

Report on Virtual Training Programme for students on Cyber Security & Internet of Things

In its bit to enhance skill building programmes, NIIT Foundation, New Delhi, is implementing skill building programmes for students across India for the corporate partners like CISCO and LinkedIn. These programmes include ***Cyber Security and Internet of Things***. For massive coverage, it has turn its direction to North-East region, and has reach out to various Colleges in and around Shillong. It expresses its wishes to implement this program to our students here in Lady Keane as well in its proposal. In collaboration with the Department of Computer Science, Lady Keane College, NIIT Foundation is able to implement this initiative to every interested students of the college from various streams. For conducting this program a minimum of 100 participants is required. And as per records about three hundred (300) students registered for this training programme and two hundred and fifteen (215) students participated. This opportunity will make the students aware about the internet, the current trend in technology and how to stay safe in one.

Aims & Objectives

This training programme aim to provide awareness and basic skills in Cyber Security and the Internet of Things to youth from under-served communities, in and post COVID-19 scenario.

Organisers

- ✓ NIIT Foundation, New Delhi in collaboration with the Department of Computer Science, Lady Keane College, Shillong.

Training duration

- ✓ This training will be held on ***Weekdays (Monday-Saturday)*** for two days for two hours each. Students can enrol for any ***2-hour session on a date convenient to them.***
- ✓ After the training, students can join the certification course which is a self study course of 10 to 12 hours. However, trainers and experts will be available to clear the doubts and help in completion of the course. ***Students will get the certificate only after successful completion of the certificate course.***
- ✓ The programmes will be conducted on ***August end tentatively.***
- ✓ The Registration Link will be shared with the students, where the student can block his or her session. All details in terms of timings, the link for the session, etc. will be shared with the student post-registration. Registration, however, is open and participants may register for the programme.

Date

- ✓ Arts Students: 11th & 12th August, 2021
- ✓ Science Students: 23rd & 24th August

Fee

- ✓ This training programme ***bears no cost for students.***

Benefits

- ✓ Gain a comprehensive view of how emerging technologies are shaping the digital business.
- ✓ Access to online CISCO Net Academy content

Explore Opportunities in Technology and Cybersecurity

- ✓ Develop your digital basics
- ✓ Explore the career opportunities in these new emerging technologies landscape

Target audience

- ✓ Undergraduate, Graduate and Post Graduate

Participation

- ✓ **Cyber Security**
Registered Students: 300
Participation: 215
Course Completion with Certificates: 120
- ✓ **IoT**
Registered Students: 300
Participation: 203
Course Completion with Certificates: 126

Prerequisites

- ✓ None

Course Recognition

- ✓ Certificate of completion

Topics Covered At a glance

Cyber Security

As you might be aware, the world is moving towards a massive skill shortage in the area of Cyber Security. To address this issue, NIIT Foundation is announcing a Certified Introduction to Cyber Security.

This program aims to open new horizons of skill development and job opportunities for these students. It will also reduce their vulnerability towards Cyber-attacks/threats. The productive workshop on Cyber Security will be in virtual mode and has been tailored to match the college going students.

This workshop will help build awareness and provide basic skills in Cyber Security. It will open up new job markets for our youth.

Introduction to Internet of Things (IoT)

An introduction to the Internet of Things and how it enables Digital Transformation along with emerging technologies such as data analytics, artificial intelligence, and cybersecurity.

The course also highlights the importance of Intent-Based Networking using a software-driven approach and machine learning to be able to connect and secure tens of billions of new devices with ease.

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Program Outcomes

The training program was conducted successfully and approximately 50% of the students were able to appear the test and completed the course successfully. Those who have successfully accomplished the course have received the certificate of completion. With a proof of certificate on Cyber Security and IOT, the most prevalent topics of the generation, surely will boost their confidence and their stand on a job market becomes much widespread with better opportunities.

Sample Certificate



Cisco Networking Academy

Introduction to Cybersecurity

For completing the Cisco Networking Academy® Introduction to Cybersecurity course, and demonstrating the ability to explain the following:

- Global implications of cyber threats
- Ways in which networks are vulnerable to attack
- Impact of cyber-attacks on industries
- Cisco's approach to threat detection and defense
- Why cybersecurity is a growing profession
- Opportunities available for pursuing network security certifications

Makdalin Mawkon

Student

NIIT Foundation

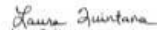
Academy Name

India

Location

25 Aug 2021

Date



Laura Quintana
VP & General Manager, Cisco Networking Academy