

STUDENT GUIDE 2019/2020



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SLIIT IS APPROVED BY THE GOVERNMENT OF THE DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA AS A DEGREE AWARDING INSTITUTE UNDER SECTION 25A OF THE UNIVERSITIES ACT NO.16 OF 1978 AND AS AMENDED AND HAS BEEN GAZETTED AS SUCH BY GAZETTE EXTRA ORDINARY NUMBER 1785 / 22 OF 21ST NOVEMBER 2012.

SLIIT IS A MEMBER OF THE ASSOCIATION OF COMMONWEALTH UNIVERSITIES & INTERNATIONAL ASSOCIATION OF UNIVERSITIES.

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OUR VISION

TO ADVANCE KNOWLEDGE, FOSTER AND PROMOTE INNOVATION TO ENRICH LIVES & BROADEN HORIZONS.

OUR MISSION

TO CREATE A LEARNING AND RESEARCH ENVIRONMENT WITH BEST POSSIBLE RESOURCES FOR OUR STUDENTS AND STAFF TO BE INNOVATIVE AND DEDICATED TO EXCELLENCE AND TO PRODUCE GRADUATES WITH STRONG ANALYTICAL, PROBLEM SOLVING AND COMMUNICATION SKILLS.





MESSAGE FROM THE CHANCELLOR



Professor L. L. Ratnayake Chancellor & Chairman - SLIIT

BSc Eng (Hons) (Sri Lanka), MSc (Birmingham), DSc (h.c), CEng, FIE (Sri Lanka), Int. PE (Sri Lanka), FNASSL SLIIT is today recognized as a world class degree awarding institute delivering a range of undergraduate and postgraduate programmes in Computing, Business, Engineering, Architecture, Quantity Surveyor, Law, Nursing, Education, Biotechnology, Psychology, Physical Sciences and English.

Students at SLIIT benefit from a state-of-the-art teaching and learning environment and modern purpose-built facilities. Last year we have been able to expand our facilities to house our most recent faculty, The Faculty of Humanities and Sciences. Our Degree programmes are approved by the University Grants Commission Sri Lanka, in addition to which we offer foreign degree programs of our partner universities in UK, Australia. SLIIT students also have pathways to gain world class degrees at a very reasonable cost from Universities in UK and Australia, Canada and USA.

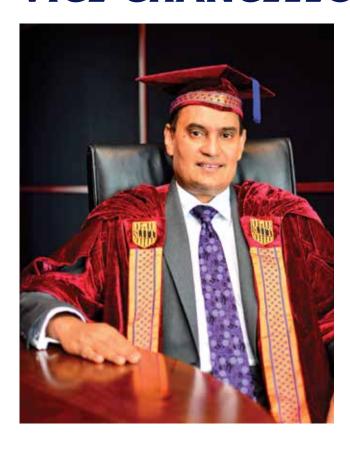
Our internationalization efforts have attracted students from Asian and African regions to our campuses at Malabe and Kollupitiya, further enriching the mixed cultural experience that SLIIT offers.

A key strategy of the institute is to lay emphasis on research-focus teaching in all our disciplines. We foster a vibrant research culture through active research groups led by many senior academics to meet this objective.

With our fully-fledged campuses at Malabe and Kollupitiya and centers in Matara, Kandy, Jaffna and Kurunegala we are ready to further expand and offer a wide range of degree pathways to students.

SLIIT is ranked as Sri Lanka's best Non-State Higher Education Institute by many international ranking agencies. We strive to offer our students with a complete education which introduces them to the frontiers of knowledge and provides them with the skills and disciplines necessary to meet the challenges of their chosen careers.

MESSAGE FROM THE VICE CHANCELLOR



Professor Lalith Gamage

Vice Chancellor/ Chief Academic Officer/ Chief Executive Officer

BSc Eng, MSc, PhD, MBCS, cEng, MIE (SL) Affiliate Professor - University of British Columbia, Canada Adjunct Professor - Curtin University, Australia

On the threshold of celebrating a journey of 20 years, SLIIT stands tall as a center of excellence in the domain of non-state higher education of the Country. SLIIT boasts a unique teaching and learning environment consisting of highly qualified teaching staff, exceptional academic content and state-of-the-art facilities which has bestowed on SLIIT a competitive advantage.

Over the past years, SLIIT has achieved a remarkable success by means of its well-thought-out strategies and initiatives such as diversification of academic programs, international collaborations, industry partnerships, research endeavours, faculty development including student engagement and many more. With our continued expansion of academic offerings, SLIIT reaches out to a wider section of the society in catering to different higher education needs. This year we have been able to introduce a new program in Biotechnology, conducted under the purview of our Faculty of Humanities and Sciences for those who aspire to acquire knowledge and necessary skills sought by an emerging industry.

At SLIIT, we are committed to aligning our academic programs with specific industry needs to meet market demands. SLIIT Industry Consultative Boards that comprise leading professionals and industrialists, actively and continuously provide their expert advice to enhance and redesign our programs to meet the dynamic industry needs.

The significance of integrating research with teaching is widely recognized at SLIIT. Recently, SLIIT was able to secure research grants of over Rs. 125 million enabling us to produce a dynamic platform in which our researchers could carry out cutting edge research while the students are provided with the opportunity of participating in these research activities to learn how their chosen subjects are applied in a pragmatic context.

We strongly believe that our students must be provided with the opportunity to grow not only academically and intellectually, but also socially as well-rounded human beings. As such, we always strive to embed necessary life skills into our academic programs. Students are encouraged to participate in a wide range of sports available, and a host of societies and clubs formed at SLIIT. These extracurricular activities help our students in developing teamwork, critical thinking, interpersonal competencies, multicultural awareness and empathy.

While contributing to the Nation's economy by generating high quality human capital in a diverse range of disciplines, we take pride in our leadership role in higher education in Sri Lanka.

DEANS



Prof. Chandimal Jayawardena **Dean - Faculty of Computing**



Prof. Saman Thilakasiri **Dean - Faculty of Engineering**



Prof. Mahesha Kapurubandara **Dean - International**



Prof. Samantha Thelijjagoda **Dean - SLIIT Business School**



Dr. Malitha Wijesundara

Dean - Faculty of Humanities & Sciences



Prof. Rahula Attalage **Dean - Faculty of Graduate Studies & Research**

THE OBJECTIVES OF SLIIT

Education & training of professionals at a high level of excellence in the fields of IT, Business, Engineering, Humanities & Sciences.

Assisting and promoting enterprises, innovators and start-up companies with the necessary expertise to achieve business objectives.

Provision of consultancy services and software services to public and private sector enterprises of Sri Lanka at a reasonable cost.

Conduct and promote research & development leading to specialised applications, services and innovative technology products.

Expanding horizons in the fields of IT, Business, Engineering, Humanities & Sciences to reach international level.

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.

SLIIT AT A GLANCE

Founded in 1999

UGG APPROVED

MEMBER

ASSOCIATION OF COMMONWEALTH UNIVERSITIES & INTERNATIONAL ASSOCIATION OF UNIVERSITIES

Campuses @ Colombo & Malabe

Centres in Matara, Kandy, Jaffna & Kurunegala.

Undergraduates and Postgraduates Degree Programmes in Computing, Engineering, Business, Architecture, Quantity Surveyor, Nursing, Psychology, Law, Education and Science

Sri Lankan Institute to be accredited by the Institution of Engineering & Technology, UK for IT degrees

More than **9000 Students** currently studying at SLIIT

27,000 SLIIT Alumni





SLIIT

SLIIT has an honoured history, and a continued thirst for achievement characterised by the tireless pursuit of accreditations and collaborations.

We are also the first Sri Lankan institute to be accredited by the Institution of Engineering and Technology UK, for Information Technology degrees. Our degrees are also approved by the University Grants Commission under the Universities Act. The institute is a Member of the Association of Commonwealth Universities and International Association of Universities (IAU). Offering a wide range of study areas including Bachelor's, Master's and PhD degrees in Computing, Business, Engineering, Architecture, Quantity Surveying, Psychology, Law, Nursing, Education and Sciences. SLIIT also connects people both locally and globally. We have more than 50 industry partners, and collaborative agreements with foreign universities to broaden our horizons.

Since its inception in 1999, SLIIT has successfully established an environment that is conducive to learning throughout all its campuses and centres. The institute has two campuses in Malabe and Colombo and also four regional centres in Matara, Kandy, Kurunegala and Jaffna.

Having started out with a mere 400 students, today the institute boasts a student population of over 9,000. Together with superior research facilities and optimum resources, SLIIT is able to encourage students to reach new heights in both innovation and excellence. The consistent high standards that we strive to maintain ensures our graduates are not only accepted on the global platform, but are able to effectively tackle challenges in the real world. Additionally, we aim to instill in our students analytical, problem-solving and communication skills to help them navigate their way.

Furthermore, if students are interested in pursuing a foreign degree, they have the option of following an offshore programme right here in Colombo or follow the pathway option facilitated by many of our partner universities. If students are unable to complete their studies due to unavoidable circumstances, they have an exit option at each level, with the ability to rejoin the programme at an appropriate level and continue through to graduation.

SLIIT CAMPUSES

MALABE CAMPUS

Nestled within a serene environment yet in close proximity to Malabe city, the SLIIT Malabe campus sits on a sprawling 25 acre site. Aside from offering a wide range of courses, it also presents a host of superior facilities for students. Not only is it a esthetically designed, it is technologically progressive too.

Modern buildings are comprised of a 14-storey building, accommodating administration, examinations, Faculty of Graduate Studies & Research, Faculty of Humanities & Sciences; a 09-storey building housing the Computing Faculty and the main library; the 07-storey building home to the Engineering Faculty, the 04 story building accommodating the Business School and a 02-storey building complete with a large auditorium.

The building complex adds up to a total area of over 400,000sqft, and consists of lecture halls, laboratories,

an auditorium, communication facilities, library & reading rooms, administration & service facilities, and common student areas including several cafeterias.

The campus also boasts a large playing field, tennis, basketball and table tennis courts, along with a jogging track.

Further in-house facilities are available at the Software Design and Development Division, Research and Development, Incubator & SLIIT Research Centre.

All study / common areas are WIFI enabled. Laboratories, lecture halls, library and reading rooms are centrally airconditioned & fitted with automatic lifts, fire detection and control systems and CCTV camera surveillance.



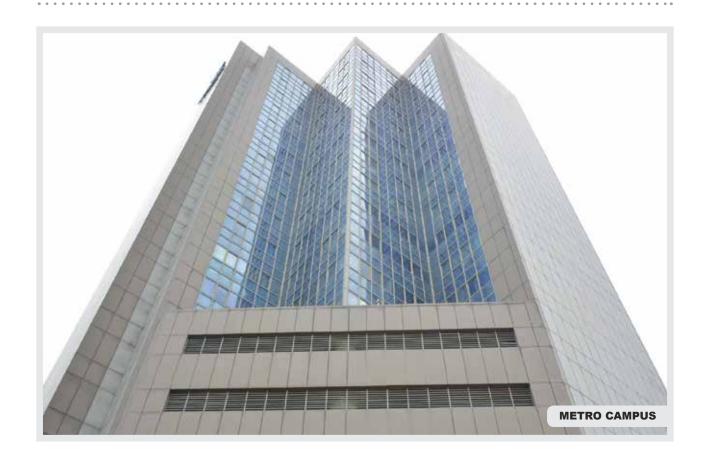
METROPOLITAN CAMPUS

The SLIIT Metropolitan Campus in Colombo, is located at the BoC Merchant Tower, Colombo 03. This building is centrally located and is close to Colpetty Junction, with readily available public transport services in all directions. The SLIIT building is centrally airconditioned, consists of automatic lifts, fire detection and control systems, CCTV camera surveillance and a highly conducive environment for research and study.

Students are transferred to the Malabe campus after the first 2 years, for further specialised study. In-house facilities are also available to conduct Professional Development programmes and Research and Development programmes as well.

The CISCO Instructor Training Centre, CISCO Academy Support Centre and CISCO Networking Academic Centre, the Microsoft IT Academy and the Pearson **VUE Authorised Testing Centre for International** Certification is also located at the Metropolitan campus.

SLIIT facilities are found on the 9th, 12th, 13th, 15th and 16th levels of the BoC Merchant Tower. Additionally, there is a restaurant on the 10th floor along with banking facilities on the 1st and 2nd floor.



SLIIT CENTRES

MATARA CENTRE

The Regional Centre located in Matara was established 17 years ago as the first centre and is situated in the heart of Matara town by the Broadway. We can enroll students up to 200 for the diploma level of the degree program.

This regional centre was originated due to the convenience of students in and around Matara. SLIIT building consists of automatic lift, fire detection and control system, CCTV camera surveillance an a highly conducive environment for study with state of the art facilities.

The Center facilitates the first two years of the computing degree and also the first year of the business degree. Upon completion of the diploma level students can transfer to the Malabe Campus to complete their degree.



KANDY CENTRE

The SLIIT Kandy Centre is situated in the heart of Kandy City with the collaboration of E-Wis Career Training (Pvt) Ltd. The Centre can accommodate more than 400 students for diploma level in Computing and Business.

We are equipped with modern laboratory facilities and state of the art lecture halls where students will be learning identical programmes as at other campuses. On completion of upon studies they can transfer to our Malabe Campus to complete the degree.





KURUNEGALA CENTRE

The Kurunegala Centre of SLIIT was established in 2013 in collaboration with E-Wis Career Training (Pvt) Ltd. The Center can accomadate more than 100 students to follow the diploma level of the computing and business degrees.



JAFFNA CENTRE

The Jaffna centre was established also for the convenience of the students in and around the Jaffna region.

Students have the option of studying the first year of the degree at the Jaffna centre and upon completion of upon studies they can transfer to our Malabe Campus to complete their degree.

We are fully equipped with modern laboratories and state of the art lecture halls including modern library facilities.





RESEARCH WITH IMPACT

Research forms an integral part of SLIIT. Our research centre is established to foster a culture of innovation amongst the academic staff and students and promote novel thinking. This facility is overseen by a committee of senior academics/ researchers. Moreover, the Sri Lanka Technology Incubator provides necessary facilities for new and startup companies to take successful projects to the next level.

- As an institute SLIIT has been in forefront of degree awarding. Throughout the years SLIIT received several notable grants totaling over Rs. 125 million, which in fact is a note of how prestigious SLIIT is in its various fields of academics.
- SLIIT's research programmes have secured a glowing reputation through the introduction of the Research Grant Scheme.
- Our Research Centre provides an innovative environment for inter-disciplinary collaboration, by providing the opportunity to showcase national and international level research at international conferences on Software, Knowledge, Information Management and Applications(SKIMA).
- Academics are segregated into research teams, with each team led by a senior academic. These senior academics are in turn eligible for the SLIIT annual research grants.
- Research methodology is a compulsory module for all postgraduate degrees at SLIIT. A comprehensive research project is completed by all students under the guidance of SLIIT staff members.
- Grants may be utilised at students' discretion for research purposes. These include accessing useful resources such as on-line journals, and participation in relevant conferences.
- SLIIT provides all academics an opportunity to showcase their research work through research seminar sessions.
- Supervised by a committee of senior academics and researchers, the SLIIT Research Centre is wellappointed for both staff and student research.
- The SLIIT Research Centre at the Malabe Campus provides a nurturing study environment, superior computer facilities, and is freely available for research discussions.



























SLIIT COMMUNITY

Our academic experience is enhanced by many social and cultural events organised by internal student societies. We strongly believe that students need to complement their academic work with a wide variety of extra-curricular and co-curricular activities. As such, SLIIT provides these opportunities and encourages students to participate in them actively.

All students entering SLIIT follow orientation courses prior to embarking on the degree. They are designed to improve English Language, Mathematical and Computer Skills. Each of these courses are highly beneficial in sculpting polished individuals. Furthermore, as all SLIIT programmes are conducted in English medium, the English course is particularly useful.

We now also provide student counselling and guidance services, established to assist and support students with any difficulties or issues that could hinder their personal and professional development

SLIIT DEGREES AT A GLANCE

Our degrees have been categorised into Faculty of Computing, SLIIT Business School, Faculty of Engineering, Faculty of Humanities & Sciences and School of Architecture sectors respectively. Browse through our expansive range of courses listed under each, below.

FACULTY OF COMPUTING

UGC Approved SLIIT Degrees

BSc (Hons) Degree in Information Technology Specialising in

- Information Technology
- Computer Systems & Network Engineering
- Information Systems Engineering
- Software Engineering
- Interactive Media
- Cyber Security
- Data Science

Bachelor of Information Technology

Curtin University, Australia

Bachelor of Science (Software Engineering)

Curtin University, Australia

Bachelor of Science (Computer Systems

& Networking)

Curtin University, Australia

SLIIT BUSINESS SCHOOL

UGC Approved SLIIT Degrees

BBA (Hons) Degree Specialising in

- Business Management
- Human Capital Management
- Marketing Management
- Accounting & Finance
- Logistics & Supply Chain Management
- Business Analytics
- Management Information Systems

BBA (Hons) Business Administration

Liverpool John Moores University, UK





FACULTY OF ENGINEERING

UGC Approved SLIIT Degrees

BSc Eng (Hons) Degree in

- Civil Engineering
- Electrical & Electronic Engineering
- Materials Engineering
- Mechanical Engineering
- Mechanical Engineering (Mechatronics)

BEng (Hons) Civil & Construction Engineering

Curtin University, Australia

BEng (Hons) Electrical & Electronics Engineering

Curtin University, Australia

BEng (Hons) Mechancal Engineering

Curtin University, Australia

BSc (Hons) Quantity Surveying

Liverpool John Moores University, UK

SCHOOL OF ARCHITECTURE

BSc (Hons) Arcitecture

Liverpool John Moores University, UK

FACULTY OF HUMANITIES & SCIENCES

UGC Approved SLIIT Degrees

BEd (Hons) in

- Physical Sciences
- Biological Science
- English

BSc (Hons) Biotechnology

BSc (Hons) Nursing

Liverpool John Moores University, UK

BSc (Hons) Psychology

Liverpool John Moores University, UK

LLB (Hons) Law

Liverpool John Moores University, UK

DEGREE TRANSFER OPTIONS

If you would like to transfer to an overseas university to pursue a foreign degree, then take a look at some of our programmes that have partnered up with selected universities in Australia, Canada, UK and USA.

O AUSTRALIA

University of Adelaide

- BEng (Hons) Electrical and Electronic
- BEng (Hons) Mechanical
- BEng (Hons) Mechatronic
- BEng (Hons) Mechanical and Sustainable Energy
- BEng (Hons) Mechanical and Sports
- BEng (Hons) Mechanical and Aerospace
- BEng (Hons) Civil

Macquarie University

- BEng (Hons) in Electronics Engineering
- BEng (Hons) in Telecommunications Engineering
- BEng (Hons) in Mechatronics Engineering
- BEng (Hons) in Mechanical Engineering

RMIT

- Associate Degree in Engineering Technology (Advanced Manufacturing and Mechatronics
- Major)
 - Associate Degree in Engineering Technology
- (Aerospace Technology)
- Associate in Engineering Technology (Civil Major)
- Associate Degree Engineering Technology (Computer and Network Major)
- Associate Degree in Engineering Technology (Electrical and Electronics Major)
- Associate Degree in Engineering Technology (Sustainable Systems Major)

Deakin University

- Bachelor of Civil Engineering (Hons)
- Bachelor of Mechatronics Engineering (Hons)
- Bachelor of Mechanical Engineering (Hons)
- Bachelor of Electrical and Electronics Engineering (Hons)
- Bachelor of Commerce
- Bachelor of Information Technology

University of New Castle

Bachelor of Information Technology

Queensland University of Technology

- Bachelor of Information Technology Computer Science
- Bachelor of Information Technology Information Systems
- BEng (Hons) in Civil
- BEng (Hons) in Computer and Software Systems
- BEng (Hons) in Electrical
- BEng (Hons) in Electrical and Aerospace
- BEng (Hons) in Mechanical
- BEng (Hons) in Mechatronics
- BEng (Hons) in Medical
- BEng (Hons) in Process Engineering
- BEng (Hons) in Computer and Software Systems
- Bachelor of Business (Accountancy)
- Bachelor of Business (Advertising)
- Bachelor of Business (Economics)
- Bachelor of Business (Finance)
- Bachelor of Business (HRM)
- Bachelor of Business (International Business)
- Bachelor of Business (Management)
- Bachelor of Business (Marketing)
- Bachelor of Business (Public Relations)
- Bachelor of Urban Development (Hons) Quantity Surveying and Cost Engineering

La Trobe University

- Bachelor of Business
- Bachelor of Information Technology
- Bachelor of Civil Engineering (Hons)

Griffith University

- Bachelor of Information Technology
- Bachelor of Business
- Bachelor of Commerce (Accounting)
- Bachelor of Commerce (Economics)
- Bachelor of Commerce (Finance)
- Bachelor of International Business

Flinders University

- Bachelor of Business
- Bachelor of Business (Management)
- Bachelor of Business (International Management)
- Bachelor of Business (Marketing)
- Bachelor of Business (Innovation and Enterprise)
- Bachelor of Commerce (Finance)

University of Tasmania

- Bachelor of Computing (Computing Major)
- Bachelor of Computing (Games Technology)
- Bachelor of Computing (Human Interface Technology)
- Bachelor of Information Systems

Curtin University

- BSc in Computer Systems Networking
- BSc (Computing) in Information Technology
- BSc (Computing) in Software Engineering
- BEng (Hons) Civil and Construction Engineering
- BEng (Hons) Mechanical Engineering
- BEng (Hons) Electrical & Electronics Engineering

Murdoch University

• BSc in Business Information Systems

University of Western Australia

• Bachelor of Commerce

William Angliss Institute

• Bachelor of Tourism and Hospitality

O USA

University of Cincinnati

BSc in Information Technology (2+2+co op program)

Wichita State University

- BSc in Engineering Technology specialising in Mechatronics Technology
- BSc in Industrial Engineering

South East Missouri State University

- Bachelor of Computer Network Systems Administration
- BSc Engineering Technology Electrical and Control

Youngstown State University

- BSc. in Computer Science
- BSc. in Computer Information Systems
- BSc. in Information Technology

CANADA

Memorial University

- International Bachelor of Business Administration
- Bachelor of Business Administration

Algoma University

• Bachelor of Computer Science

Liverpool John Moores University

- BSc (Hons) Architecture
- BSc (Hons) Quantity Surveying
- BBA (Hons) Business Administration
- BSc. (Hons) Psychology
- BSc. (Hons) Nursing
- LLB (Hons) Law

Ulster University

- BSc. (Hons) Computer Science
- BSc (Hons) Computer Science (Software System Development)
- BSc. (Hons) Information Communication Technologies
- BEng (Hons) Artificial Intelligence MSc. Data Science







DEGREES BSc HONOURS DEGREE PROGRAMMES

Specialisations

- Information Technology
- Computer Systems & Network Engineering
- Information Systems Engineering
- Software Engineering
- Interactive Media
- Cyber Security
- Data Science



- Academic & Professional Recognition
- Approved by the University Grants Commission under the Universities Act
- Member of the Association of Commonwealth Universities
- Member International Association of Universities (IAU)
- Accredited by the Institute of Engineering and Technology (IET), UK

This degree allows students the following options, upon successful completion of the prescribed modules:

End of 2nd year:

Higher Diploma in Information Technology

End of 4th year:

BSc Honours degree in Information Technology.

