Notes:			

"YOUR PATH TO GREATNESS STARTS HERE"

SLIIT Malabe Campus

New Kandy Road, Malabe Tel: +94(0)11 241 3900 Fax: +94(0)11 241 3901

SLIIT Kandy Centre

670/1/1A, Peradeniya Road, Kandy Tel : + 94 (0) 81 238 7888

SLIIT Metro Campus

BoC Merchant Tower, 28 St. Michael's Road, Colombo 03

Tel : + 94 (0) 11 230 1904 Fax : + 94 (0) 11 230 1906

SLIIT Kurunegala Centre

Mihindu Mawatha, Kurunegala Tel: +94(0)377204204

SLIIT Matara Centre

24, E. H. Cooray Tower, Anagarika Dharmapala Mawatha, Matara

Tel: +94(0)412222958 Fax : + 94 (0) 41 222 1048

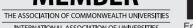
SLIIT Jaffna Centre

53, Point Pedro Road, Jaffna Tel: +94(0)217200406/7



















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)
- Regional access though centers in Matara, Kandy, Jaffna and Kurunegala

Practical Experience

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

Data Science

The meticulous curriculum focuses on the fundamentals of computer science, statistics, and applied mathematics, while incorporating real-world examples. Graduates are prepared to succeed in specialized jobs involving everything from the data pipeline and storage, to statistical analysis eliciting the story the data tells.

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:

- Big Data Engineer
- Data Analyst
- Data Scientist
- Business Intelligence Engineer
- Software Engineer
- Data Architect
- Database Administrator
- Consultant, Business Analytics
- Machine Learning Engineer
- Big Data Application Developer
- Data Science Specialist

Course Structure

E01

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

E03

Programming Applications and Frameworks
Theory and Practices in Statistical Modelling
Data Warehousing and Business Intelligence
Database Systems and Data - Driven Application
Information Retrieval and Web Analytics
Fundamentals of Data Mining
Massive Data Processing and cloud Computing
Machine Learning and Optimization Methods

Entry Requirements

Industry Placement

Passes in three subjects (in any 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 along with passes for all modules up to the 2nd year and a GPA of over 2.7 are eligible to apply to this specialization. Selection is based on an interview.



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

¥04

Research Project (Comprehensive Design & Analysis Project)

Database Administration and Storage Systems
Interpret of Things and Rig Data Analytics

Internet of Things and Big Data Analytics
Visual Analytics and User Experience Design
Introduction to Information Security Analytics
Preparing for the Professional World