

Notes :

" YOUR PATH TO GREATNESS  
STARTS HERE"

**SLIIT Malabe Campus**  
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**SLIIT Metro Campus**  
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**SLIIT Matara Centre**  
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**SLIIT Kandy Centre**  
670/1/1A, Peradeniya Road, Kandy  
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**SLIIT Kurunegala Centre**  
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**SLIIT Jaffna Centre**  
53, Point Pedro Road, Jaffna  
Tel : + 94 (0) 21 720 0406/7



**MEMBER**

THE ASSOCIATION OF COMMONWEALTH UNIVERSITIES  
INTERNATIONAL ASSOCIATION OF UNIVERSITIES



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## BSc (Hons) Degree in Information Technology Specialising in Information Systems Engineering

# Why SLIIT?

Exposure of high qualified, experienced academic staff, career oriented curricula, innovative study programmes, outstanding teaching & learning environment are few reasons that makes SLIIT as your prominent choice on Tertiary education.

“ 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 one and 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 Systems Engineering incorporates the students to gain hand experience with projects.

# Information Systems Engineering

Information systems engineering specialty programme is the key to develop and manage complex systems that solve real-world problems. The students get to enhance their knowledge on areas namely, Project management, Software quality assurance, Data management so on so forth.

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:

- Business Analyst
- Systems Analysts
- Information Manager
- Information Specialists
- Business Consultant
- ERP an Analyst
- IS Auditor
- Project Managers
- IT Consultant
- IT Technical Support Officer
- Data Analyst
- Data Scientist
- IT Manger
- Database Administrator
- System Developer
- Application Analyst
- Application Developer

# 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

IS Project Management  
Organizational Business Functions I  
Management Information Systems  
Data Management and Business Intelligence  
E-Business Strategy & Architecture and Design  
Information Security Management  
Organizational Business Functions II  
Enterprise Resource Planning  
Information Systems Strategic Management

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

Research Project  
Business Process Management  
Practicing Business Analyst  
Preparation for Professional World  
Two Elective Modules of the Following\*  
Business Operations  
Industrial Practice  
Software Quality Asuarance  
Supply Chain Management  
Enterprise Systems  
Change Management in IT Implementation  
Human Resource Information Systems