Students have the option of exiting a course, should they be faced with restrictive circumstances. Whilst they can rejoin at a later date, such requirements are subjected to relevant registration procedures and approval by SLIIT.

Refer Page: 28 Programme pathways for IT Degrees



INFORMATION TECHNOLOGY

The program is especially designed to improve the students' knowledge on theories, principles and practices in Information Technology and a wide range of soft skills. The key knowledge areas of the program includes Human Computer Interaction, Programming, Software Engineering, Networking, Database Management Systems and Operating Systems, Web Technologies.

Entry Requirements

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

Career Opportunities

- ICT infrastructure Engineers
- System and Data Administrators
- Information Assurance Engineers
- Software Quality Assurance Engineers
- Web Developers
- Software Engineers
- Data Engineers
- Network Engineers
- IT Managers
- IT Educationists

WHY CHOOSE INFORMATION TECHNOLOGY?

Inculcating the right combination of knowledge and practical, hands-on expertise how to take care of both an organization's information technology infrastructure and the people who use it.

Capable of developing/selecting hardware and software products appropriate for an organization, integrating those products with organizational needs and infrastructure, and installing, customizing, and maintaining those applications for the organization's computer users.

Covers a wide range of key knowledge areas related to the field of Information Technology including Human Computer Interaction, Programming, Software Engineering, Networking, Database Management Systems, Operating Systems and Web Technologies.

Also exposed to other important areas such as Project Management, Accounting, Marketing, Entrepreneurship and Business management.



COMPUTER SYSTEMS & NETWORK ENGINEERING

The program is especially designed to improve the students' knowledge on theories, principles and practices in Information technology and a wide range of soft skills. The key knowledge areas of the program includes Human Computer Interaction, Programming, Software Engineering, Networking, Database Management Systems and Operating Systems, Web Technologies.

Entry Requirements

Three passes including a pass obtained for Mathamatics or Physics, or three passes in Engineering Technology Stream at the G.C.E. Advanced Level Examination (Local / London or equivalent) obtained in one & the same sitting and a pass in the Aptitude Test conducted by SLIIT.

- Network Engineers
- Network Administrators
 Computer Systems Engineers
- Computer Systems Administrators
- Database Administrators Cloud
- Systems Engineers Scripting
- Engineers
- DevOps Engineers
- Security Engineers
- Infrastructure Engineers
- Network Architects
- Virtualization Engineers
- Backup Storage
- Engineers Voice
- Engineers and Network Designers



INFORMATION SYSTEMS ENGINEERING

Caters to those interested in becoming specialists focused on integrating IT solutions and business processes to meet the information needs of businesses and other enterprises

Entry Requirements

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

Career Opportunities

- Business Analysts
- Systems Analysts
- ERP Specialists
- CIOs
- e-Business consultants
- Product owners Release Managers
- IS Support Engineers
- IS Administrators
- Database Administrators
- Information Systems Engineers
- IS project Managers
- Business (process) consultants

WHY CHOOSE INFORMATION SYSTEMS ENGINEERING?

Develops a sound understanding of principles and practices related to both technical and organizational aspects of ICT in graduates. ISE graduates can serve as an effective bridge between the technical and management communities within an organization, enabling them to work in harmony to ensure that the organization has the information and the systems it needs to support its operations.

Play a key role in determining the requirements for an organization's information systems, and actively involved in requirement specification, design, implementation and management.

Covers several key areas related to the discipline including business & systems analysis, requirement engineering, systems design, business process re-engineering, enterprise resource planning and fundamentals of business management along with marketing, accounting and human resource management.

Will have hands-on experience through industry internships will have opportunities to connect with successful businesses in the ICT industry.



SOFTWARE ENGINEERING

Aimed at instilling a solid foundation in the entire software development lifecycle, well-equipped with theoretical and practical skills.

Students have the opportunity to spend either 3 months or 6 months in an industrial background at the end of their 3rd year.

Entry Requirements

Passes in three subjects (in any subject stream) at the G.C.E. Advanced Level Examination (Local / London or equivalent) in one and the same sitting, and a pass at the Aptitude Test conducted by SLIIT, along with passes for all modules upto the 2^{nd} year.

A GPA of over 2.7 is also necessary to join this specialisation.

- Software Engineers
- Mobile Application Developers
- Full Stack Developers
- UI/UX Engineers
- System Analysts



INTERACTIVE MEDIA

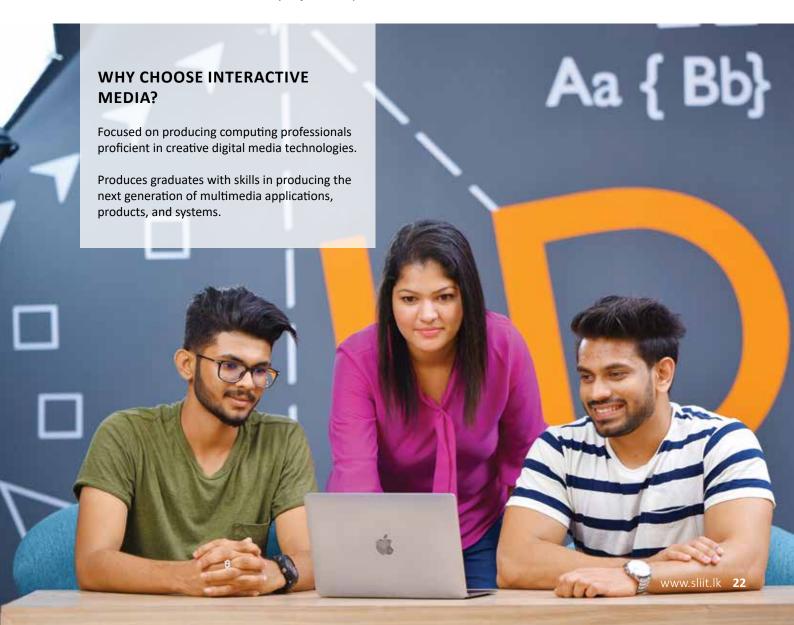
Caters to the need of rapidly evolving, creative, media-based industries, and covers technical and applies aspects such as: Design Ideation, 3D Modelling & Animation, Digital Video Production, Digital Image Processing, UI engineering, Game Development etc.

Entry Requirements

Passes in three subjects (in any subject stream) at the G.C.E. Advanced Level Examination (Local / London or equivalent) in one and the same sitting, and a pass at the Aptitude Test conducted by SLIIT, along with passes for all modules upto the 2^{nd} year.

A GPA of over 2.7 is also necessary to join this specialisation.

- UX/UI Engineer
- Visual Concept Designer
- Game Technologist
- Game Designer/Developer Web Developer
- Creative Director
- Production Manager
- Mobile Application Developer
- 3D Modelers
- 2D/3D Animators
- 2D/3D Visual Concept Designers
- Digital Marketing Specialists
- Advertising Media Specialists
- Interactive Designer
- Cinematographer
- Video/Visual Production Specialist
- Audio Production Specialist
- Multimedia Developer
- Multimedia Programmer
- Broadcasting Technologis



CYBER SECURITY

Due to increasing and persistent cyber attacks, there is a demand for cybersecurity professionals with a deep understanding of the complexities in protecting and defending infrastructures and networks. This program provides an in-depth education with a leadership and ethics focus. Going beyond programming and network administration, the cyber security program covers the critical topics facing organizations today, including data protection, legal and compliance, operational and strategic Cybersecurity management, penetration testing, and digital forensics.

Entry Requirements

Passes in three subjects (in any stream) at the G.C.E (Advanced Level) examination (Local / London or equivalent) in one and the same sitting and a pass at the Aptitude test conducted by SLIIT. To progress from the first year to the second year of the specialisation, a student must pass a selection interview.

- Cyber Security professionals
- Network Security Specialists
- Operations and Security Managers
- Incident and Threat managers
- Systems Architects
- Risk analysts and Risk Managers
- Forensic analysts
- Security Operations Center (SOC) Analysts



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 and eliciting the story the data tells.

Entry Requirements

Passes in three subjects (in any subject stream) at the G.C.E. Advanced Level Examination (Local / London or equivalent)) in one and the same sitting, and a pass at the Aptitude Test conducted by SLIIT, along with passes for all modules upto the $2^{\rm nd}$ year.

A GPA of over 2.7 is also necessary to join this specialisation.

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



BACHELOR OF INFORMATION TECHNOLOGY

IN PARTNERSHIP WITH



ABOUT THE PROGRAMME

Information technologists, computer scientists, software engineers, programmers and other computing professionals are experts on how technology works, and how computing can address even the most complicated and intricate problems.

This course can provide you with the skills and knowledge you need for a successful career in the rapidly evolving information and communications technology industry. In your first year, you will develop your programming skills and study the fundamental theoretical knowledge of computing.

CAREER PROSPECTS

This degree will ready you for careers including:

- Games Developer
- Information Technology Administrator
- Analyst (Information Technology)
- Programmer (Information Technology)
- Information Technology Support Technician

ACCREDITATIONS

- Recognised by the University Grants
 Commission under the Universities Act
- Member of the Association of Commonwealth Universities
- Member International Association of Universities (IAU)







PROFESSIONAL RECOGNITION

Graduates are eligible to apply for Professional Level accreditation of the **Australian Computer Society**.



ENTRY REQUIREMENT

- GCE Advance Level (Local) 3 passes in one and the same sitting in any subject
- stream OR
 GCE Advance Level (Edexcel /
 Cambridge) 3 passes in one and the
 same sitting in any combination of
 subjects.
- A pass in the Aptitude Test conducted by SLIIT.





BACHELOR OF

COMPUTING (SOFTWARE ENGINEERING)

IN PARTNERSHIP WITH



ABOUT THE PROGRAMME

Software engineers incorporate the latest technology in the design and implementation of large-scale software systems for commercial purposes. This course aims to produce graduates who are well-versed in the principles of design, measurement and analysis applied in the context of the development of software-based systems. You will receive a strong foundation in computer science, with further emphasis on software requirements gathering, design, implementation and testing. You will also focus on communication skills, professional responsibility, ethics, interpersonal relationships, teamwork, and time management. In your final year, you will undertake an industry-based project.

CAREER PROSPECTS

This degree will ready you for careers including:

- Games Developer
- Information Technology Administrator
- Analyst (Information Technology)
- Programmer (Information Technology)
- Information Technology Support Technician

ACCREDITATIONS

- Recognised by the University Grants
 Commission under the Universities Act
- Member of the Association of Commonwealth Universities
- Member International Association of Universities (IAU)







PROFESSIONAL RECOGNITION

Graduates are eligible to apply for Professional Level accreditation of the **Australian Computer Society**.



ENTRY REQUIREMENT

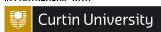
- GCE Advance Level (Local) 3 passes in one and the same sitting in any subject
- stream OR
 GCE Advance Level (Edexcel /
 Cambridge) 3 passes in one and the
 same sitting in any combination of
 subjects.
- A pass in the Aptitude Test conducted by SLIIT.

February / September Intake	Study Full-Time
Study on Campus	Malabe, Sri Lanka
3 Years	info@sliit.lk 011 754 4801



BACHELOR OF SCIENCE (COMPUTER SYSTEMS & NETWORKING)

IN PARTNERSHIP WITH



ABOUT THE PROGRAMME

Computer networks form the backbone of modern information systems. This course will help you fully understand computer network design and development technologies so you can pursue career opportunities in this rapidly expanding field.

You will develop skills in network design and management, the convergence of IT and telecommunications, embedded systems, computer hardware and software, real-time systems and IT technical support. Your focus will be on the design and support of distributed computer and telecommunications networks.

CAREER PROSPECTS

Completing this course will enable you with numerous career prospects as a network and system administrator, IT support specialist, telecommunications manager or systems designer, for example.

A feature of this course is certification-based training with IT leaders such as Cisco.

ACCREDITATIONS

- Recognised by the University Grants
 Commission under the Universities Act
- Member of the Association of Commonwealth Universities
- Member International Association of Universities (IAU)







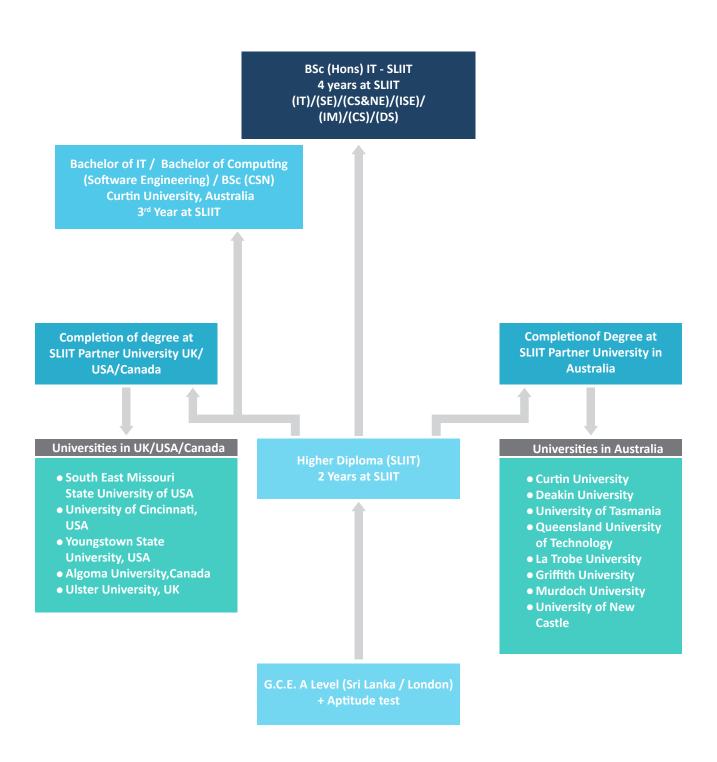
ENTRY REQUIREMENT

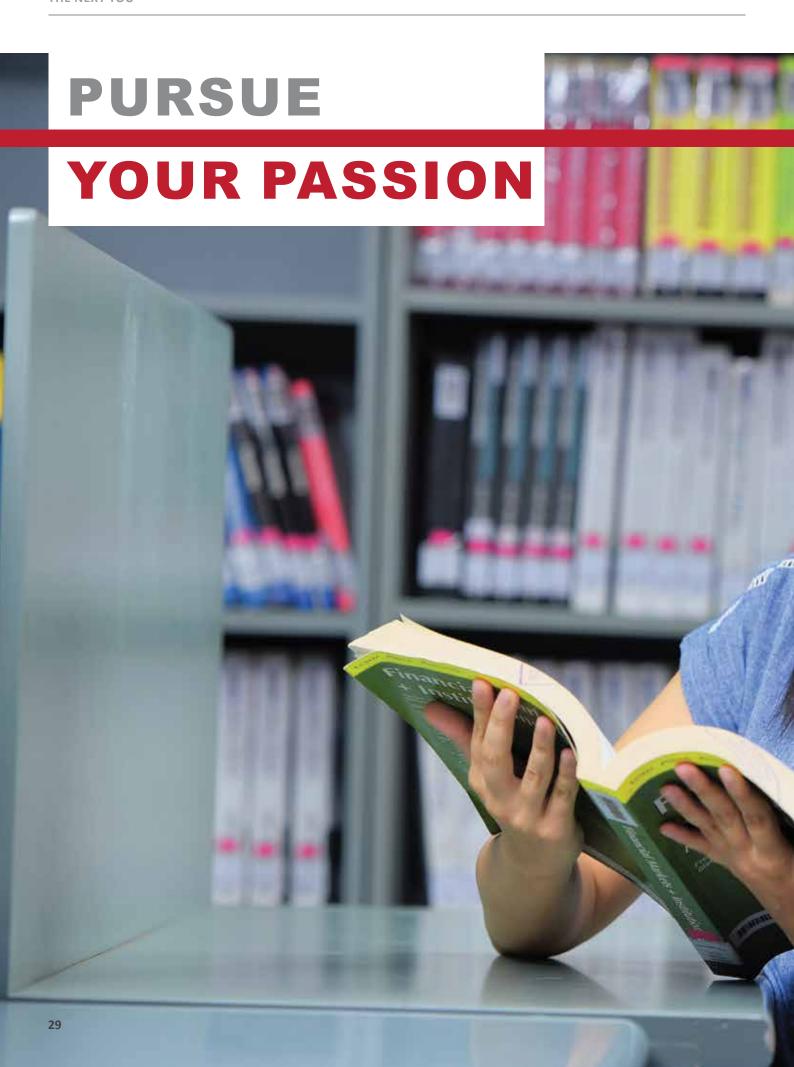
- GCE Advance Level (Local) 3 passes in one and the same sitting in Maths, Science or Technology Stream OR GCE Advance Level (Edexcel / Cambridge) - 3 passes in one and the same sitting, with Mathematics or Physics as a subject.
- A pass in the Aptitude Test conducted by SLIIT.

February / September Intake	Study Full-Time
Study on Campus	Malabe, Sri Lanka
3 Years	info@sliit.lk 011 754 4801



YOUR DEGREE **PATHWAYS**







DEGREES
BBA HONOURS
DEGREE PROGRAMMES

Specialisations

- Business Management
- Human Capital Management
- Marketing Management
- Accounting & Finance
- Logistics & Supply Chain Management
- Business Analytics
- Management Information Systems



- Academic & Professional Recognition
- Approved by the University Grants Commission under the Universities Act
- Member of the Association of Commonwealth Universities
- Member International Association of Universities (IAU)
- Member of the Association to Advance Collegiate Schools of Business (AACSB)

This degree allows students the following options, upon successful completion of the prescribed modules:

End of 2nd year:

Higher Diploma in Business Administration

End of 4th year:

BBA Honours Degree

Refer Page: 40 Program Pathway for the Business Degrees



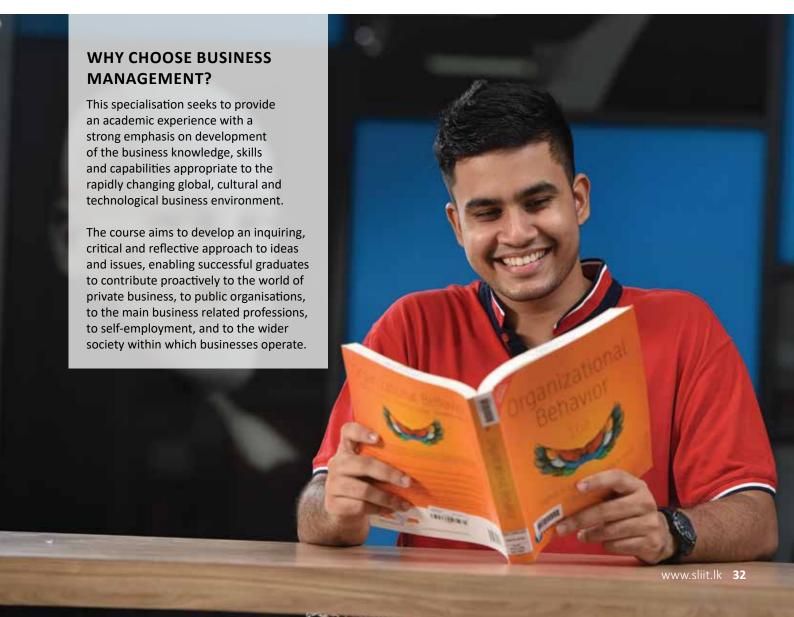
BUSINESS MANAGEMENT

The dynamic business environment demands multiple skills and abilities from the management graduates. Rather than being specialised in a single area of knowledge the graduates entering the business community would benefit by being equipped with knowledge in multiple areas important to a business. This offers flexibility to the industry to shape the young graduates to their specific job requirements with minimum investment. The business community's need to recruit multi skilled graduates who have exposed themselves to a wide range of knowledge and skills is intended to be catered through the introduction of this BBA (Hons) Business Management programme.

