selection List: 11th-November-2021**
- **Course Start Date: 15th-November-2021**

Certification:

- Certification Body: Examination Section, NIELIT Chennai
- Certificates will be issued after successful completion of all the modules.