

This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

**"YOUR PATH TO GREATNESS
STARTS HERE"**

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THE ASSOCIATION OF COMMONWEALTH UNIVERSITIES
INTERNATIONAL ASSOCIATION OF UNIVERSITIES



BSc (Hons) Degree in Information Technology Specialising in Information Technology



Why SLIIT?

Highly qualified, dedicated in house academic staff, professional career focused education, innovative study programmes, outstanding facilities are some of the reasons that make SLIIT the right choice for you. SLIIT ensures its students a learning experience that is a enriching and enlightening.

“ The practical based curricula of this degree will allow you to gain a substantial edge at your employment prospects. ”

Our graduates are highly sought after by industry with 90% of computing graduates are finding employment within first four month of graduation.

Computing at SLIIT

- Opportunity to complete UGC approved highly recognized degree programme
- Competent in-house lecture panel with more than 5000 of collective experience
- Opportunity to follow the only IET (UK) accredited Information Technology Degree programme in Sri Lanka leading to Chartered Engineer status
- Member of the Association of Commonwealth Universities and International Association of Universities (IAU)

Practical Experience

With a strong focus on building practical based study the BSc (Hons) Degree in Information Technology Specialising in Information Technology incorporates the students to gain hand in experience with projects.

Information Technology

The programme is designed for technically focused students who required to develop strong professional & academic capabilities in programming. You will develop strong technical skills in the areas of software design and software engineering, operating systems, systems administration and technical support, and networking.

Duration : 04 Years
Entry : February / June
September
Location : Malabe , Colombo,
Matara, Kandy,
Kurunegala, Jaffna
Offered : Weekdays / Weekends
Examinations : Weekdays / Weekends

Careers

Graduates typically embark on careers as:

- Application Engineer
- Software Engineer
- Software Quality Assurance Engineer
- Web Developer
- IT Educationist
- Development Operations (DevOps) Engineer
- System and Database Administrator
- Data Scientist
- Solutions Engineer
- Network Engineer
- Information Technology Manager

Course Structure

YEAR 01

Introduction to Programming
Introduction to Computer Systems
Mathematics for Computing
Communication Skills

Object Oriented Concepts
Software Process Modeling
English for Academic Purposes
Information Systems and Data Modeling
Internet and Web Technologies

YEAR 03

Network Design and Management
Database Systems
Programming Applications & Frameworks
IT Project Management
Employee Skills Development - Seminar
Human Computer Interaction
Information Assurance & Security
Data Science & Analytics
Business Management for IT

Entry Requirements

Passes in three subjects (in any subject stream) at the G.C.E. (Advanced Level) Examination (Sri Lanka / London) in one and the same sitting and a pass at the Aptitude Test conducted by SLIIT.

YEAR 02

Software Engineering
Object Oriented Programming
Database Management Systems
Computer Networks
Operating Systems and System Administration

Mobile Application Development
Data Structures and Algorithms
IT Project
Professional Skills
Employability Skills Development - Seminar
Probability and Statistics

YEAR 04

Modern Topics in IT
Preparation for the Professional World
Three Elective & Modules of the Following*
Internet of Things
Database Administration
Innovation Management & Entrepreneurship
Machine Learning
Research Project
Two Elective & Modules of the Following*
Cloud Computing
Software Quality Assurance
Computer Systems and Network Administration