Entry Requirements

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

- Consultants
- Business Executives
- Managers
- Business Development Executives
- Academics
- Business Coordinators
- Entrepreneurs
- Bankers
- Research Executives
- Management Trainees



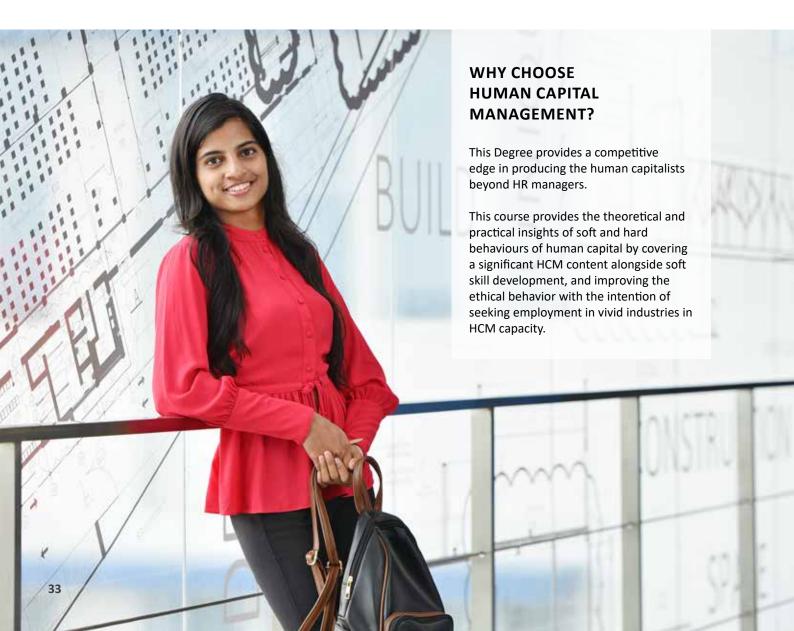
HUMAN CAPITAL MANAGEMENT

Covers the theoretical foundation of HCM, with a sound appreciation of other related business disciplines. Provides students with the knowledge, skills and social awareness necessary to manage people both nationally and internationally. Growing awareness of the importance of HCM, has led to increasingly competitive levels of pay, and graduates can therefore look forward to excellent career prospects.

Entry Requirements

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

- Human Capital Manager
- Academic Consultant
- Academic / Lecturer
- HRIS Specialist
- HR Analyst
- HR Assistant
- HR Advisor
- Senior Executive Talent Acquisition



MARKETING MANAGEMENT

Marketing Management emphasises on the importance of converting an organisation's entire system into a customer focused entity. Students are able to gain an entirely new perspective of both the organisation and the customer. Complete with universally applicable fundamentals, the study programme will provide students an in-depth knowledge of marketing, as practices in today's competitive business environment.

Entry Requirements

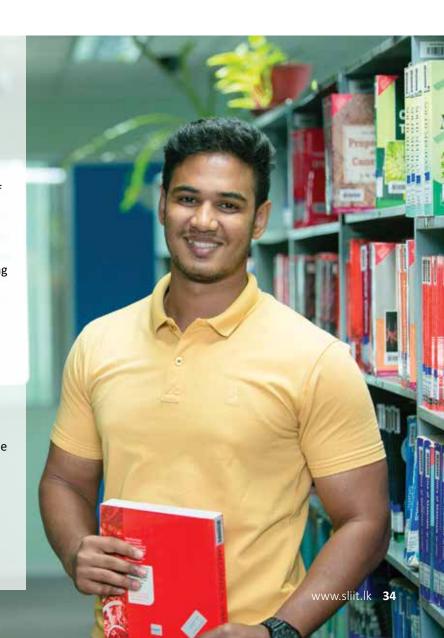
Passes in three subjects (in any subject stream) at the G.C.E. Advanced Level Examination (Local / London or equivalent) in one and the same sitting, and a pass at the Aptitude Test conducted by SLIIT.

WHY CHOOSE MARKETING

Career Opportunities

- Marketing Manager
- Sales / Marketing Executive
- Manager (Customer Relations)
- Brand Executives / Brand Managers
- Online Marketing Analyst
- Marketing Specialist
- Tele Marketing / Digital Marketing Executive
- Merchandiser
- Clients Servicing
- Public Relations Specialist
- Research Executives
- Management Trainee Marketing

MANAGEMENT? This four year Marketing Management Degree will provide the students with the skills and experience to become a marketing professional, and the confidence to progress into a number of roles, from product marketing to public relations. Right from the first year, students will engage in live client project work, putting their skills and knowledge into practice. There will also be opportunities to test their professional skills in a secure and supportive environment, and develop innovative approaches to solving marketing problems. They will benefit from our collaborative approach to our teaching and learning, which enables our students to determine the nature, structure and content of a number of modules. The programme is accredited by the Sri Lanka Institute of Marketing (SLIM), the apex body for Sri Lankan Marketers



ACCOUNTING & FINANCE

Allows students to acquire an in-depth knowledge typically required by an expert in Finance and Accounting. Electives available in the final year allow students options for further specialisations in the selected fields.

Entry Requirements

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

Career Opportunities

- Accounts Executive
- Accountant
- Audit Executive
- Finance Executive
- Finance Manager
- Audit Supervisors
- Management Trainee (Finance)
- Management Accountant
- Cost Accountant
- Financial Analyst
- Internal Auditors

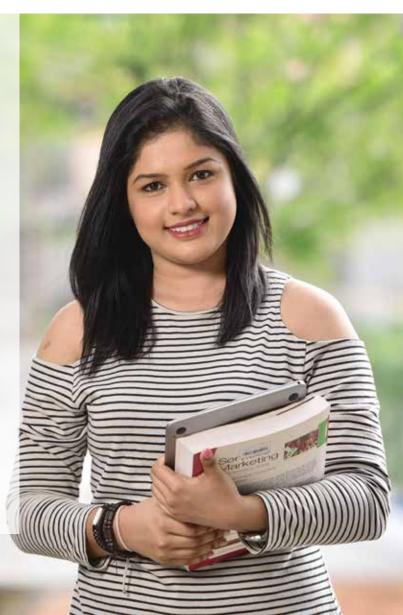
WHY CHOOSE ACCOUNTING & FINANCE?

The program offers a well-rounded mix of modules covering all aspects of accounting and financial management that blend together an understanding of the financial world and the topical issues affecting that world. The content of this programme is reviewed periodically to ensure it is kept up-to-date and in line with industry needs.

Students are provided with a thorough grounding of the theory and practice of accounting and finance embedded with IT not only in preparation for employment, but also for further academic and professional advancement.

This programme is accredited by the Chartered Institute of Management Accountants (CIMA) and the Institute of Certified Management Accountants of Sri Lanka (CMA), who are the Members of the International Federation of Accountants (IFAC), and CMA being a Member of the South Asian Federations of Accountants (SAFA) and the Confederation of Asian and Pacific Accountants (CAPA).

Moreover, the Chartered Institute for Securities and Investments (CISI) has recognized this degree by exempting foundation level completely.



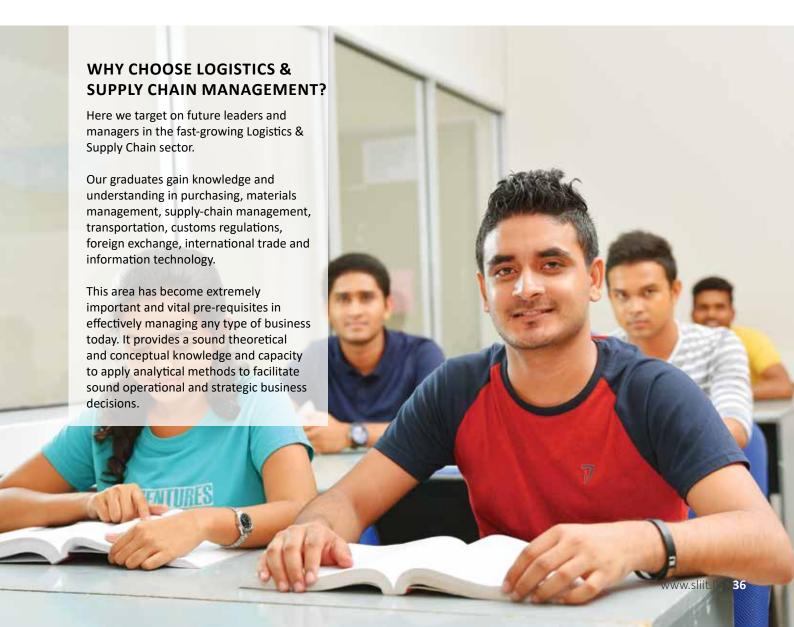
LOGISTICS & SUPPLY CHAIN MANAGEMENT

Provides students with the core knowledge necessary for a wide range of logistics and supply chain activities such as: demand planning, purchasing, inventory control, material handling, product and service support, IT, transportation, distribution, warehousing and strategic supply chain management. Focuses on the analysis, design, implementation, planning, control and improvement of manufacturing and service processes. Prepares students for professional careers with manufacturers, distributors, transportation carriers, logistics service providers and consulting firms. Curriculum provides the required theoretical / conceptual base and analytical methods for making sound operational and strategic business decisions.

Entry Requirements

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

- Procurement Managers
- Logistics Managers
- Procurement / Purchasing / Sourcing Executive
- Supply Chain Executives
- Strategic Buyers
- Demand Planners
- Shipping and Logistic Executives
- Operations Specialist
- Logistics Assistant
- Logistics Analyst



BUSINESS ANALYTICS

This is the discipline of applying quantitative analytical models to analyse data, particularly found in large volumes to help make better business decisions. Successful business analytics depend on quality data, skilled analysts who have a thorough understanding of technologies, and the organisation's commitment to data-driven decision making. Career opportunities for business analytics graduates are thriving, as major organisations have adopted data-driven and technology-focused approaches.

Entry Requirements

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

Career Opportunities

- Enterprise Content Management Consultants
- BA Strategy Consultants
- Business Intelligent and Performance
- Management Consultants
- Optimization Consultants
- Enterprise Information and Management Consultants
- Business Analytics Trainee
- Business Analyst

WHY CHOOSE BUSINESS ANALYTICS?

Graduates of this program supports companies and organizations to realize the data generated from various business processes, sources and devices which can be used to improve their speed and effectiveness in generating business insights and intelligence for optimal decision making purposes.

Their knowledge and skills in Business analytics can be used to gain insights that inform business decisions and can be used to automate and optimize business processes.

Data-driven companies treat their data as a corporate asset and leverage it for a competitive advantage. Our graduates are skillful to use a number of analytical tools in such companies.

Data quality, skilled analysts who understand the technologies and the business, and an organizational commitment to data-driven decision-making are crucial today for a successful business and we focus on making these skilled hybrid analysts.

As per above features, a significant demand exists in the modern business world for the business analytics graduates.



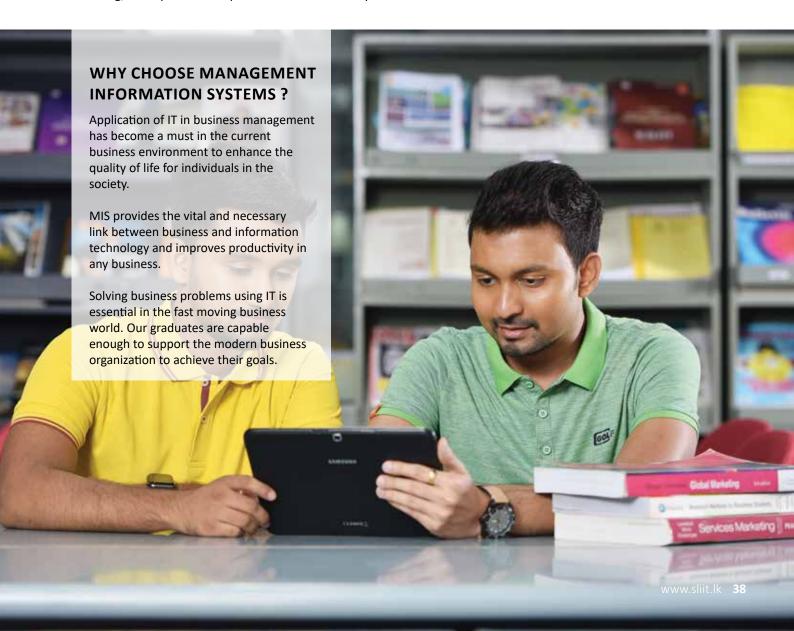
MANAGEMENT INFORMATION SYSTEMS

The students in the modern environment should be interested in how to apply information technology to improve business and to enhance the quality of life for individuals in the society. Management Information Systems Degree is where business meets technology. Students will obtain the required theoretical and practical knowledge with other skills by this four year program. With this MIS specialisation, students are introduced following areas for their careers to become business analysts, consultants, innovators and entrepreneurs. Students interested in MIS are typically good problemsolvers, can handle multi-tasks, take challenges easily, always seek and initiate new projects, can handle ambiguity, like to work in teams, can see both the bigpicture and work on the detail, and they will work hard for high payoff.

Entry Requirements

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

- Enterprise Content Management Consultants
- BA Strategy Consultants
- Business Intelligence & Performance Management Consultants
- Optimizing Consultants
- Enterprise Information &
- Management Consultants



BRITISH DEGREE PROGRAMMES TO COMPLETE AT SLIIT



YOUR DEGREE **PATHWAYS**



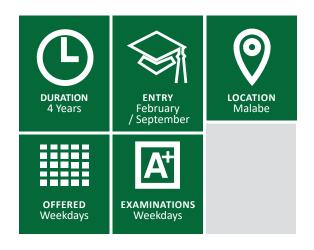




BSC ENGINEERING
HONOURS DEGREES

Specialisations

- Civil Engineering
- Electrical and Electronic Engineering
- Materials Engineering
- Mechanical Engineering
- Mechanical Engineering (Mechatronics)



- Academic & Professional Recognition
- Approved by the University Grants Commission under the Universities Act
- Member of the Association of Commonwealth Universities
- Member International Association of Universities (IAU)

This degree allows students the following options, upon successful completion of the prescribed modules:

End of 2nd year:

Higher Diploma in Engineering

End of 4th year:

BSc Eng. Honours Degree

Refer Page:52 Program Pathway for the Engineering Degrees



CIVIL **ENGINEERING**

Civil Engineering is a profession that deals with design, construction and maintenance of physical infrastructure and built environment. Civil Engineering works are including, but not limited to buildings, roads, railways, bridges, dams, reservoirs, tunnels, waterways, underground structures, ports, offshore structures etc. The civil Engineering course in an excellent blend of science and engineering fundamental and essential practical skills. Problem and project based learning is a key feature of the degree program. It enhances creative, innovative and teamwork skills among students. The Civil Engineering program at SLIIT includes project work based on laboratory experiments, literature reviews, field work and seminars. Students who follow Civil Engineering program undergo six months of compulsory industrial training at the end of their ^{2nd} and 3rd years, split into two periods of three months each.

First 2 years:

Developing a foundation in mathematics, sciences, basic engineering sciences and practical skills.

Third year:

Includes applied engineering units in structural analysis and design, materials, geotechnical engineering, construction engineering, hydraulics and professional practice.

Final year:

Covers field specific subjects in addition to subjects relative to construction management, industrial relations, contract law, cost estimation and finance. Students also carry out a research project and a comprehensive design project as part of the final year. Students may also use the final year to pursue specialised options in:

- Structural Engineering
- Geotechnical Engineering
- Transportation Engineering
- Water & Environmental Engineering
- Construction Engineering

Entry Requirements

Minimum of two "C" passes and one "S" pass in GCE Advanced Level (Local) in the Physical Science Stream (Combined Mathematics, Physics and Chemistry) in one and the same sitting and a pass at the Aptitude test conducted by SLIIT OR

Minimum of two "B" passes and one "C" pass in GCE Advanced Level (Cambridge or Edexcel) covering Combined Mathematics, Physics and Chemistry in one and the same sitting and a pass at the Aptitude test conducted by SLIIT



- Project Civil Engineer
- Construction Engineer
- Structural Engineer
- Consulting Civil Engineer
- Building Control Surveyor
- Contracting Civil Engineer
- Building Services Engineer
- Design Engineer
- Water Engineer
- Geotechnical Engineer
- Environmental Consultant
- Sustainability Consultant
- Quantity Surveyor

ELECTRICAL & ELECTRONIC ENGINEERING

This programme is designed in such way to improve the learning curve of students and produce graduates with right knowledge and skills in Electrical and Electronic Engineering. Students also undergo a compulsory 24 weeks industrial training at the end of their 2nd and 3rd years respectively, split into 12 weeks each.

First 2 years:

Developing a foundation in mathematics, sciences, basic engineering sciences and practical skills.

Third year:

Focuses on the application of Electrical & Electronic Engineering exposing students to real life engineering challenges.

Final year:

Mainly focused on exposure to real electrical and electronic systems deployed in the industry. Essential soft skills such as technical communication, presentation skills and non-engineering aspects such as legal, personal, management and business essentials are taught to comply with the professional engineering requirements of the curriculum. Comprehensive project module in the 4th year to assess the practical ability and professionalism of the student.

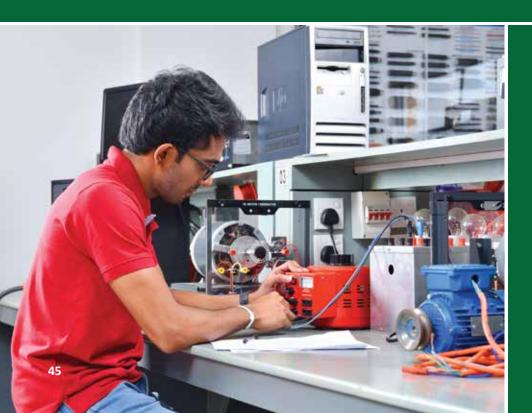
Students may choose from the following specialised options:

- Electronic Engineering
- Communications Engineering
- Electrical Engineering
- Computer Systems Engineering
- Network Engineering

Entry Requirements

Minimum of two "C" passes and one "S" pass in GCE Advanced Level (Local) in the Physical Science Stream (Combined Mathematics, Physics and Chemistry) in one and the same sitting and a pass at the Aptitude test conducted by SLIIT **OR**

Minimum of two "B" passes and one "C" pass in GCE Advanced Level (Cambridge or Edexcel) covering Combined Mathematics, Physics and Chemistry in one and the same sitting and a pass at the Aptitude test conducted by SLIIT



Career Opportunities

- Electronic Engineering
- Electrical Engineering
- Computer Systems Engineering
- Network Engineering
- Computer Systems Engineering
- Electrical Engineer
- Electronics Engineer
- Network Engineer
- Design Engineer
- Control and Instrumentation Engineer
- Broadcast Engineer
- Aerospace Engineer

Engineers may also establish their own consulting practices, and may also find work internationally

MATERIALS ENGINEERING

Materials engineers provide material solutions for engineering problems by studying the structure, properties and behaviour of materials, developing processes for manufacture and exploring ways to recycle and dispose products. Materials engineering involves the examination of how properties depend on microstructures and applying this understanding to select the most suitable material for an application. A key aspect of materials engineering is to be able to predict how materials will perform in service and understand how and why they fail. Materials have been so instrumental in human progress that the history can be defined by the primary materials used by people such as stone, bronze, iron, and even plastic, silicon, biomaterials and Nanomaterials! In essence, the technological advancements we see around us would not be possible without the contribution of materials engineers in the past. Today, we are living in a golden era of materials development during which

engineers have been able to advance the performance of existing products and develop novel technologies to improve almost every aspect of human life. The current degree programme is designed to cover all key areas of materials engineering to prepare the graduates for the competitive global economy and open doors to exciting career opportunities. Students undergo a total of 6 months of compulsory training at a materials related industrial facility at the end of their 2nd and 3rd years of study.

Year 1:

Developing a foundation in mathematics, sciences, basic engineering sciences and practical skills.

Year 2:

In addition to expanding on mathematics and engineering subjects, core materials engineering modules are introduced.

