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 which you gain from this degree will provides you 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.

Engineering at SLIIT

- Opportunity to complete UGC approved highly recognized degree programme
- Competent in-house lecture panel with more than 5000 of collective experience
- Member of the Association of Commonwealth Universities and International Association of Universities (IAU)

Study Experience

With a strong focus on building theoretical and practical based study, the BSc Engineering (Hons) Degree in Civil Engineering incorporates the students to gain hand in experience in real time assignments, group projects, and co-curricular activities. The students are required to attend an internship in their vacation period as a part of their degree.

Civil Engineering

Studying a Civil Engineering degree at SLIIT equips students with the skills in design, construction, management and sustainability required for a successful future in the construction industry. The structure of our programmes follows clear educational aims that are tailored to each programme.

Duration : 04 Years
Entry : February / September
Location : Malabe
Offered : Weekdays
Examinations : Weekdays

Careers in :

- Construction Companies
- Specialist Subcontractors
- Engineering Consulting Companies
- Government Authorities

Course Structure

YEAR 01

Semester 01
Engineering Mechanics
Engineering Design and Processes
Electrical Systems
Engineering Mathematics I
English Language Skills I
Introduction to Renewable Energy
Introduction to Sustainable Engineering

Semester 02
Engineering Skills Development
Engineering Principles and Communication
Engineering Materials
Engineering Mathematics II
Engineering Programming
English Language Skills II

YEAR 02

Semester 01
Structural Analysis I
Fluid Mechanics
Properties and Mechanics of Materials
Civil Engineering Methods
Engineering Mathematics III

Semester 02
Geotechnical Engineering I
Structural Design I
Structural Analysis II
Advanced Mechanics of Materials
Introduction to Thermal Processes
Civil Engineering Surveying Camp
Humanities I
Industrial Training I

YEAR 03

Semester 01
Structural Analysis III
Pumps & Open Channel Flow
Structural Design II
Geotechnical Engineering II
Civil Engineering Project & Cost Management
Humanities II

Semester 02
Environmental Engineering
Geotechnical Engineering III
Transportation Engineering
Project Formulation
Construction Technology & Methods
Civil Engineering Seminar
Industrial Training II

YEAR 04

Semester 01
Comprehensive Design Project I
Civil Engineering Practice, Quality & Legislation
Civil Engineering Project I
Engineering Hydrology
Foundation Engineering I
Traffic Engineering & Planning
Water Systems & Hydraulic Structures
Finite Element Methods in Structural Engineering
Structural Design III
Environmental Engineering Design

Semester 02
Sustainable Development in Civil Engineering
Comprehensive Deign Project II
Civil Engineering Project II
Construction Project Management
Foundation Engineering II
Pavement Design & Maintenance
Environmental Hydraulics & Hydrology
Structural Dynamics & High Rise Buildings
Advanced Concrete Design

Entry Requirements

Passes in three subjects in Maths stream including a Credit pass in Maths or Physics 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.