

NIELIT Shimla Centre has running the following NIELIT courses

Sr. No.	Course	Duration	Fee	Qualification	Accreditation No.
1	O Level	1 Year	15000	12 th / +2	O-0776
2	A Level	1 Year	30000	Graduation	A-0166

'O' level course

The NIELIT curriculum has been scientifically designed to give the students a solid foundation in Information Technology. The one-year course comprises of two semesters that are further divided into four modules. The entire course is covered in more than 500 hours - divided evenly between lectures and laboratory. In addition, at least 20 hours of inputs will be provided in the Personality Development and Pre-Placement training which gives a competitive edge to NIELIT students in the job market.

Modules covered under course:-

M1-R4	IT Tools and Business Systems
M2-R4	Internet Technology and Web Design
M3-R4	Programming and Problem Solving through 'C' language
M4.1-R4	Application of .NET Technology
M4.2-R4	Introduction to Multimedia
M4.3-R4	Introduction to ICT Resources

The career options available to a NIELIT 'O' level qualifiers are:

- ✓ Junior Programmer
- ✓ EDP Assistant
- ✓ Web Designer
- ✓ Lab Demonstrator



'A' level course

'O' level leads to progressively advanced course such as 'A' level. It also lays down the foundation for premier international I.T. An 'A' Level qualifier is expected to be key member of a software development team with all round capabilities to manage and guide a software project. In order to develop these capabilities the 'A' level course has been so designed that a student acquires an in-depth knowledge of the key areas like the computer software, office automation products ,knowledge of developing a business system module using database packages, problem solving skills using programming languages, computer architecture, software development life cycle, data-structure, database management system, operating system, practical exposure to UNIX/LINUX and communication principles and computer networking, object oriented programming using C++/ Java, and multimedia application.

Modules covered under course:-

A1- R4	IT Tools and Business Systems
A2- R4	Internet Technology and Web Design
A3- R4	Programming and Problem Solving through 'C' language
A4- R4	Computer System Architecture
A5- R4	Structured System Analysis & Design
A6- R4	Data Structure through C++
A7- R4	Introduction to DBMS
A8- R4	Basics of OS, Unix & Shell Programming
A9- R4	Data Communication and Network Technologies
A10.1- R4	Introduction to Object Oriented Programming through JAVA
A10.2- R4	Software Testing and Quality Management



The career options available to a NIELIT 'A' level qualifiers are:

- ✓ Programmer
- ✓ Web Administrator
- ✓ Training faculty
- ✓ Web Content Developer
- ✓ Trouble Shooter