Years 3 - 4:

A more focussed materials engineering curriculum is followed, with the option of electing highly specialised modules in the 4th year. A comprehensive materials related project is undertaken in the same year.

Entry Requirements

Minimum of two "C" passes and one "S" pass in GCE Advanced Level (Local) in the Physical Science Stream (Combined Mathematics, Physics and Chemistry) in one and the same sitting and a pass at the Aptitude test conducted by SLIIT OR

Minimum of two "B" passes and one "C" pass in GCE Advanced Level (Cambridge or Edexcel) covering Combined Mathematics, Physics and Chemistry in one and the same sitting and a pass at the Aptitude test conducted by SLIIT



- Materials Engineer
- Metallurgist
- Polymer Engineer
- Ceramic Engineer
- Composite Engineer
- Materials development Engineer
- Materials processing Engineer
- Research and development
- Failure analysis Engineer
- Quality assurance Engineer
- Semiconductor processing Engineer
- Materials performance Engineer
- Corrosion Engineer

MECHANICAL ENGINEERING

A highly diversified professional engineering discipline encompassing manufacturing, automation, robotics, automotive engineering and energy conversion. Includes the science and art of formulation, design, development and control of systems and components involving thermodynamics, engineering mechanics, fluid mechanics, manufacturing and energy. Students undergo 6 months of compulsory industrial training at the end of their 2nd and 3rd years of study respectively, split into 3 months each.

First 2 years:

Developing a foundation in mathematics, sciences, basic engineering sciences and practical skills.

Third year:

Includes applied engineering units in thermal engineering, materials, automatic control, mechanical design and engineering management.

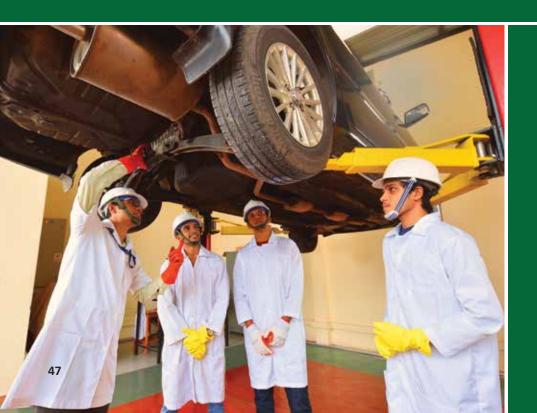
Final year:

Students can focus on specialised areas of study such as Manufacturing Engineering and Energy Engineering & Automobile Engineering. Includes project based work in laboratory, library and field work and partial assessment completed through seminars. Job functions and responsibilities range from product and product design engineering, plant operation and maintenance, quality control and project management. Mechanical engineers have skills readily transferrable between employers and may also find work internationally.

Entry Requirements

Minimum of two "C" passes and one "S" pass in GCE Advanced Level (Local) in the Physical Science Stream (Combined Mathematics, Physics and Chemistry) in one and the same sitting and a pass at the Aptitude test conducted by SLIIT **OR**

Minimum of two "B" passes and one "C" pass in GCE Advanced Level (Cambridge or Edexcel) covering Combined Mathematics, Physics and Chemistry in one and the same sitting and a pass at the Aptitude test conducted by SLIIT



Career Opportunities

- Mechanical Engineer
- Automotive Engineer
- Control and Automation Engineer
- Modern Automobile Engineer
- Maintenance Engineer
- Thermal Engineer
- Industrial Engineer
- Design and Manufacturing Engineer
- Technical Sales Engineer
- Production Manager

Engineers may also establish their own consulting practices, and may also find work internationally.

MECHANICAL ENGINEERING (MECHATRONICS)

Mechatronics is the synergistic integration of mechanics, electronics, controls and computer engineering towards the development of smart products and systems. Mechatronic engineers develop automation solutions to improve quality of life, enhance product quality and replace manual labour.

The Mechanical Engineering Degree (Mechatronics Specialization) starts with an overview of general engineering. The students will then follow courses

that have a focus on Mechatronics which includes automation, embedded systems, instrumentation, drive systems and robotics. The students will undergo compulsory industrial training of 3 months each at the end of 2nd and 3rd years.

Graduate Opportunities:

- Industrial Automation
- Robotics
- Electronics Industry
- Development of Smart Products
- Research and Development

Entry Requirements

Minimum of two "C" passes and one "S" pass in GCE Advanced Level (Local) in the Physical Science Stream (Combined Mathematics, Physics and Chemistry) in one and the same sitting and a pass at the Aptitude test conducted by SLIIT OR

Minimum of two "B" passes and one "C" pass in GCE Advanced Level (Cambridge or Edexcel) covering Combined Mathematics, Physics and Chemistry in one and the same sitting and a pass at the Aptitude test conducted by SLIIT



- Automation Engineer
- Instrumentation Engineer
- Mechanical Engineer
- Electronics Design Engineer
- Robotics Engineer
- Control Systems Engineer
- Data Scientist/Big Data Analyst
- Software Engineer

BEng (Hons) CIVIL & CONSTRUCTION ENGINEERING

IN PARTNERSHIP WITH



ABOUT THE PROGRAMME

Civil engineers design and construct bridges, roads, harbours, highways, dams, irrigation and water supplies, hydro-electric projects, high-rise buildings and other prominent structures. As our built environment becomes increasingly complicated, ambitious construction projects can only be completed by teams of people with different skills, working together. The civil engineer is important in this process. You will learn to apply your basic engineering knowledge for structural analysis and design, materials, geotechnical engineering, construction engineering, hydraulics and professional practice.

CAREER PROSPECTS

This major opens up a wide range of career options for a Curtin Civil and Construction engineering graduates, allowing them to help solve some fundamental global challenges as an engineer, with projects as roads, bridges, railways, harbours and docks, water supply and wastewater treatment, dams, tunnels and underground construction, power projects, offshore structures, and commercial and industrial buildings.

ACCREDITATIONS

- Recognised by the University Grants Commission under the Universities Act
- Member of the Association of Commonwealth Universities
- Member International Association of Universities (IAU)







PROFESSIONAL RECOGNITION

Graduates of this degree fulfil the stage 1 competencies stipulated by Engineers Australia (EA) as the pathway to chartered-engineer status (CPEng).



INTERNSHIP OPPORTUNITIES

6 months of industrial training is facilitated by us, as well as professionallyrecognised first-aid training prior graduation.



4 Years





BEng (Hons) In **ELECTRICAL & ELECTRONIC ENGINEERING**

IN PARTNERSHIP WITH



ABOUT THE PROGRAMME

There is hardly any aspect of modern civilisation that is not dependent upon electrical energy. It is used for heating, cooling, lighting, transportation, manufacturing and production, minerals processing, to name just a few areas of application.

Electrical power engineering considers these applications of electrical energy, together with its generation, transmission and distribution, as well as the harnessing of sources of renewable and sustainable energy. Electronic engineering is one of the fastest growing technology areas globally, and job opportunities in this field are numerous. With the rapid progress of the information society, the role of electronic communication and embedded systems (Internet of Things or IoT), is becoming even more crucial. Students undertaking this major can select their elective units towards **Electrical Power Engineering or Electronic** Engineering as they progress in their degree.

CAREER PROSPECTS

Graduates of this major are have a wide range of career options. With the triple challenge of climate change, security of energy supplies and affordability, global challenges mean the industry will continue to need electrical and electronic engineers. Many graduates begin their careers with electrical power companies, energy supply authorities and other large-scale users of electrical energy, electronic telecommunication companies, as well the Data Communication and Networking industries locally and internationally.

ACCREDITATIONS

- Recognised by the University Grants
 Commission under the Universities Act
- Member of the Association of Commonwealth Universities
- Member International Association of Universities (IAU)







PROFESSIONAL RECOGNITION

Graduates of this degree fulfil the stage 1 competencies stipulated by Engineers Australia (EA) as the pathway to chartered-engineer status (CPEng).



INTERNSHIP OPPORTUNITIES

6 months of industrial training is facilitated by us, as well as professionally-recognised first-aid training prior graduation.

















BEng (Hons) MECHANICAL ENGINEERING

INPARTNERSHIP WITH



ABOUT THE PROGRAMME

Mechanical engineers analyse and develop technical systems that involve motion. They help society to harness the energy and forces that exist in nature. The conception, design, manufacturing, maintenance and management of systems, ranging from micromechanical devices through to massive power generating turbines, are all within the scope of mechanical engineering. Modern air and ground transport systems, and thermal power generation are a few key examples of mechanical engineering accomplishments.

CAREER PROSPECTS

Mechanical engineers are sought for their wide breadth of skills and knowledge across a range of engineering enterprises – from small companies to consultancies and large multinational corporations. Curtin's mechanical engineering graduates have the knowledge, skills and adaptability to be successful in the workplace. Graduates may find employment in the design and planning of manufacturing processes within a range of industries.

ACCREDITATIONS

- Recognised by the University Grants Commission under the Universities Act
- Member of the Association of Commonwealth Universities
- Member International Association of Universities (IAU)







PROFESSIONAL RECOGNITION

Graduates of this degree fulfil the stage 1 competencies stipulated by Engineers Australia (EA) as the pathway to chartered-engineer status (CPEng).



INTERNSHIP OPPORTUNITIES

6 months of industrial training is facilitated by us, as well as professionallyrecognised first-aid training prior graduation.









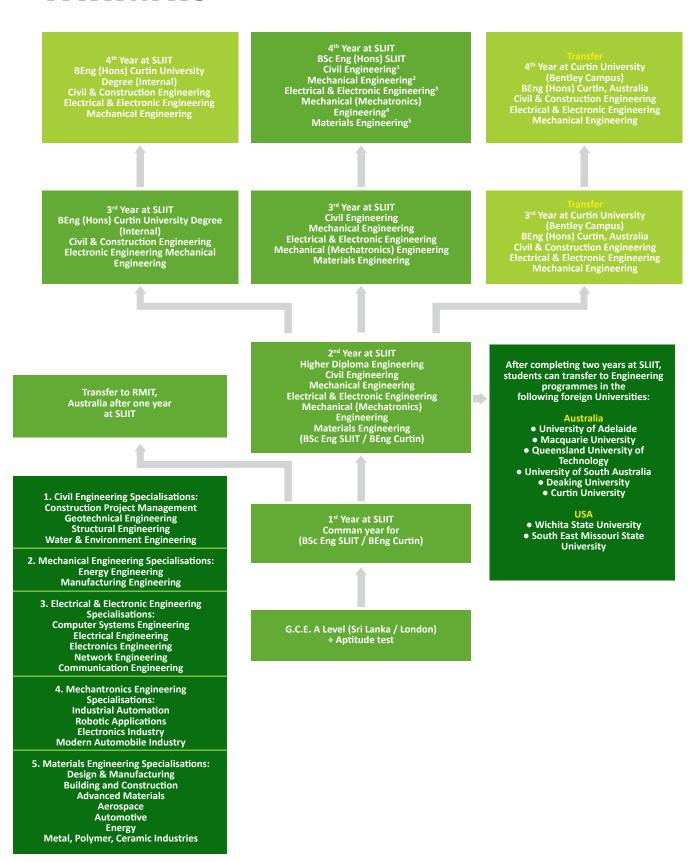








YOUR DEGREE **PATHWAYS**

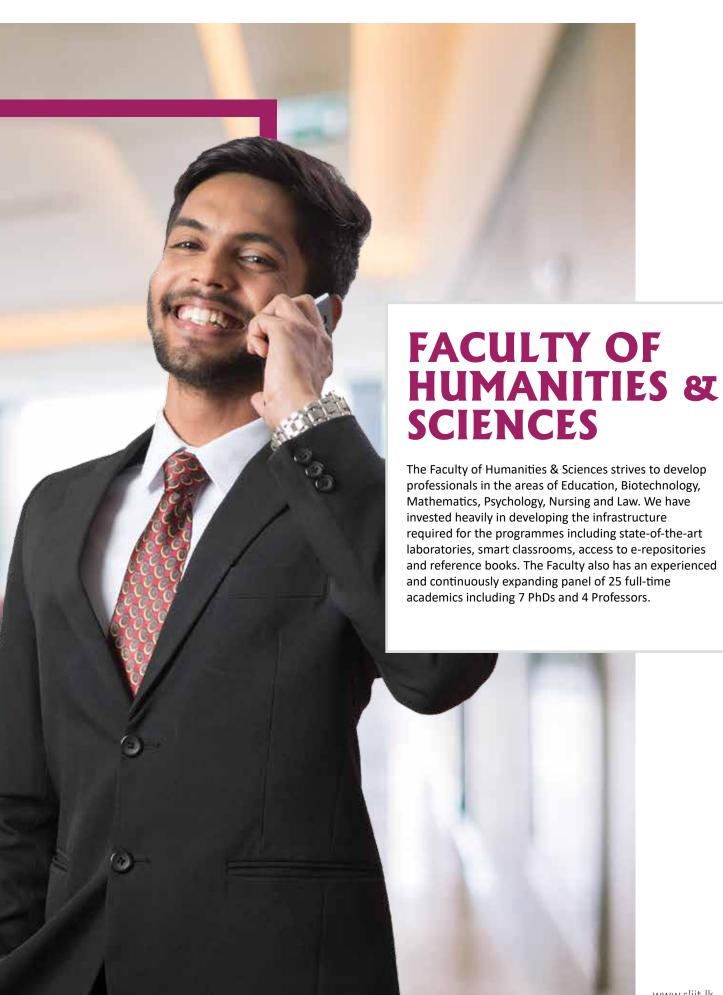


BRITISH DEGREE PROGRAMMES TO COMPLETE AT SLIIT









DEGREES
BACHELOR OF
EDUCATION (HO

Specialisations

- Physical Sciences
- Biological Sciences
- English



PROFESSIONAL AREAS COVERED IN THE PROGRAMME

- Deeper understanding of students and their learning strategies
- Principles of education
- Psychological needs of children in the context education
- Professionalism in teaching (teaching as a profession)
- New trends in education
- Education for the 21st Century
- · Smart teaching and learning
- Deeper understanding of the role of the teacher and teaching strategies
- Use of ICT in education
- Educational technology
- Teacher vs. student centered learning
- Classroom management
- Testing and evaluation in education

Since this degree programme is conducted in English, the graduates from this program will be highly sought after by both public and private sector schools, where the medium of instruction is English. A graduate has the potential for employability in positions where the basic requirement is an undergraduate (Hons) degree. In the event of a graduate wanting to pursue a career as an academic, there is possibility of enrolling either in a Masters' in Education (MEd) or Masters' in Philosophy (MPhil) programme.



PHYSICAL SCIENCES

The BEd (Hons) in Physical Sciences is a four year full-time degree programme. In the four years of study we provide a balance between both theoretical and practical essence of Physics, Mathematics and Education related subjects. This degree run alongside courses focusing on developing educational skills essential for teaching Physics and Mathematics at the secondary schools including Advanced Level classes. Our Bachelor of Education graduates are sought after by both public and private sector institutions and will be acceptable locally and globally.

Entry Requirements

Passes in three subjects including Mathematics (Combined Mathematics or Higher Mathematics) and Physics at G.C.E. Advanced Level Examination (Local / London or equivalent) in one and the same sitting and a pass in the Aptitude Test conducted by SLIIT.

- English medium teaching opporunties in State and Private sector
- Lecturers in Noncommissioned
 Officer in Education System
- University Lecturers
- Sri Lanka Education
 Administrative Service Officers
- Overseas teaching opportunities
- Project officers in Educational projects funded by International Organizations



BIOLOGICAL SCIENCES

The BEd (Hons) in Biological Sciences is a four-year full-time degree programme. This degree demonstrates command and understanding of the subject matter related to Biology and Chemistry disciplines and teaching principles to exhibit professional competence in teaching Biology and Chemistry for secondary classes including Advanced Level. The graduates will be able to utilize different generic skills in teaching and learning and display commitment to teaching with a professional and ethical attitude, with a global perspective.

Entry Requirements

Passes in three subjects including Biology and Chemistry at the G.C.E. Advanced Level Examination (Local / London or equivalent) obtained at one and the same sitting and a pass in the Aptitude Test conducted by the Institute.

- English medium teaching opporunties in State and Private sector
- Lecturers in Noncommissioned Officer Education System
- University Lecturers
- Sri Lanka Education
 Administrative Service Officers
- Overseas teaching opportunities
- Project officers in Educational projects funded by International Organizations



ENGLISH

The BEd (Hons) in English is a four-year full-time degree programme. This programme is aimed at developing professional teachers to teach English as a subject in secondary schools up to GCE Advanced Level. It provides a balance between the discplines of English Language, Literature and Education studies. Within the first two years of the study, programme intends to lay a solid foundation for students in the field of English Language, Literature and Education. Continuing towards the final two years students may choose form a large variety of elective modules based on their personal interest and academic availability of the institution. The degree programme provides students with a profound knowledge and an understanding of the subject area and, together formulates students to be professionally qualified teachers of English Language and Literature. The degree certifies a close association between the development of subject knowledge and the practice of teaching simultaneously.

Entry Requirements

Passes in three subjects (with English as a subject) at G.C.E. (Advanced Level) Examination (Sri Lanka / London or equivalent) **OR** Passes in three subjects at G.C.E. (Advanced Level) Examination (in English medium) in any discipline and a pass in the Aptitude Test conducted by SLIIT.

- English medium teaching opporunties in State and Private sector
- Lecturers in Non-commissioned
 Officer Education System
- University Lecturers
- Sri Lanka Education
 Administrative Service Officers
- Overseas teaching opportunities
- Project officers in Educational projects funded by International Organizations



BSc (Hons) BIOTECHNOLOGY

Faculty of Humanities and Sciences offers BSc (Hons) in Biotechnology for those who wish to pursue career in biotechnology industry. The programme provides appropriate theoretical and practical knowledge through lectures, laboratory experiments and research, industrial experience, field visits and internships.

Entry Requirements

Passes in three subjects at the G.C.E Advanced Level Examinations (Local or London or equivalent) obtained at one and the same sitting in Biological Science Stream **AND** a Pass in the Aptitude Test conducted by the Institute.

Career Opportunities

- Scientists
- Lecturer
- Managers in the Medical Laboratories
- Molecular biologist in Veterinary Industry
- Drug designing scientists
- Plant Molecular biologists
- Molecular plant breeder
- Nutritional Biotechnologists
- Bioinformatisians
- Forensic biotechnologists
- Marine biotechnologists
- Entrepreneur in biotechnology industry

WHY CHOOSE BIOTECHNOLOGY?

The Academic Staff - The degree programme staff is both seasoned and contemporary, with many years of teaching at National and International Universities.

The degree has been listed, first and foremost, locally developed and accredited/approved by the Ministry of Higher Education /UGC and offered in a non-state institute (SLIIT).

Plant Agriculture, Animal Agriculture, Environmental management, Food Innovation, Bioinformatics Genomics/proteomics, Genetic Engineering, Molecular biology/ microbiology, Healthcare/beauty care/pharmaceuticals and Diagnostics.

Development of advanced modules, teaching and research practicums, and electives allowing students to take ownership of their own learning to meet their individualized goals in more focused areas of practice.

Breadth and depth of industry affiliations, nationwide - helps internship, research projects and career opportunities.

A curriculum that reflects hours of instruction to afford a more independent learning environment.



BSc (HONS) PSYCHOLOGY

ABOUT THE PROGRAMME

There is an increasing global need for trained professionals in the field of psychology. Psychology and its teachings can be applied in many day-to-day life settings, and trained professionals are able to apply the findings and principles of psychology effectively diverse fields. An individual with a Psychology qualification can choose the areas they wish to continue in their work, depending on their own interests, skills, and education choices. Apart from the added advantage of being equipped with the degree in Psychology, the following specific career pathways are available subjected completion of subject-specific postgraduate education qualification in Psychology.

ENTRY REQUIREMENT

- Pass in three subjects at the GCE Advanced Level (Cambridge / Edexcel / Local or equivalent) obtained at one and the same sitting in any stream.
- A pass in the Aptitude Test and interview conducted by the Institute.

CAREER OPPORTUNITIES

- Clinical Psychologist
- Counseling Psychologist
- Psychotherapist
- Marital & Family Counselor
 HRM Consultant
- Psycho-social Worker
- Mental Health Researcher Marketing Strategist
- Addiction Counselor
- Child Psychologist
- Educational Psychologist
- School Counselor

- Special Needs Teacher
- Early Childhood Specialist
- Business Psychologist
- HR Researcher
- Ergonomics Specialist
- Corporate Trainer
- Brand Consultant

ANALYSIS

FACTS

MATHEMATICS

LANGUAGE



CREATIVITY

INTUITION

FEELINGS

IMAGINATION

DAYDREAMING

ARTS



BRITISH DEGREE PROGRAMMES TO COMPLETE AT SLIIT

LLB (Hons) LAW

ABOUT THE PROGRAMME

Liverpool John Moores University's LLB (Hons) Programme offered at SLIIT is a complete UK degree which seeks to transform undergraduates into legal professionals who can compete not only locally but also globally. The 3-year degree program consists of core modules which give students a firm grasp of the fundamentals of English law, and optional modules which give students an opportunity to acquire knowledge about specialised areas of law such as human rights, animal rights, financial crimes, banking, international law etc. The degree with its strong industry focus also allows students to acquire and hone knowledge and skills needed for traditional jobs as well as nontraditional career pathways as professional mediators or negotiators through modules such as mooting, mediation and negotiation. In each year of study, students are required to obtain 120 credits. In year 1, you will study six core modules including Principles of Contract Law, Tort Law, Criminal Law and Public Law. In year 2, you will study four core modules (Equity and Trusts, Land law, Law of the European Union, and Remedies in Contract and Tort) and 2 optional modules selected from a range of options offered. In year 3, all modules are optional modules, and students can obtain the required 120 credits from the range of optional modules offered based on their preferences.

Entry Requirements

- 3 passes in any subject stream at GCE (Advanced Level) examination (Sri Lanka) in one the same sitting with a Credit pass for English at the GCE (Ordinary Level) examination **OR**
- GCE Advanced Level (Edexcel / Cambridge) with 3 D passes in one and the same sitting AND
- A pass at the Aptitude Test conducted by SLIIT and the interview conducted by the School of Law, SLIIT.

CAREER OPPORTUNITIES

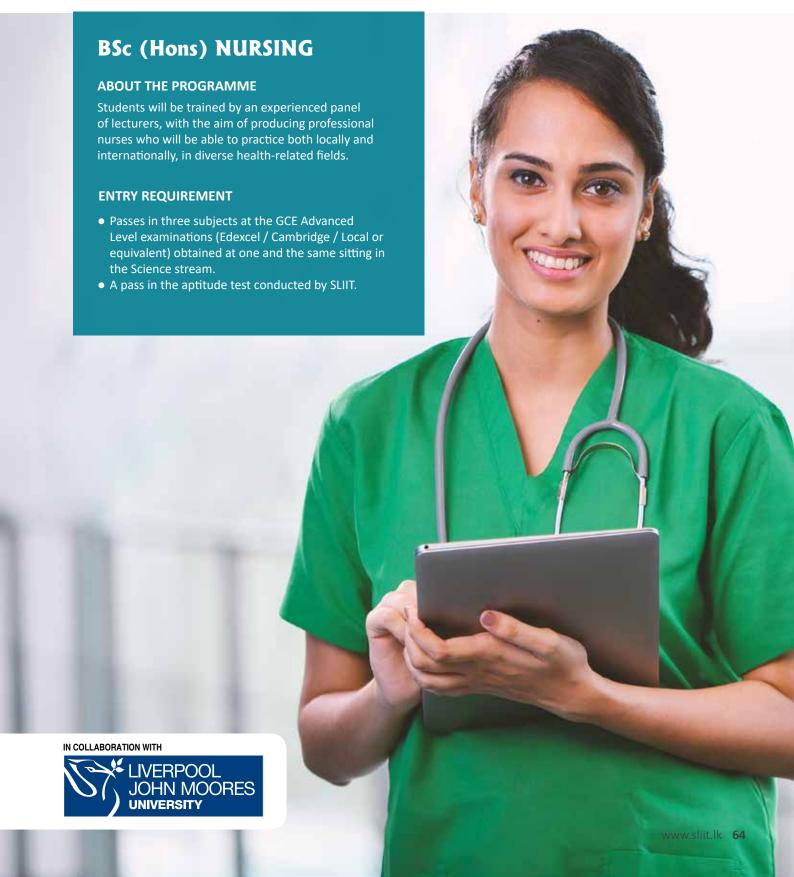
LLB (Hons) degree can open a variety of career pathways both locally and globally. The traditional career pathways for LLB graduates include working as Attorneys-at-law of the private bar, officers of the Attorney-General's department starting out as state counsels, joining the judiciary and working as judges, working in government departments and ministries including the Legal Draftsman's department, working in law firms, working as legal officers of private companies, politicians or as academics. Non-traditional career pathways include working in NGO's, international organisations such as the UN, or Legal Process Outsourcing Companies (LPOs), working as researchers, professional arbitrators, mediators or negotiators.

IN COLLABORATION WITH





BRITISH DEGREE PROGRAMMES TO COMPLETE AT SLIIT







BRITISH DEGREE PROGRAMMES TO COMPLETE AT SLIIT

BSc (Hons) ARCHITECTURE

ABOUT THE PROGRAMME

Architecture is an art, a vocation, it is also a science, a business and a passion for life. Helping the man-made environment harmonise with the natural environment. Architects create a legacy for future generations that embody the culture and traditions of the era. This professional pathway is ideal for creative people with sensitivity, imagination and an ability to appreciate the technical aspects of building and construction. An architect is ultimately responsible for determining the aesthetics and functionality of the living environment; therefore it is essential that an architectural education develops attributes in students which incorporate knowledge, skills and sensitivity. These skills will be imparted and diligently assessed during the course of your architectural journey at SLIIT.

ENTRY REQUIREMENT

- Pass in three subjects at the GCE Advanced Level (Edexcel / Cambridge / Local or equivalent) obtained at one and the same sitting in any stream (preferably in the Biology, Mathematics or Engineering Technology).
- Compulsory 'C' passes in Mathematics and English at the GCE Ordinary Level (Edexcel / Cambridge / Local).
- A pass in the Aptitude Test conducted by the Institute.
- Interview conducted, if required.

CAREER OPPORTUNITIES

- Urban Designer
- Town and Country planner
- Landscape Architect
- Interior Designer
- Archaeologist
- Conservation and Project Manager

RESOURCES AND FACILITIES:

The programme is directed and conducted by a team of dedicated and imminent Chartered Architects, academics and subject specialists for each module. Students enjoy designated individual work spaces in modern studio environments to which they have 24-hour access. The lecture rooms, computer labs, printing and technology workshops at SLIIT provide an international standard study environment.

IN COLLABORATION WITH











HOSPITALITY MANAGEMENT

The Advanced Diploma of Hospitality Management equips you with management knowledge, technical skills and insight in the dynamic hospitality industry. Recognized worldwide, this qualification offers a balanced combination of practical and theory that can be readily applied for a future with tourism and hospitality operators, resorts and hotels, event planning, government and industry authorities.

Course Code: SIT60316

Certification: Advanced Diploma of Hospitality Management issued by Willam Angliss Institute Melbourne, Australia.

Course Developer: Developed by Australian Skills Quality Authority (ASQA) and conceptualized by Willam Angliss Institute.

Entry Requirements : 5 Passes in O/Level including English

- Food and Beverage Manager
- Business Owner
- Font Office Manager
- Tourism Operator
- Tourism Representative
- Events Coordinator







COMMERCIAL COOKERY

You'll develop the fundamental skills and knowledge required in professional cooking and kitchen management using state-of-the-art facilities. Recognized worldwide, this Qualification offers a balanced combination of practice and theory that can be readily applied for a future in the culinary world.

Course Code: SIT40516

Certification : Certificate IV in Commercial Cookery issued by WillamAngliss Institute Melbourne, Australia.

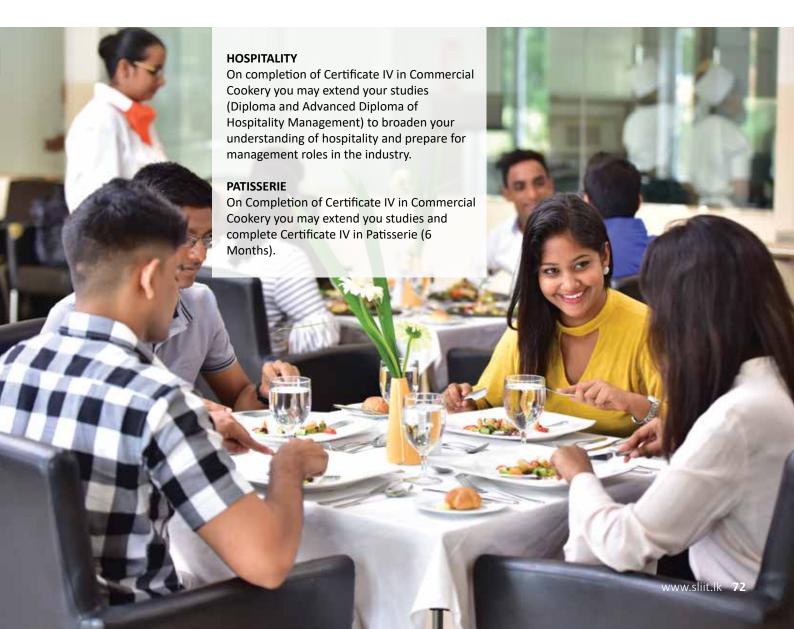
Course Developer: Developed by Australian Skills Quality Authority (ASQA) and conceptualized by Willam Angliss Institute.

Entry Requirement: 5 Passes in O/Level including English

- Executive Chef
- Sous Chef
- Chef de partie
- Kitchen Chif
- Qualified Cook
- Commis Chef







PATISSERIE

Indulge your passion for the sweet life by becoming a professional in the delicious art of the patissier or pastry cook and business owner. This specialist course offers the opportunity to learn unique skills of professional gateaux, pastries and restaurant desserts. Specialized units include petits fours, pastries, breads and artisan skills of chocolate and sugar decorations.

Course Code: SIT40716

Certification : Certificate IV in Patisserie issued by Willam Angliss Institute Melbourne, Australia.

Course Developer : Developed by Australian Skills Quality Authority (ASQA) and conceptualized by Willam Angliss Institute.

Entry Requirements : 5 Passes in O/Level including English

- Business Owner
- Executive Pastry Chef
- Pastry Sous Chef
- Pastry Chef
- Pastry Cook
- Assistant Pastry Chef







EVENT MANAGEMENT

Coordinate real events for real clients. Learn how to plan, fund, market and manage successful events -everything from international sporting events to celebrity weddings.

Course Code: SIT50316

Certification : Diploma in Event Management issued by Willam Angliss Institute Melbourne, Australia.

Course Developer : Developed by Australian Skills Quality Authority (ASQA) and conceptualized by Willam Angliss Institute.

Entry Requirement: 5 Passes in O/Level including English

- Conference Coordinator
- Event Coordinator
- Event Planner
- Event Sales Coordinator
- Exhibitions Coordinator
- In-house Meetings Coordinator
- Event Venue Coordinator











POSTGRADUATE DEGREES

MASTER OF BUSINESS ADMINISTRATION (MBA)

The course content of the SLIIT MBA programme has been carefully designed to meet current industry needs in consultation with industry experts and academia from locally and globally renowned institutions and approved by the Ministry of Higher Education. The SLIIT - MBA would stand out as a unique programme among MBAs offered in Sri Lanka due to its novel attributes.

- Availability of renowned professors from high ranking overseas and Sri Lankan universities and professional organizations.
- Panel of lectures will possess PhD or higher educational qualifications with hands-on business experience.
- Interaction session with high caliber business personalities (local and foreign).
- The course content is designed with inputs from industry experts.
- Approved by the Ministry of Higher Education.





MASTER OF SCIENCE (MSc)

SLIIT has been accredited by the University Grants Commission (UGC) for the award of Master's degrees in:

- Information Technology
- Information Systems
- Information Management
- Cyber Security
- Enterprise Application Development

INFORMATION **TECHNOLOGY**

Master of Science Degree in Information Technology is specially designed with a structure to provide a core of advanced knowledge in Information Technology supplemented by a range of options within the areas of Software Engineering, Computer Networks, e-business Technologies, Database Management and Administration, Business Information Systems, etc. The degree is designed to impart knowledge to the current and emerging developments in IT as well as to provide an in-depth knowledge in advanced topics on Information Technology to master the challenges of an information driven economy government agencies searching for tomorrow's digital business thinkers and

This programme is designed to produce graduates with necessary knowledge, skills and attitudes in Information Technology, Computer Science and Software Engineering fields.

INFORMATION MANAGEMENT

Master of Science Degree in Information Management gives the students a real competitve edge in modern business development and planning, using Information Technology tools. This programme guides students through a proven framework for integrating IT with business by developing comprehensive Information Technology Strategic Plans. The Programme empoweres students with information literacy skills and the technical background necessary to function in a fast changing business environment with increased use of computer networks, electronic publishing and the Internet.

On completion of the programme the students will be able to utilize information systems effectively within organizations and be able to evaluate and select appropriate methods and technologies for representing, managing and disseminating information. This will enable the participants to develop a critical awareness of modern Information and Communication Technology in strategic management, decision making and identifying IT infrastructure. This programme is specially designed for IT graduates and professionals with managerial experience.

INFORMATION SYSTEMS

Master of Science Degree in Information Systems covers areas of critical importance to IT employers, such as project and change management, emerging technologies, IT strategy and governance, and compliance, security and service provision. Students will develop a strong capacity in supporting, managing and changing business processes through information and communications technology and information systems.

Students will also develop valuable transferable skills in solving business problems, collaboration, project management and application of models, frameworks, and management theory. After the successful completion of this programme, individuals can embark on engaging themselves in high end top firms and government agencies searching for tomorrow's digital business thinkers and leaders. Graduate jobs include roles such as management consultant, systems analyst/designer, IT infrastructure manager, business analyst, data architect. IS Lead Auditor, Chief Information Officer, Chief Knowledge Officer, Chief Privacy Officer, and Project Manager.

CYBER SECURITY

Master of Science Degree in Information Technology Specialising in Cyber Security intends in addressing a key global issue facing government, businesses and individuals. The widespread use and dependence on online services bring about new challenges of ensuring our digital economy remaining secured, resilient and trusted. Increasing vulnerability witnessed by the intensity of malicious cyber activities have lead to the urgent need for specialists in the field.

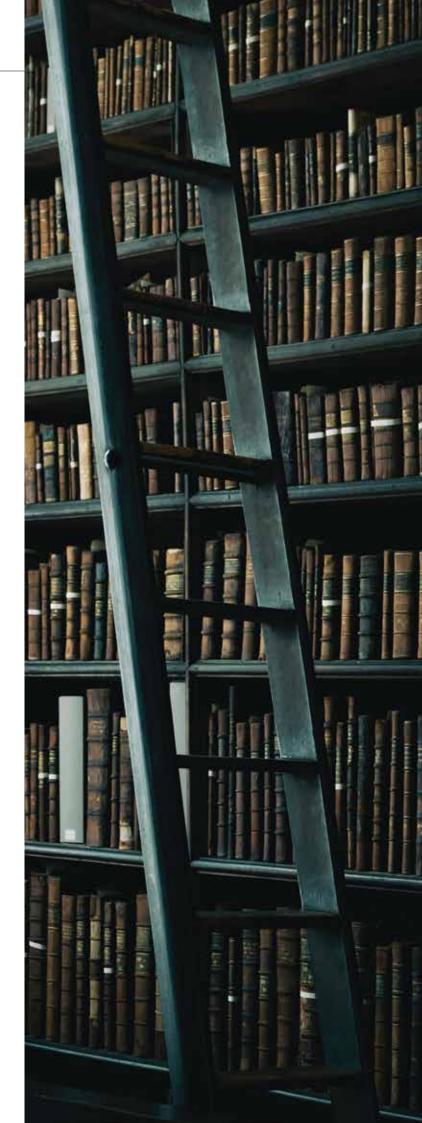
Currently there is a demand for graduates with the knowledge and skills required to develop and maintain a secured computing infrastructure, handle and address cyber security threats and manage data access in a distributed network.

ENTERPRISE APPLICATIONS DEVELOPMENT

The Master of Science Degree programme in Information Technology Specialising in Enterprise Applications Development is designed for those aspiring to be Software Architects. Software Engineers and Software Developers need to learn techniques and technologies to architect and engineer large scale software projects.

This programme Development will fulfill a long felt need of practicing software engineers and developers who are craving for master's level postgraduate degree to advance their career.

HOTLINE: **077 760 5077 / 076 497 1716**



MASTER OF PHILOSOPHY (MPhil)

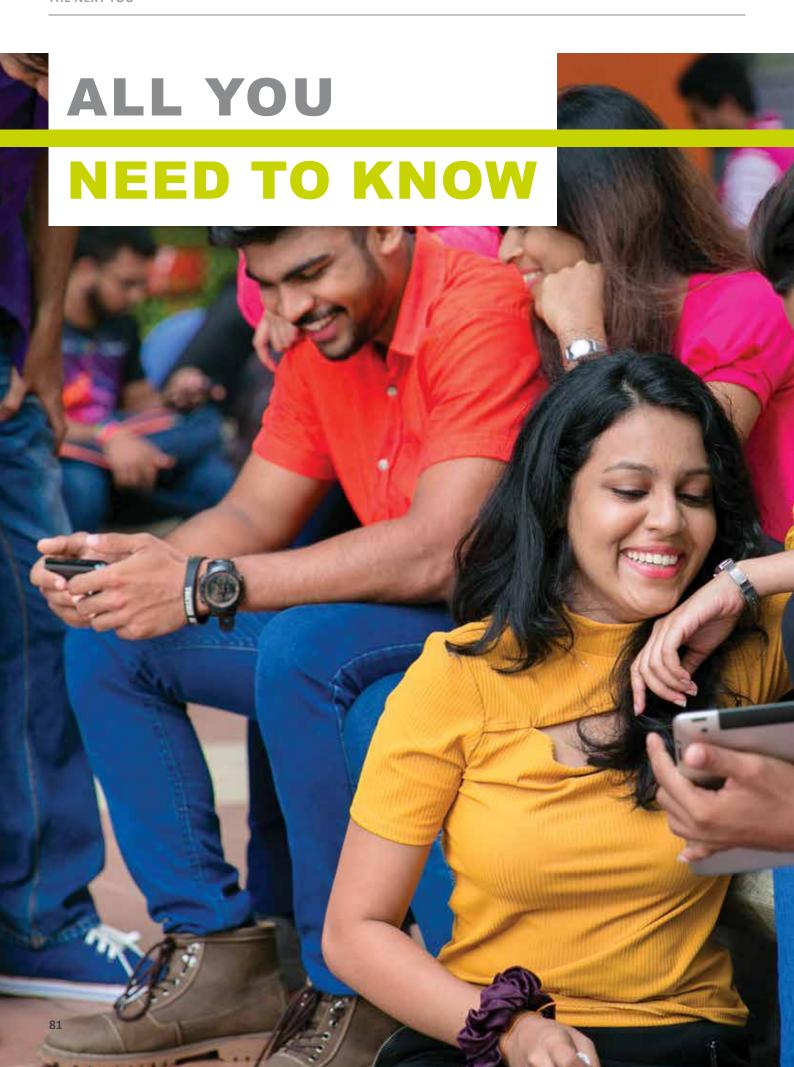
MPhil Degrees of SLIIT are offered in both Computing and Engineering fields. They are research based degrees and endeavor to make original contributions to the expansion of the knowledge-base by providing meaningful solutions to current industry problems that could subsequently evolve as emerging technologies. The degree envisages in developing critical thinking and the capacity and skills in conducting research of high value, of committed and inspired students with scientific curiosity who envision a life-long career based on research capabilities.

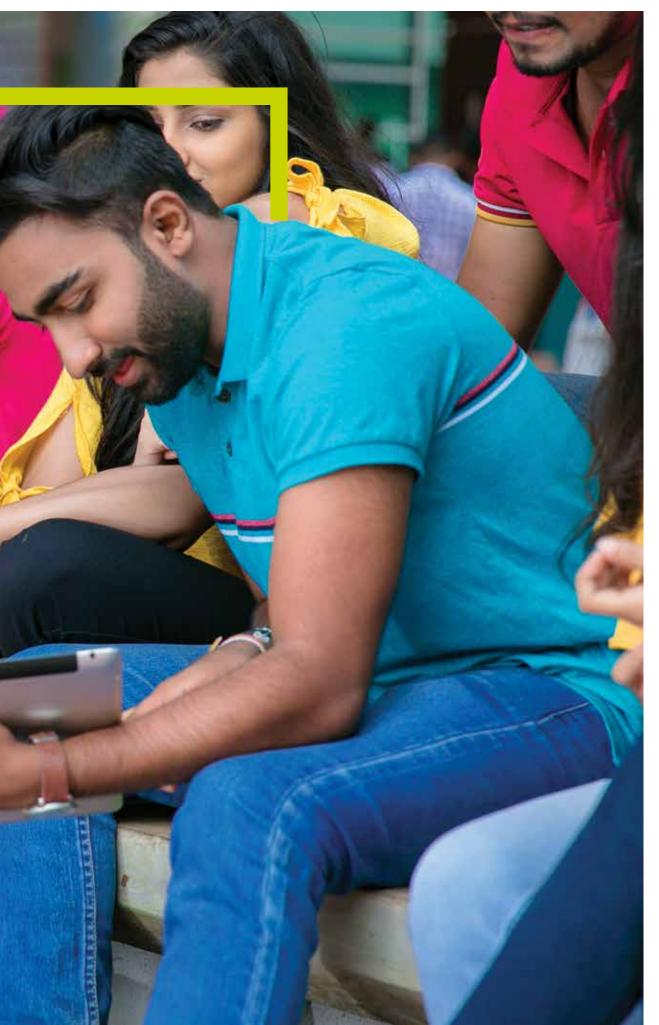
DOCTOR OF PHILOSOPHY (PhD)

PhD Degrees of SLIIT are offered in both Computing and Engineering fields. They are research based degrees and endeavor to make original contributions by discovery of new knowledge to foster the development of the identified thrust areas and potentially coupled with providing meaningful solutions to current industry problems that could subsequently evolve as emerging technologies. The degree envisages in developing the capacity and skills in conducting high quality research in locally important thrust areas of global value, of determined and inspired students with high scholastic aptitude who envision emerging as academics and leading researchers. SLIIT's Honorary Professors Network could also be used as an effective complementary platform for providing foreign supervisors in conducting related research.

HOTLINE: **077 760 5077 / 076 497 1716**







ADMISSION REQUIREMENTS FOR SLIIT UNDERGRADUATE DEGREES

COMPUTING

BSc (Hons) Degree in Information Technology Specialising in

Information Technology

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

• Computer Systems & Network Engineering

Three passes including a pass obtained for Mathamatics or Physics, or three passes in Engineering Technology Stream at the G.C.E. Advanced Level Examination (Local / London or Equivalent) obtained at one & the same sitting and a pass in the Aptitude Test conducted by SLIIT.

• Information Systems Engineering

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

Software Engineering

Passes in three subjects (in any subject stream) at the G.C.E. Advanced Level Examination (Local / London or equivalent) in one and the same sitting, and a pass at the Aptitude Test conducted by SLIIT, along with passes for all modules upto the 2nd year. A GPA of over 2.7 is also necessary to join this specialisation.

• Interactive Media

Passes in three subjects (in any subject stream) at the G.C.E. Advanced Level Examination (Local / London or equivalent) in one and the same sitting, and a pass at the Aptitude Test conducted by SLIIT, along with passes for all modules upto the 2nd year. A GPA of over 2.7 is also necessary to join this specialisation.

Cyber Security

Passes in three subjects (in any stream) at the G.C.E (Advanced Level) examination (Local / London or equivalent) in one and the same sitting and a pass at the Aptitude test conducted by SLIIT. To progress from the first year to the second year of the specialisation, a student must pass a selection interview.

• Data Science

Passes in three subjects (in any subject stream) at the G.C.E. Advanced Level Examination (Local / London or equivalent) in one and the same sitting, and a pass at the Aptitude Test conducted by SLIIT, along with passes for all modules upto the 2nd year. A GPA of over 2.7 is also necessary to join this specialisation.

O BUSINESS

BBA (Hons) Degree Specialising in

- Business Management
- Human Capital Management
- Marketing Management
- Accounting & Finance
- Logistics & Supply Chain Management
- Business Analytics
- Management Information Systems

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

O ENGINEERING

BSc Eng (Hons) Degree in

- Civil Engineering
- Electrical & Electronic Engineering
- Materials Engineering
- Mechanical Engineering
- Mechanical Engineering (Mechatronics)

Minimum of two "C" passes and one "S" pass in G.C.E. Advanced Level (Local) in the Physical Science Stream (Combined Mathematics, Physics and Chemistry) in one and the same sitting **OR** Minimum of two "B" passes and one "C" pass in G.C.E. Advanced Level (Cambridge or Edexcel) covering Combined Mathematics, Physics and Chemistry in one and the same sitting.

HUMANITIES & SCIENCES

BEd (Hons) in

Physical Sciences

Passes in three subjects including Mathematics (Combined Mathematics or Higher Mathematics) and Physics at G.C.E. Advanced Level Examination (Local / London or equivalent) in one and the same sitting **AND** A pass in the Aptitude Test conducted by SLIIT.

Biological Science

Passes in three Subjects including Biology & Chemistry at the G.C.E. Advanced Level Examination (Local / London or equivalent) obtained at one & the same sitting **AND** A pass in the Aptitude Test conducted by SLIIT

English

Passes in three subjects (with English as a subject) at G.C.E. (Advanced Level) Examination (Local / London or equivalent) with minimum entry qualification specified by UGC **OR** Passes in three subjects at G.C.E. (Advanced Level) Examination (in English medium) in any discipline with minimum entry qualification specified by UGC **AND** A pass in the aptitude test conducted by SLIIT.

Students awaiting results of the G.C.E. (Advanced Level) Examination are eligible to apply

BSc (Hons) in

Biotechnology

Pass in three subjects at the G.C.E Advanced Level examinations (Local or London or equivalent) obtained at one and the same sitting in the Biology stream and a pass in the aptitude test conducted by the Institute.



ADMISSION REQUIREMENTS FOR FOREIGN UNDERGRADUATE DEGREES

O LIVERPOOL JOHN MOORES UNIVERSITY

• BSc (Hons) Architecture

Pass in three subjects at the GCE Advanced Level (Edexcel / Cambridge / Local or equivalent) obtained at one and the same sitting in any stream (preferably in the Biology, Mathematics or Engineering Technology). Compulsory 'C' passes in Mathematics and English at the GCE Ordinary Level (Edexcel / Cambridge / Local). A pass in the Aptitude Test conducted by the Institute. Interview conducted, if required.

• BSc (Hons) Psychology

Pass in three subjects at the GCE Advanced Level (Cambridge / Edexcel / Local or equivalent) obtained at one and the same sitting in any stream. A pass in the Aptitude Test and interview conducted by the Institute.

• BSc (Hons) Quantity Surveying

GCE Advanced Level (Any Stream) - 3 simple passes (Local Curriculum) Minimum 3 "D" passes (Cambridge / Edexcel curriculum) "C" Pass for Mathematics and English at GCE Ordinary Level. A pass in the Aptitude Test conducted by SLIIT.

• LLB (Hons) Law

3 passes in any subject stream at GCE (Advanced Level) examination (Sri Lanka) in one the same sitting with a Credit pass for English at the GCE (Ordinary Level) examination GCE Advanced Level (Edexcel / Cambridge) with 3 D passes in one and the same sitting. A pass at the Aptitude Test conducted by SLIIT and the interview conducted by the School of Law, SLIIT.

• BSc (Hons) Nursing

Passes in three subjects at the GCE Advanced Level examinations (Edexcel / Cambridge / Local or equivalent) obtained at one and the same sitting in the Science stream. A pass in the aptitude test conducted by SLIIT.

• Bachelor of Business Administration (Hons)

GCE Advanced Level (Any Stream) - 3 simple passes (Local Curriculum) Minimum 3 "D" passes (Cambridge / Edexcel curriculum). A pass in the aptitude test conducted by SLIIT

CURTIN UNIVERSITY

Bachelor of Information Technology

GCE Advance Level (Local) - 3 passes in one and the same sitting in any subject stream OR GCE Advance Level (Edexcel / Cambridge) - 3 passes in one and the same sitting in any combination of subjects.

A pass in the Aptitude Test conducted by SLIIT.

• Bachelor of Computing (Software Engineering)

GCE Advance Level (Local) - 3 passes in one and the same sitting in any subject stream OR GCE Advance Level (Edexcel / Cambridge) - 3 passes in one and the same sitting in any combination of subjects.

A pass in the Aptitude Test conducted by SLIIT.

Bachelor of Science (Computer Systems & Networking)

GCE Advance Level (Local) - 3 passes in one and the same sitting in Maths, Science or Technology Stream OR GCE Advance Level (Edexcel / Cambridge) - 3 passes in one and the same sitting, with Mathematics or Physics as a subject.

A pass in the Aptitude Test conducted by SLIIT.

- BEng (Hons) Civil and Construction Engineering
- BEng (Hons) Electrical and Electronic Engineering
- BEng (Hons) Mechanical Engineering

Please contact our enrollment team on 011 754 4801 for details on entry requirements for Curtin UniversityEngineering degree programmes

BACHELOR'S DEGREES **GRADES & REQUIREMENTS** (OFFERED BY SLIIT)

GRADING SYSTEM

SLIIT uses 12 grades in assessing student performance. These are A+, A, A-, B+, B, B-, C+, C, C- D+, D and E.

To obtain a pass in a subject, a student must core a grade 'C' or above. The value of each grade and definition of student performance is shown below.

GRADE	GRADE PTS.	MARKS RANGE
A+	4.00	90 - 100
А	4.00	80 - 89
A-	3.70	75 - 79
B+	3.30	70 - 74
В	3.00	65 - 69
B-	2.70	60 - 64
C+	2.30	55 - 59
С	2.00	45 - 54
C-	1.70	40 - 44
D+	1.30	35 - 39
D	1.00	30 - 34
E	0.00	00 - 29

GRADE POINT AVERAGE (GPA) PER SEMESTER

The GPA is computed by dividing the sum of the products of the number of credits for each course followed and the grade points earned for that course by a student, by the total number of credits for the courses followed during the semester by that student.

CLASS ATTENDANCE

Regular attendance is expected from all students. 80% attendance is necessary as a minimum requirement to sit examinations. Inability to attend classes and/ or examinations must be brought to the notice of the Manager of Student Affairs immediately

WEIGHTED GRADE POINT **AVERAGE (WGPA)**

The Weighted Grade Point Average is computed by dividing the sum of the products of the number of credits of all the courses followed and the grade points earned for those courses by a student in a year, by the total number of credits for the courses followed that year. This is then multiplied by an appropriate weighting factor and summed up over the total number of years related to the specific academic qualification.

APPLYING TO STUDY HERE

WHAT HAPPEN NEXT?

Embark on your pathway to greatness with our extensive degree programme options at SLIIT. Please follow the application guidelines below.

Option 01:

Apply online apply.sliit.lk

Option 02:

Download the application form apply.sliit.lk

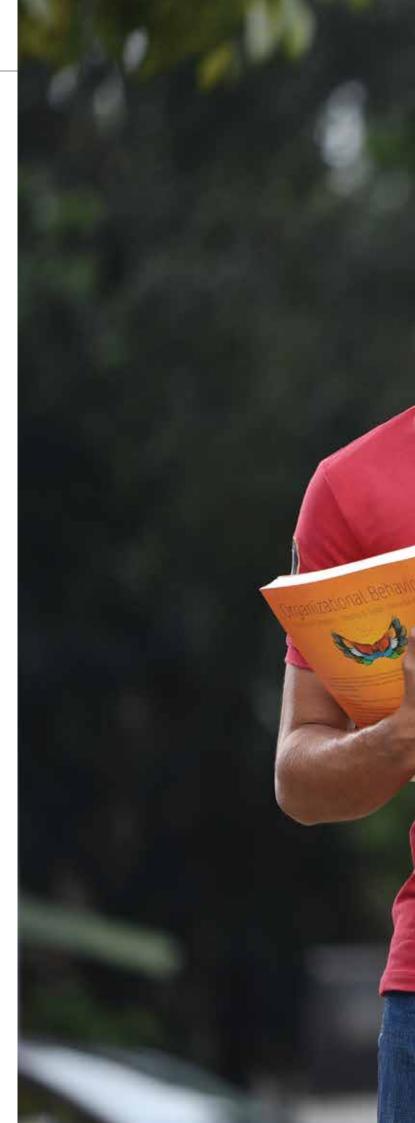
Send the duly filled application form to MANAGER STUDENT ENROLLMENT, SLIIT, NEW KANDY ROAD, MALABE

Option 03:

Obtain the application form from any of our campuses or centres

Option 04:

Call our hotline for further information 011 754 4801 www. sliit.lk info@sliit.lk





SCHOLARSHIPS

SLIIT SCHOLARSHIPS

SLIIT awards scholarships to students based on outstanding academic achievements obtained, with an excellent Grade Point Average (GPA).

SLIIT SCHOLARSHIP BASED ON A/L **PERFORMANCE**

A performance-based scholarship on A/L performance is offered to Local students who have obtained 3A's in local GCE (A/L), or 3A*s in London or Cambridge GCE A/L's. Selected students will receive a full scholarship for the 1st Year, and continuation will depend on performance.

INDUSTRY SPONSORED SCHOLARSHIPS

Leading IT & Software Development companies offer scholarships to selected students following the SLIIT BSc Honours degree.

IFS SCHOLARSHIPS

The Industrial and Financial Systems (IFS) Graduate Scholarship Programme offers full tuition scholarships to complete the BSc Degree in Information Technology or Computer Systems & Network Engineering from SLIIT / Curtin University of Technology along with an internship at IFS. Selected candidates follow the academic programme at SLIIT 3 days per week and do internships at IFS 4 days per week. IFS pays all tuition fees and gives the students a monthly allowance as well. On successful completion of the degree, candidates are eligible for permanent positions at IFS.

LOLC SCHOLARSHIPS

LOLC Technology Services provides a comprehensive scholarship programme for SLIIT undergraduate students whilst enabling them to obtain unique exposure. The company provides comprehensive unmatched training on state of the art technologies with hands on experience during the first year conducted by their well experienced specialists. It also includes various business domain knowledge and soft skills. Candidates also get the opportunity of visiting various business entities and get hands on, practical experience. The total course fee of the selected candidate is sponsored by LOLC Technologies and a monthly stipend is also given throughout the programme. Upon successful completion of the degree, candidates are eligible to continue their career in local and overseas branches of LOLC Technologies.

FEES

An all-inclusive fee is charged to cover lectures, tutorials and examinations, as well as access to computer laboratory and library facilities, payable prior to the commencement of the course. Fees should be credited to one of the following bank accounts in favour of the Sri Lanka Institute of Information Technology.

BANK OF CEYLON

Super Grade Branch Colpetty, at any Bank of Ceylon branch, or BOC e-banking for SLIIT students.

Account No: 0001630552

SAMPATH BANK

At any Sampath Bank branch, or through Sampath Vishwa payment interface for SLIIT payments.

Account No: 00 399 0000033

NATIONS TRUST BANK

At the corporate branch or any other Nations Trust Bank branch.

Account No: 100380005000

HATTON NATIONAL BANK

At Malabe branch or any other HNB branch.

Account No: 156010007350

(Note: Please use SLIIT paying-in slips and please mention your registration No. or NIC No.) Generally, fees paid will not be refunded. However, requests for refund of fees may be considered if made before the end of the first week from the date of commencement in each semester. Commencement dated will be advised accordingly. The refund if made, will be subject to a deduction of 10% of the fee paid.

BSC HONOURS IN IT (SLIIT) (INFORMATION TECHNOLOGY, INFORMATION SYSTEMS ENGINEERING, INTERACTIVE MEDIA SPECIALISATIONS)

The fee is presently Rs. 175,000/= (+NBT) per semester. Fees for any subsequent semester should be paid prior to the commencement of each semester.

COMPUTER SYSTEMS & NETWORK ENGINEERING SPECIALISATION

The fee is presently Rs. 200,000/= (+NBT) per semester. Fees for any subsequent semester should be paid prior to the commencement of each semester.

SOFTWARE ENGINEERING, DATA SCIENCE SPECIALISATION)

The fee is presently Rs. 175,000/= (+NBT) per semester for the first two years and Rs. 200,000/= (+NBT) per semester for the final two years.

Fees for any subsequent semester should be paid prior to the commencement of each semester.

CYBER SECURITY SPECIALISATION

The fee is presently Rs. 175,000/= (+NBT) per semester for the first year and Rs. 200,000/= (+NBT) per semester for the final three years.

Fees for any subsequent semester should be paid prior to the commencement of each semester.

BBA HONOURS

The fee is presently Rs. 175,000/= (+NBT) per semester. Fees for any subsequent semester should be paid prior to the commencement of each semester.

BSc ENGINEERING HONOURS

The fee is presently Rs. 280,000/= (+NBT) per semester. Fees for any subsequent semester should be paid prior to the commencement of each semester.

BEd HONOURS IN (PHYSICAL SCIENCES / BIOLOGICAL SCIENCES / ENGLISH)

The fee is presently Rs. 150,000/= (+NBT) per semester. Fees for any subsequent semester should be paid prior to the commencement of each semester.

BIOTECHNOLOGY

The fee is presently Rs. 190,000/= (+NBT) per semester. Fees for any subsequent semester should be paid prior to the commencement of each semester.

BANK LOANS





BANK OF CEYLON

- Loan Value up to LKR 3.5Mn with a minimum value of LKR 200,000 /-
- Tenure up to 8 years with a grace period up to 4 years/course duration
- Rate of Interest -13.75% (Variable)
- 20% from the course fee to be borne by student
- Course fees will be directly paid to SLIIT
- Apply jointly with parents or a guardian
- No Security up to 1 Mn

For further details, please contact, BOC Kollupitiya Super Grade - 011 479 5034 / Asanka - 0778764764 or Log on to www.boc.lk/

HATTON NATIONAL BANK

- Obtain a loan up to a maximum of 2.5 Mn
- Maximum payback period of 11 years including a 4 year grace period
- Concessional Interest rates
- Pay only 50% of the interest within the grace period
- No Security up to 1 Mn
- Apply jointly with parents or a guardian
- Equity contribution will be as follows;
 - 1st year 40% 3rd year 20%
 - 2nd year 30% 4th & 5th years 10%

For further details, please contact 011 246 2462 or Log on to https://www.hnb.lk/





NATIONS TRUST BANK

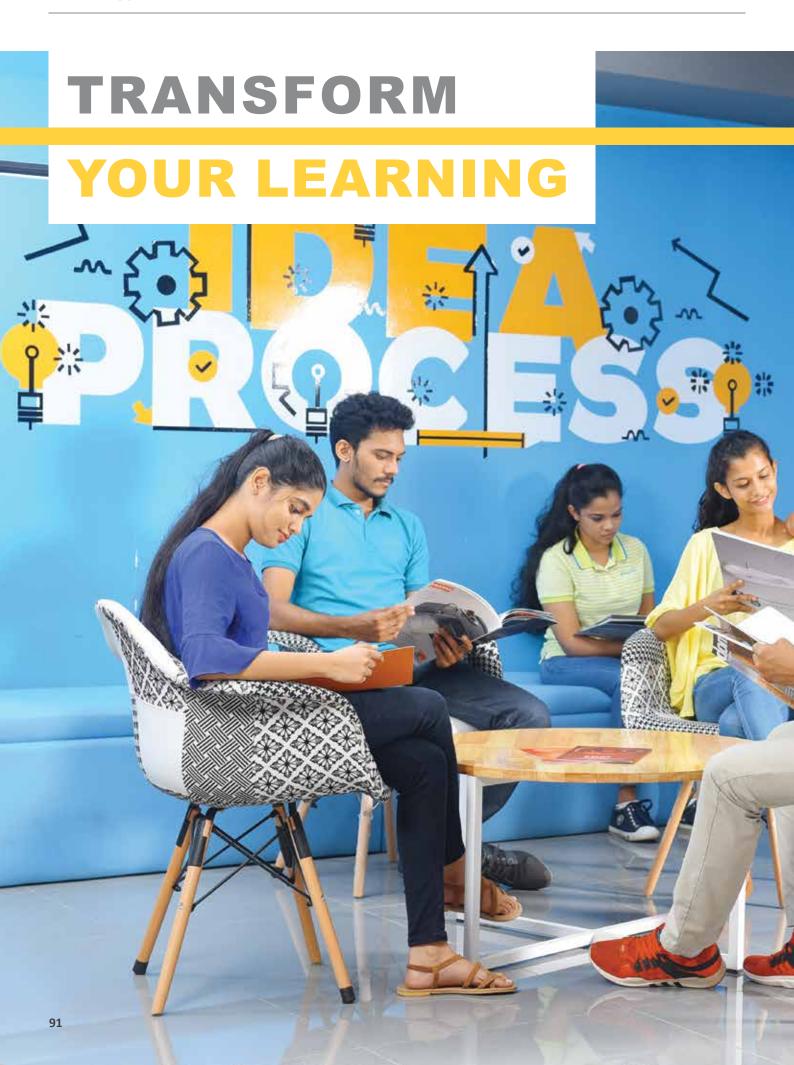
- Loan Value up to LKR 1Mn with a minimum value of LKR 200,000 /-
- Tenure up to 111 months (9 years and 3 months) with a grace period up to 51 months (4 Years and 3 months)
- 5 years fixed rate
- 25% from the course fee to be borne by student up front.
- Course fees will be directly paid to SLIIT.

For further details, please contact NTB Malabe Branch: (011)437 6182/3/4 or (011)471 1411 Log on to www.nationstrust.com

SAMPATH BANK

- Obtain A loan up to Rs. 2 million
- Pay bank at a special rate of interest over 5 years
- Enjoy a special concession for loan processing
- Apply jointly with parents or a guardian
- Exclusively for SLIIT students

For further details, please contact Sanjeewa Bandara- 076 911 3098 / Pavani Dasanayake- 076 392 7267 or Log on to https://www.sampath.lk/en/





LIBRARY FACILITIES

EXCELLENT BOOK DROP BOX FACILITY

HIGH STUDENT SATISFACTION LEVELS

SPECIAL COLLECTION **& ACHIEVERS**

40,000 **BOOKS & JOURNALS**







e-RESOURCES AVAILABLE TO USE

Library facilities at both Malabe and Metro Campuses as well as at the Regional Centres, support a wide variety of subjects covered by the SLIIT courses at many academic levels. These range from undergraduate and professional development classes through to postgraduate studies.

SOME OF THE BENEFITS INCLUDE:

An extensive collection of high quality books, periodicals, core textbooks, Teacher recommended E books, general reading materials, scholarly databases, CDs and DVDs, all monitored via SLIIT's Automated Library System.

The ability to browse the range of books and periodicals available in all campuses, reserve books, renew the borrowed books and request new books using the library's On Line Public Access Catalogue.

Library membership allows students to access the SLIIT Digital Library consisting of e-books, journals, past examination papers, recommended texts for related courses, Digital Version of Harvard Business Review and in-depth range of dictionaries, glossaries and other reference materials.





WIFI FACILITIES AND ADEQUATE WORKSTATIONS.

Students are allowed to bring their laptops and tablets to the reference desk. The Reading Room adjoining the library available for study, is equipped with power points for laptops and provides wireless Internet access.

Our libraries are continuously enhanced to cater to the ever-increasing number of students .Libraries are open to SLIIT students daily including weekends, from 8.00am-7.00pm. They are only closed on Poya days and other special holidays specified in the SLIIT calendar.

To become a library member, students are requested to submit a completed membership form which is available at the library.

ADDITIONAL SERVICES AVAILABLE FOR ALL SLIIT LIBRARY USERS OTHER RESOURCES AVAILABLE FOR REFERENCE IN ALL SLIIT LIBRARIES INCLUDE:

Files of newspaper clippings related to computing, management and engineering, an index of journal articles and a CD / DVD collection.

Current Awareness Services (CAS) and a Selective Dissemination of Information (SDI) service where users register subjects of interest to receive relevant information are also available.

A document delivery service provides photocopying (past examination papers and book chapters), inter library loans and selective articles.

User awareness services beyond boundaries.

Library conducts user education programmes such as Workshops, Webinars, and Technical Sessions on various subject streams by inviting the experts of those fields in and out of the country.

NETWORKS WITH OTHER INSTITUTIONS

SLIIT is a member of the Commonwealth University Libraries network, and a member of the Sri Lanka Scientific and Technology Information Network (SLISTINET). This allows the SLIIT library to access numerous scientific databases. SLIIT also maintains strong working relationships with other libraries in Sri Lanka, and holds a Corporate Library Membership with the Chartered Institute of Management Accountants (CIMA) library, the Chartered Institute of Accountants of Sri Lanka library as well as with the British Council.

Furthermore, SLIIT has access to the Curtin University library and databases, liaising with library professionals at Curtin University to provide on-going research support to SLIIT students. The SLIIT Library also has the full access to Liverpool John Moores University (LJMU) Library.



















LABORATORY FACILITIES

SLIIT offers free WIFI access in all student areas, and boasts a wide range of laboratory facilities across its campuses and centres. Significant investments in each of the laboratories ensures that students are in turn able to make the most of these resources in order to support their education.

MALABE CAMPUS LABS

The Malabe campus labs consist of Computer, Engineering and Surveying laboratories, and are equipped with fully-functional, modern computers and technology. These labs are consistently upgraded and monitored to ensure they are continually up-todate and fully functional.

Computer Laboratories:

The Malabe campus labs consist of Computer, Engineering and Surveying laboratories, and are equipped with fully-functional, modern computers and technology. These labs are consistently upgraded and monitored to ensure they are continually up-to-date and fully functional.

- Lab 1 : 62 ComputersLab 2 : 62 ComputersLab 3 : 62 Computers
- Lab 4 : 20 ComputersLab 5 : 62 Computers
- Lab 6 : 62 ComputersLab 7 : 31 Computers
- Lab 8 : 31 ComputersLab 9 : 62 ComputersLab 10: 62 Computers
- Lab 11: 31 Computers

- Lab 12: 32 Computers
- Lab 13: 62 Computers
- Lab 14: 62 Computers
- Lab 15: 62 Computers
- Lab 16: 24 ComputersLab 17: 24 Computers
- Lab 18: 30 Computers
- Lab 19: 30 Computers
- Lab 20: 60 Computers
- Lab 21: 45 Computers
- Lab 22: Audio Lab

Engineering Laboratories:

Our engineering laboratories are completely stateofthe-art, fitted with cutting-edge technology and superior functionalities. Engineering students of all disciplines are able to access these labs as and when required, guided by their respective lecturers. All equipment and facilities are continuously improved and modernised so as to provide our students with avant-garde resources every step of the way.

The following are featured at SLIIT'S engineering laboratories:

- Data Communications Laboratory with CISCO, CCNP equipment
- Robotics & Automation Laboratory
- Electronic Engineering Lab I
- Electronic Engineering Lab II
- Electronic Test & Measurement Lab Communication Systems Laboratory equipped with Telecommunications Instructional
- Modelling Systems (TIMS)
- Structural Engineering / Building Materials Lab
- Thermodynamics & Refrigeration Lab
- Production Lab
- RF & Microwave Lab
- Mechanical Engineering Workshop

Surveying Laboratories:

The SLIIT surveying laboratories are particularly catered for our Architecture and Quantity Surveying students, and have been designed and constructed to include the following:

- Mechanics of Machine Lab
- Strength of Materials Lab
- Environment Lab
- Machines & Power Electronic Lab
- Electrical Lab
- Embedded & Digital Electronic Lab
- Controls and Automation Lab
- Networking Lab
- Drawing Studio

METRO CAMPUS LABS

Students at our Metro Campus are provided with the following:

Lab 1 62 Lab 2 62 24 Lab 3 Lab 4 24 Lab 5 24

MATARA CENTRE LABS

Though the labs at our centres are not as extensive as those at our main campus, they are still fitted with superior computer facilities. The Matara Centre labs offer the following:

• Lab 1:32 computers • Lab 2 : 24 computers • Lab 3 : 20 computers

• Lab 4 : Data com 10 computers



KANDY CENTRE LABS

The labs at our SLIIT Kandy Centre also integrate the institute's commitment to uphold and maintain first class standards. To that effect, the computer labs at this centre include:

• Lab 1:65 computers • Lab 2: 25 computers • Lab 3 : 25 computers • Lab 4 : 25 computers

• Lab 5: 25 computers

KURUNEGALA CENTRE LABS

The SLIIT Kurunegala Centre consists of computer labs and is comprised of:

• Lab 1:35 computers • Lab 2:15 computers

JAFFNA CENTRE LABS

Students at our Jaffna Centre are provided with the following:

• Lab 1:25 computers



IN-HOUSE INTERNSHIP PROGRAMMES AT SLIIT

SLIIT recognises that establishing early contact with working environments is a key component of the students' education and professional development. The Industrial Training Unit was launched with the goal of industry training (internships). SLIIT maintains strong connections with government authorities and private sector organisations such as Pearson, Virtusa and 99x and further takes advantage of these relationships to setup different industrial training and placement opportunities for students.

Aside from providing students with professional prospects and hands-on experience in their relevant fields, companies in turn are able to approach a large number of students in-house for their employment needs. Additionally, they can also harness and cultivate novel ideas for their own projects as a result. The following companies have in-house industry training facilities at SLIIT:

A non-GPA module named Industry placement - 6 months has been introduced for the BSc Honours Degree in IT to stress the importance of industry experience.

The assigned 8 course credits are met by undergoing a recommended period of 6 months training in the industry which allow students to develop soft skills together with technical exposure.









RESEARCH & DEVELOPMENT FACILITIES

As a premier tertiary educational institute in Sri Lanka, research is a fundamental part of SLIIT. Our aim is to consistently foster an environment that promotes a vibrant research culture. In order to successfully promote research opportunities amongst both the academic and student groups, we have established multiple initiatives in place. As such, the SLIIT Research Grant Scheme, and the National Conference on Technology and Management were all founded with the aim of promoting research. These bodies allow us to integrate research methodology to both undergraduate and postgraduate curricula.

SLIIT's research programmes have secured a glowing reputation through the introduction of the Research Grant Scheme.

Academics are segregated into research teams, with each team led by a senior academic. These senior academics are in turn eligible for the SLIIT annual research grants.

Research methodology is a compulsory module for all postgraduate degrees at SLIIT. A comprehensive research project is completed by all students under the guidance of SLIIT staff members.

Grants may be utilised at students' discretion for research purposes. These include accessing useful resources such as on-line journals, and participation in relevant conferences.

SLIIT provides all academics an opportunity to showcase their research work through research seminar sessions. Supervised by a committee of senior academics and researchers, the SLIIT Research Centre is well-appointed for both staff and student research.

The SLIIT Research Centre is also responsible for the National Conference on Technology and Management (NCTM): a forum that discusses contemporary issues in the fields of Technology and Management. Additional workshops assist SLIIT postgraduate students to improve their skills in research.

The SLIIT Research Centre at the Malabe Campus provides a nurturing study environment, superior computer facilities, and is freely available for research discussions.





ENTREPRENEURSHIP DEVELOPMENT AT SLIIT SRI LANKA TECHNOLOGY INCUBATOR: CONCEPT-NURSERY FACILITIES

Located at the SLIIT Malabe Campus, the Sri Lanka Technology Incubator also known as 'concept-nursery' is setup to establish, assist and promote both innovators and startup companies. It achieves this through providing access to business and technical expertise, financial resources, international industry contacts, communication facilities, business advice, business plan development, and marketing.

The Institute's cutting-edge facilities which includes a modern networking infrastructure, are available for use by these companies. They are also able to dip into an expansive pool of specialised expertise and selected, highly-trained students for their projects. Students are in turn able to secure valuable experience within an innovative working environment.

SLIIT students also have the opportunity to commercialise their research work if they wish.







STUDENT SERVICES HELP DESK

An online portal available via the student intranet, designed to efficiently handle all student inquiries, and deliver timely and accurate, documented e-mail responses. Students are encouraged to address all queries relating to semester registration, course deferment, course transfer, examinations etc. via this service.

STUDENT FORUM

A platform accessible via the student intranet. Students can communicate with their fellow peers on general and non-urgent academic queries. Actively encourages the student community to support one another, facilitating an element of self-sufficiency.



SLIIT ENGLISH HELP DESK

Clear communication and skillful use of the English language are of key importance to professionals in all industries today. As such, all students are required to take the prescribed courses for their degree. SLIIT offers a novel method of assisting students in this area as and when required through the English Help Desk. This is manned by staff of the English Language Teaching Unit. SLIIT provides an intercampus transport service on a regular schedule, in research papers, editing & drafting of reports, etc.

CAREER GUIDANCE UNIT

SLIIT Career Guidance Unit aims to provide undergraduates with an enhanced understanding of career options and industry-required technical and non-technical skills, as well as available employment opportunities. Apart from course-specific technical workshops by industry partners, Career Readiness sessions and workshops such as CV writing, Interview facing, Office Etiquette are also conducted by the Unit. These workshops provide an opportunity for undergraduates to learn beyond the taught content, enhancing their professional personality, allowing them to understand the practical application of their knowledge.

The CGU links with leading corporates and institutions to facilitate the best opportunities for our students, via prominent annual events such as the SLIIT Career Week and the HR Forum. These serve as a platform for students to meet and contact prospective employers from the IT, Engineering and Business sectors.

The CGU also handles vacancy postings, CV collection for employers and industry visits to further assist and improve university – industry linkage.



STUDENT COUNSELING AND WELL-BEING CENTER

The Helping Hands Student Counseling and Wellbeing Center operates under the guidance of a highly-skilled and experienced Clinical Psychologist to assist undergraduates during stressful times. Students are able to seek psychological guidance for any issues that may hinder or trouble their academic performance and wellbeing.





SLIIT MEDICAL FACILITY

SLIIT considers the health of students and staff one of their main concerns. Hence, SLIIT provides a full-time medical consultancy service for all students and staff. The SLIIT medical facility is available at the Malabe campus. This service is provided free-of-charge.

SLIIT WEIGHT TRAINING CENTRES

The SLIIT weight training centre located at the Malabe campus is a complete unit consisting of modern equipment.





SLIIT STUDENT TRANSPORT

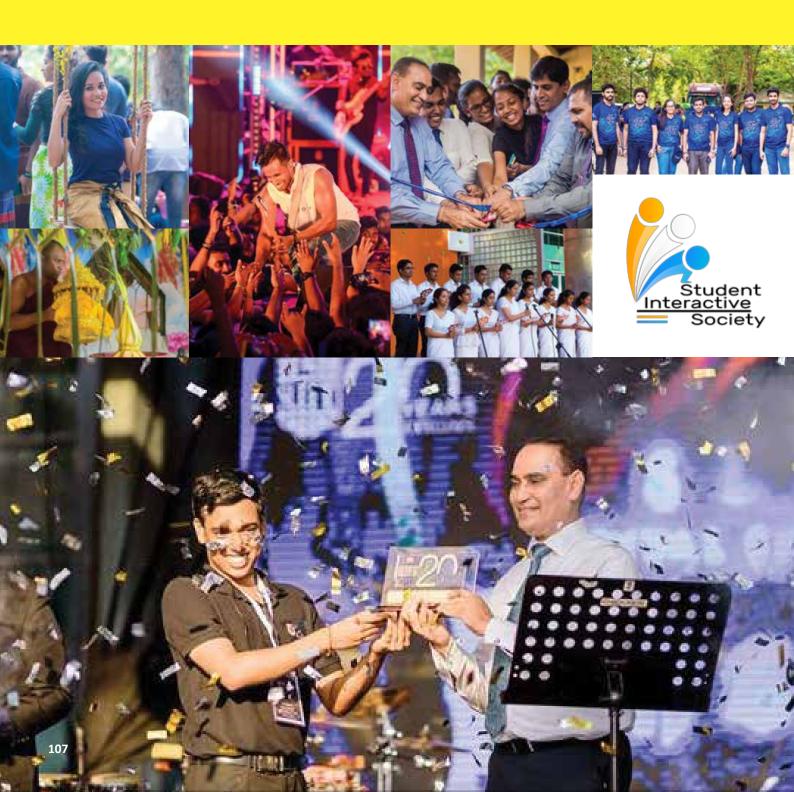
SLIIT provides an inter-campus transport service on a regular schedule between Malabe and Metro campuses for the benefit of students.





STUDENT INTERACTIVE SOCIETY (SIS)

The main student body within SLIIT, comprising student representatives of the Faculty/ School student societies of Computing, Engineering, Business, Humanities & Sciences and School of Architecture. The patrons of the society are the Chancellor and Vice Chancellor of SLIIT. SIS together with the respective student communities, organises various events, maintains decorum and adheres to rules, upholding the good name of the institute.



PHYSICAL EDUCATION & SPORTS

Promotes sports and recreational activities. At SLIIT, students engage in a wide range of sports including Cricket, Badminton, Rugby, Karate, Basketball, Table Tennis, Chess, Carrom, Futsal, Hockey, Netball, Swimming, Soccer, Tennis, Track and Field. The Malabe campus has excellent indoor and outdoor sports facilities. These include a playground, a basketball court, tennis courts indoor badminton courts and a well equipped Weight training centres.





































FACULTY OF BUSINESS STUDENT COMMUNITY (FBSC):

Formed under the main student body, Th Student Interactive Society (SIS), comprises the undergraduates of the Business Management stream. The committee acts as the student representative, facilitating necessary programmes along with managing the Faculty of Business.

FACULTY OF COMPUTING STUDENT COMMUNITY (FCSC)

Aims at enhancing the knowledge of IT students and accustom them to the ever-changing IT industry. This is done through activities such as workshops and guest lectures by leading IT professionals in the industry, enabling better student interaction and knowledge-sharing

FACULTY OF ENGINEERING STUDENT COMMUNITY (FESC)

Considered the main student community of the Faculty of Engineering, functioning under the guidance of the Student Interactive Society (SIS). FESC mainly focuses on the academic problems and the difficulties of engineering students, and works together with senior staff of the faculty and the community for solutions.



FOSS COMMUNITY

Free and Open Source Software helps expand the scope of Information and Communication Technology (ICT). The FOSS Community at SLIIT helps raise awareness amongst students to learn the concepts of Open Source Software movement, facilitating a base to link with the global community.





SLIIT ALUMNI ASSOCIATION

Primarily formed to support SLIIT, its students and alumni act as channels to foster lifelong connections within the global SLIIT community. The association provides leadership, voluntary services and necessary support to current students. For more details visit alumni.sliit.lk.

ROTARACT CLUB

A service club established for SLIIT students under 'Rotary International'. Membership is open to all SLIIT students, and aims at developing professional and leadership skills, emphasising on respect for rights of others, promoting ethical standards and the dignity of all useful occupations. It also creates opportunities for members to initiate community development projects, promoting peace and understanding within the community, interacting with sponsoring Rotary Clubs and actively participating in the activities undertaken by them. Rotaractors conduct projects under four categories: professional development, community service, club service and international understanding.





THE GAVEL CLUB

A community that provides the student body with opportunities to develop communication skills as well as means for self-improvement. Since its formation in 2012, the Gavel Club has thrived in the guidance and support of the SLIIT Toastmasters Club, as well as other academic staff. As a communications and leadership programme modelled after Toastmasters International, the Gavel Club is a way of providing the Toastmasters experience to groups who may be eligible for regular membership.

The Toastmaster title is globally recognised as an accredited name. Not only does the Gavel Club allow students to earn this title, but it also prepares these students for the demands of the real world after university.

SLIIT GAMING COMMUNITY / GAME FEST

Formed in 2013, by a group of young, dynamic individuals with a passion for digital games including game designing and developing. A multipurpose group to create opportunities amongst those interested in this particular field. The community mainly intends to teach the fundamentals of game designing and development, providing resources and instructions to those willing to embark on creating or designing games and game testing

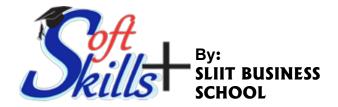




An annual event hosted by the SLIIT Faculty of Computing, this is the biggest software competition in Sri Lanka aimed at encouraging and promoting software application design amongst school and university students. The annual increase in entries, fierce competition amongst students and a rise in event categories, has made Codefest an event looked forward to by many schools and universities.

'Codefest is one of the many initiatives taken by SLIIT, aimed at creating a centre of excellence to advance and disseminate knowledge. It is indeed a great honour to have one of our events recognised by the Ministry of Telecommunications and Digital Infrastructure. Codefest is an ideal platform to promote the application of skills learnt through ICT related modules taught in schools and universities' notes Professor Lalith Gamage: President and CEO of SLIIT.





The SLIIT Business School annually organises 'Soft Skills+', an inter-school quiz competition and soft skills workshop sparking an interest in soft skills, whilst improving general knowledge amongst school children. Though in-class lessons are valuable, soft skills such as team work, problem solving, creativity and thinking out-of-the-box are equally important. Emphasis on competitive examinations amongst secondary schools leaves little time for the development of these

important skill sets: hence, the main initiative for this programme.

The event is open to students from Grade 11- Grade 13, representing state, private and international schools. All winners and participants will receive certificates and prizes. This is organised as a Corporate Social Responsibility initiative by SLIIT.





ROBOFEST is the annual robotic competition which involves one of the most important academic aspects of the Department of Electrical and Electronic Engineering of SLIIT. The competition was initiated in the year of 2010 where the participants were limited to the students of SLIIT and afterwards it was expanded under 3 categories; School, University and Open, opening up the opportunities for anyone who is interested in the competition to participate. Similar to the years before, ROBOFEST 2019 is organized focusing on all the students in schools and undergraduates around

the country, paving the path for them to follow their passion where the students are allowed to compete in teams of 5 members, giving all the registrants the exposure and the chance to show their talents and potential on the day of the competition, opening up the door for them to achieve international levels.

Codefest, Soft Skills + and Robofest have all been designed, developed and integrated to enrich and cultivate the younger generation to be well-rounded individuals.



STUDENT ACHIEVEMENTS

SLIIT encourages students to regularly participate in competitions both on National and International levels. Participation in these competitions has been very

rewarding, securing highly acclaimed awards. Some such past achievements by SLIIT students are recorded below

Badminton Men's Singles Champion: Buwaneka Goonethilleke 14th UiTM International Sports Fiesta 2019

Doubles Champion: Buwaneka Goonethilleke - Total BWF Sudirman Cup 2019 Champions: SLIIT Athletic Men's & Women's teams - NSBM Sports Fiesta 2019

2nd Runners up: Kalutara Chess Festival Open International Rating Chess Championship 2019

Cup Championship : Leo Super 7s' Inter University Rugby Championship 2018 & 2019

2nd Runners up: SLIIT Basketball Men's team-UiTM International Sports Fiesta 2018

Champions: SLIIT Men's Badminton team-J'Pura Smashes 2018 Champions: APIIT Extravaganza Cricket Championship 2018

Champions: LBS Trophy 2018

Champions : APIIT Extravaganza Futsal Championship 2018

Champions: NSBM USports Futsal Championship 2018

1st Runners up: NSBM USports Hockey Championship 2018

Champions: 1st SLIIT Senshino Karate Championship 2018

1st Runners up: NSBM USports Netball Championship 2018

Champions: SLIIT Basketball Men's team-APIIT Sports Extravaganza 2017 & 2018

Plate Championship: UiTM International Sports Fiesta 2017 & 2018 Champions: 8th National Karate Tournament 2016, 2017 & 2018

Plate Championship: KDU Leaders' Trophy 2017





2nd place at the 1st International Energy and Electricity Market Business Decision Simulation Competition Team SLIIT Faculty of Engineering,

Winner: Chetty Beach Front Development Design Competition by SLIIT School of Architecture

Winner: CSSL ICT STUDENT of the year 2018

First runner up :Sri Lanka Section Speak Out for Engineers" (SOFE) Competition Sri Lankan Round

Winners: The "Team AlgoR" from SLIIT for emerging as one of the two winners in the #Microsoft South East Asia Imagine Cup 2018 competition

5th Place: SLIIT team of 1st years participated in IARC India won the 05th place amongst 21 groups at SLRC (Sri Lanka Robotics Challenge) - 2018

Merit Award: 1st Year SLIIT Engineering students win Merit Awards at InSys 2017 organized by the Office of Research & Innovation Services (ORIS), Sri Lanka Technological Campus (SLTC)

3rd Place: SLIIT Undergraduates at the Sampath Green Inventor 2017

Gold and Bronze: SLIIT brought home gold and bronze awards in 19th National Best Quality ICT Awards (NBQSA)

Merit Award: Asia Pacific Conference on Advanced Research (APCAR) - 2016

First Runner-up: Verizon 2015 Powerful Answers Award Contest 2015

Most Outstanding Expansion entity of the Year award: National Leadership Development Seminar (NLDS) 2015

Silver Award for Tertiary Student Project: NBQSA 2015

Second Runner-up: 'XBOTIX' Robotics Competition 2014

Second Runner-up: 'Imminent Marketer' 2014

Second Runner-up: 'SLIM Speech idol Season 2' 2014

Winner and the Second Runner-up: 'Dell Power Pitch Competition' 2014

First Runner-up: 'International Robotics Challenge' 2014 Second Runner-up: 'Sri Lankan Robotics Challenge' 2013

Winner: 'International Robotics Challenge' 2013

Gold & Silver Award: 'National Best Quality ICT Awards (NBQSA) 2013'

Merit Award: Asia Pacific ICT Alliance (APICTA 2013)

Winner: 'Sri Lankan Robotics Challenge' 2012









ALUMNI SUCCESS STORIES



Information Technology should no longer be viewed merely as a subject of study or career path. It is ubiquitous, and our technological literacy has a direct impact on how successfully we interact with the world around us.

When I joined the Computer Systems and Networking program at SLIIT in 2003, the fledgling institution already had a clear vision of providing students with an environment in which to immerse themselves in cutting edge technology and ideas. This was also my first experience of true collaboration with like minded individuals; be it fellow students or

staff, without being spoon-fed lessons or handheld during assignments, projects, or exams. A true preparation for the "real world" when one joins the workforce and face life in general as an adult.

The fundamentals I learned at SLIIT gave me confidence to not only face, but "ace" my interview at Fidessa, the world's #1 Equities Trading Platform providers. I subsequently worked in Technology teams at three investment banks in London; Royal Bank of Scotland, Barclays Capital, and JP Morgan. Holding a First-Class degree at the top of my batch became less relevant with time, as subject knowledge became obsolete. I believe my commitment to a lifetime of learning beyond formal education has helped me adapt to change and make progress in my career.

After a ten year career in IT roles, I joined the Equities Trading Desk at JP Morgan in 2017. In today's rapid electronic Stock Markets and Algorithmic Trading world, complementary skills and experience in technology and finance are highly valued by the industry. It is an exciting job that requires mental agility and creativity. I work with a vast amount of data and help develop Artificial Intelligence based trading strategies, as well as collaborate with our technology teams so they provide true solutions to our needs. I balance my hectic work life by playing cricket for the Wimbledon Cricket Club in the Surrey League, and travelling and exploring the world with my wife Gayani.

Dimuthu Ratnayake

BSc (Hons) in Computer Systems & Networking- SHU,UK EMEA Equities Program Trading J.P. Morgan





Serving as a Mechanical Engineer of the central sustainability team of Brandix Apparel Limited, I manage the energy performance and carbon footprint of the group of 30 + facilities operating in India, Sri Lanka and Bangladesh. I have been able to pioneer many sustainable engineering initiatives leading to obtaining the World Green Building Council recognition for the world's first carbon neutral apparel manufacturing facility, and the world's second highest score for a green manufacturing plant (LEED) awarded by the US green building council for Brandix Batticaloa. Having graduated with First Class in the field of Mechanical Engineering in March 2017 from the SLIIT, I was also able to secure the award for outstanding performer of the department. I am also an associate member of the IMechE-UK, and a passed finalist of CIMA -UK. Additionally, I have served as the secretary of the CIMA Sri Lanka Students' Society in 2016 and 2017. The world class opportunities I obtained through SLIIT such as being able to work with the Bentley research centre gave me an edge in working in the industry. Further, the support to expand students' horizons via engagement of many extra-curricular activities paved the way to becoming a better citizen.

Binura Perera

BSc (Hons) in Mechanical Engineering Group Senior Mechanical Engineer, Brandix Apparel Limited



A Chinese proverb says that "A journey of a thousand miles begins with a single step". In my story, the single step was the opportunity to follow BEng (Hons) in Electronics Engineering at SLIIT in 2010. In my early academic life I was a rote learner, and as such I faced tremendous difficulty until panel of lecturers at SLIIT helped me to discover that understanding basic principles is the key to success.

This was the turning point in my life as a student, which helped me to excel in academic performance. At the same time, I was lucky enough to be part of an international research project during my final year at SLIIT which resulted in two international conference publications. The research exposure that I gained at SLIIT laid an important foundation for me to excel in MSc and PhD studies at the University of Cape Town, Cape Town, South Africa. Today, I am a Lecturer at the University of Cape Town. Whenever, I look back at my life, I am proud to say that SLIIT played an important role in shaping my future.

Sampath Jayalath

BEng (Hons) in Electronics Engineering Lecturer at the University of Cape Town



An annual robotic competition organised by the SLIIT Faculty of Engineering, the competition was first held in 2010, where only SLIIT students were encouraged to participate. In 2011, the competition was expanded to accommodate interested students from all around the country. designed, developed and integrated to enrich and cultivate the younger generation to be well-rounded individuals.

Chamira Jayasinghe
BSc (Hons) in Information
Technology - SLIIT
Founder / CEO- Arimac

SLIIT Business School offered me a challenging yet exciting degree programme which helped me to carry a unique and a differentiated personality. SLIIT Business School nurtured me very well to face the fast paced competitive industry which assisted me in a achieving my career goals.

Shehani Cooray

Special Honours - Specialisation
Marketing Magement
Assistant Marketing Manager
Jetwing Travels





BSc (Hons) in Architecture, offered by Liverpool John Moores University and conducted by SLIIT is a well-organized and structured course with up to date course material including industrial norms and theories exposing the students to whole new world of architecture.

Throughout the course, lecturers who have been academically and professionally well experienced are delivering the best for their students. Deliverables are consisted with both theoretical and practical knowledge, in a way which students shall be exposed to real world scenarios, thereby developing them to be renowned professionals in the future. Being a student of the first batch of SLIIT School of Architecture was one of the best experiences gained during the Degree program. As the first batch we were able to set a benchmark for students years to come and also to work closer with the staff, headed by Archt. Aishani Jayasinghe, Head of School of Architecture, SLIIT to make their vision come into fruition. I'm proud to say that as a student from the very first batch, I was able to be on the dean's list twice during my period of study.

Sandali Thiranagama

Bsc (Hons) in Architecture Working for B.G.J.F. Consultancy and Services (Pvt.) Ltd.



The SLIIT School of architecture is a great platform to grasp the variety of knowledge and experience. through tangible and intangible educational approaches. I have participated in many workshops conducted by the school and many architectural exhibitions, and inter-university bodies. Events organized by the school brought me in building my personality. The time I have greatest experience in my life which is essential degree program with a first Class Honours awarded by the Liverpool John Moores University UK and been able to award the Prof. Nimal de Silva Gold Medal Given by the SLIIT School of Architecture for the best overall performance. I was been able to apply and be a one of the candidates who was awarded with the Chancellors thankful to SLIIT and the Lectures for giving me

Ranjaka Kalhara Hettiarachchi

BSc (Hons) in Architecture Working for MCID Associates

ACADEMIC STAFF

Professor Lalith Gamage Vice Chancellor/ Chief Academic Officer/ Chief Executive Officer

BSc Eng, MSc, PhD, MBCS, cEng, MIE (SL)

Affiliate Professor - University of British Columbia, Canada

Adjunct Professor - Curtin University, Australia

Prof. L.L Ratnayake BSc Eng (Hons) (Sri Lanka), MSc (Birmingham), DSc (h.c), CEng, FIE (Sri Lanka), Int. PE (Sri Lanka),

NASSL

Prof. G. M. S. Kapurubandara BSc (UOC, Sri Lanka), MSc (Comp.Sc) (AIT,Thailand), PhD (WSU,Australia) Prof. T. A. S. S. Thelijjagoda BA (Hons)(Sri J), MEng (Gifu), PhD (Gifu), MIEEE, MIET, MAIS, MCSSL

Prof. H. S. Thilakasiri BSc Eng (Hons) (Moratuwa), MSc (Lond, UK), PhD (USF, USA)

Prof. C. S. Jayawardena BSc Eng(Hons) (Moratuwa), MEng (Moratuwa), PhD (Saga), MIET, SMIEEE, CIPT FBCS, C.Eng MIESL

Dr. M. N. Wijesundara BEng (Hons) (Warwick), PhD (NUS), CISA, MIEEE, MIET, MAIS, MCSSL

Prof. R.A Aththalage BSc Eng (Hons) (Moratuwa), MEng (AIT, Thailand), D.E.A, PhD (Ecole des Mines de Paris, France)

Prof. B.C.N Peiris BSc (Agriculture) (Peradeniya), MSc , PhD (Penn.State, USA) , DSc (SUSL) hc

Prof. K. N. Pulasinghe BSc Eng (Hons) (Moratuwa), PhD (Saga), MIEEE, CMA (Australia)

Prof. A.T.Suraweera BSc (Hons), MSc ,MBA, (J'pura), MSc (Reading, UK), PhD (Canterbury, NZ)

Prof. H. S. C. Perera BSc Eng (Hons) (Moratuwa), MSc Eng, PhD (AIT, Thailand)

Prof. U.G.A Puswewala BSc Eng (Hons) (Moratuwa), MEng (AIT, Thailand), PhD (Manitoba, Canada), C.Eng, FIE (SL)

Prof. S.E. Peiris

BSc (Peradeniya), MSc (PSU, USA), PhD (London)

Prof. L.A.S.R. Perera

BSc (Moratuwa), MSc (Moratuwa), PhD (AIT, Thailand)

Prof. N. Selvakkumaran

LLB (Colombo), Mphil (Colombo), Attorney-at-Law

Ms. H. W. M. C. Weligodapola

B.Com (Hons) (J'pura), MA in Econ (Colombo)

Dr. A.P.N. Somaratna

BSc Eng (Peradeniya), MSc , PhD (Illinois, USA), C.Eng, MIE (SL)

Dr. G. N. Kodagoda

BSc Eng (Hons) (Moratuwa), MPhil (Moratuwa), PhD (SHU)

Dr. P.K.W. Abeygunawardhana

Dr. K. N. Abhayasinghe

BSc Eng (Moratuwa), MSc (Moratuwa), PhD (Curtin, Australia)

Mr. J. L. Amararachchi BSc (J'Pura), PDDip (Com.Sc) (Cantab, NZ) , MSc (Com.Sc) (Colombo), MBCS

Dr. S.A.M Karunaratne BSc Eng (Hons) (Moratuwa), PhD (Cambridge, UK)

Dr. W.K. Wimalsiri BSc Eng (Hons) (Moratuwa), PhD (Newcastle,UK), MIESL, C.Eng, CMarEng

Dr. J.Lanel BSc (Hons) (OUSL), MSc (J'pura), MA, PhD (Oakland)

Mr. H.S. Jayasena BSc (Hons) (Moratuwa), MSc (NUS)

Ms. A. H. Jayasinghe
Mr. Y. W. Mallawarachchi
BSc Eng (Hons) (Moratuwa), MBA (Moratuwa), PMP, MBCS
Dr. (Mrs) D. P. Nawinna
BSc (Hons) (SLIIT), BSc (Curtin), MSc (SLIIT), PhD (Curtin, Australia)

Dr. P. L. Rupasinghe BSc (Hons) (SLIIT), MBA (PIM), CISA, CISSP, MIEE, MBCS, MCSSL, PhD (Curtin, Australia)

Dr.(Mrs) T. W. A. Karunasena BSc (Curtin), BSc (Sp) IT (SLIIT) MSc (SLIIT), PhD (RMIT)

Dr.(Mrs) D. P. Samarasinghe BSc Eng (Hons) (Moratuwa), MBA (IT) (Moratuwa), PhD (Australian National University)
Dr. J.A.D.C.A Jayakody CITP, BSc (Hons) (Greenwich, UK), MSc (SLIIT), MIEEE,MIET, PhD (Curtin, Australia)

Dr. W. M. J. L. Wijekoon BSc (Hons) (SLIIT), MSc (Keio,Japan), PhD (Keio,Japan)

Dr. N. R. Samarasinghe BSc (Kelaniya), MSc, MBA in MOT(Kyushu, Japan), PhD (Kyushu, Japan)

Dr. R.P.Thilakumara BSc (Hons) (Moratuwa), PhD (Bristol, Uk)

Dr. A. L. G. Seneviratne

Dr. G. Tharmarajah

Dr. E. C. Kulasekere

Dr. S. C. S. Karunaratne

BEng (Hons), PhD (QMUL, UK)

BSc Eng (Moratuwa), PhD (QUB, UK)

BSc Eng (Moratuwa), MSc, PhD (Miami, USA)

BSc (Moratuwa), MEng, PhD (Saitama, Japan)

Dr. R. P. N. U. Amarasinghe
BSc (Moratuwa), MSc (TU, Thailand), PhD (KSU, USA)
Dr. S. Wijewardane
BSc (Moratuwa), MEng (Moratuwa), PhD (South Florida, USA)

Dr.(Ms)B.A. J. T. Bamunusinghe BSc (Hons) (Peradeniya), PhD (Monash, Australia)

Dr. D. T. K. Bernard BSc (Jaffna), MBA (Colombo), PhD (MSU)

Dr. P. I. A. Gomes BSc Eng (Hons) (Moratuwa), MSc (Moratuwa), PhD (Saitama, Japan)
Dr. S. V. T. J. Perera BSc Eng (Hons) (Moratuwa), Mphil (Moratuwa), PhD (Saitama, Japan)

Dr. M. S. M. Perera

BSc Eng (Hons) (Moratuwa), PhD (Loughborough,UK)

Dr. (Ms) M. Ding

BSc Eng, MSc Eng (Beijing, China), PhD (Kingston, Canada)

Dr. K.A.D.M Kasthurirathna

BSc Eng (Hons) (Moratuwa), MSc (Colombo), PhD (Usyd, Australia)

Dr. M. H. Liyanage

BSc Eng (Hons) (Peradeniya), MEng (AIT, Thailand), PhD (N.L, Canada)

Dr.(Ms) M.A.F. Kurukulasuriya BA (Economics) (Hons) (Kelaniya), MA, MAS (Paris, France), PhD (INALCO, France)

Dr.(Ms) W. D. A. Senevirathna BSc (J'pura), MBA (Colombo), PhD (NIDA, Thailand)

Dr.(Ms) W.H Rankothge BSc (Hons) (SLIIT), MSc (Moratuwa), PhD (University of Pompeu Fabra, Barcelona)

Dr. T.C Jayaruk BSc (Hons) (Colombo), PhD (Alabama, USA)

Dr. (Mrs) S.R Herath BSc Eng (Hons) (Peradeniya), MEng (Nagoya, Japan), PhD (California, USA)

Dr. (Ms) A.S.M Mendis BSc (Moratuwa), PhD (UNSW, Australia)

Dr. R. M. U. S. Rathnayake BSc Eng (Hons) (Peradeniya), MEng (Hokkaido, Japan), PhD (Strathclyde, UK)

Dr. S.M.A.I Kulathunga BSc (Hons) (Moratuwa), PhD (NTU, Singapore)

Dr. M.D.R.K. Jayathilaka BA (Colombo), M.Econ (Colombo), MSc (NUS), PhD (Griffith, Australia)

Dr. H.D.A.K.S. Harasagama BA (Kelaniya), LLM (Deakin), PhD (Monash), Attorney-at-Law

Dr. S.N. Hettiwatte BSc Eng (Moratuwa), MEng (Moratuwa), PhD (UK)
Dr. N. Nagendrakumar BSc (J'pura), MSc (J'pura), PhD (PIM-J'pura)

Dr. (Mrs) H.M.R.P Herath BBM (Hons) (Kelaniya), MBA (PIM), PhD (Newcastle,UK)

Mr. C. J. Wickramarathne BSc (Ruhuna), MSc (Moratuwa)

Mr. H.K.P. Sumathipala BSc (Colombo), MSc (Colombo), MIEEE, MACM, MCSSL

Mr. U.U.S.K. Rajapaksha BSc Eng (Hons) (Moratuwa), MSc (SLIIT)

Mr. K.P.D.H. De Silva BSc (Hons) (SLIIT), MSc (SLIIT)

Mrs. M. P. A. W. Gamage
Mrs. M. A. G. K. J. Wimalaratne
Mrs. S. M. U. P. Samarakoon
Mrs. M. P. Gamage
Mrs. M. P. Gamage
Mrs. K. T. S. Kasthuriarachchi
BSC (Hons) (SLIIT), MSC (SLIIT)
BSC (Hons) (SLIIT), MSC (SLIIT)
BSC (Hons) (SLIIT), MSC (SLIIT)

Mr. D. N. S. Kuruwitaarachchi BSc (Hons), (SHU, UK), MSc IT (SLIIT), MBA (PIM) (J'pura), MBCS, MCSSL

Mrs.M. M.D. De Silva Gunawardena BSc (J'pura), MSc (J'pura)

Mr. D. I. de Silva BSc (Hons) (SLIIT), BSc (Curtin), MSc (SLIIT)
Mrs. M. M. P. N.Walgampaya BSc(Hons) (Moratuwa), MSc (Colombo)

Mr. A. N. Senarathne BSc (Hons) (SLIIT), BSc (Curtin), MSc (Colombo), MIEEE, MBCS, MCSSL

Ms. H. W. L. Abeysiri BSc (Hons) (SLIIT), MSc (SLIIT)
Ms. L. H. S. S. Chandrasiri BSc (Hons) (SLIIT), MSc (SLIIT)

Ms. S. L. Lokulivana BSc (Hons) (SLIIT), MSc (SLIIT), MIEEE, MCSSL

Ms. L. D. A. D. Dissanayake

BBA (Hons) (SHU), PGD (Colombo), M.LRHRM (Colombo)

Ms. C. L. Kuruppu

BBA (Hons)SHU, PGD (Colombo), M.LRHRM (Colombo)

Ms. C. U. Kumarapperuma BSc (Hons) (SLIIT), MSc (Keele, UK)

Mrs. M. H. M. R. Tissera BSc (Hons) (UCD, Dublin), MSc UCSC (Colombo)

Ms. H. M. U. S. R. Samarasinghe BSc(Hons) (Kelaniya), MBA (Ja'pura)

Mr. R. S. Weerarathna BBM (Kelaniya), MBA (Sunderland, UK), M.LRHRM (Colombo)

Ms.G. L. Fernando BSc (Peradeniya), MEng (Moratuwa)
Mr. P. S. Hettipathirana BSc (Moratuwa), MSc (Moratuwa)
Ms. S. G. Jayakody BA (Hons), MA (Nottingham, Malaysia)

Ms. K. K. N. A. Jayasuriya BBM (Kelaniya), MBA (Anglia Ruskin, UK), MBA (Colombo)

Maj.(Retd) W. M. V. R. D. Edirisinghe BSc Eng (KDU), MSc (KDU)

Ms. P.H.U.G.K. Rathnasena BA (Hons) (Kelaniya), MA (Kelaniya), Mphil (Colombo)

Mr. H.M.G.M Herath
Mr. N.M.P.K Navaratna
Ms. K.P.K.M.H Polhena
Mr. D.M.N.R Dissanayake

BSc Eng (Moratuwa), MBA (J'pura)
BSc (Arch)(Moratuwa), MSc (Moratuwa)
BSc (Moratuwa), MSc (Moratuwa)
BSc (Hons) (IT) (SLIIT), Mphil (Colombo)

Mrs. D.M.C.D.K Dasanayaka BSc (OUSL), MA (IGNOU)
Mr. N.S.De Silva BSc (USA), MSc (USA)

Ms. E.W.A.I.M. Siriwardana Bachelor of Nursing (OUSL), BA General (J'Pura), PGDE (OUSL), Master of Education (OUSL), MSc

(Kristiastad)

Ms. G.W.J.K.K.Wijesundara BSc (Moratuwa), MSc (Moratuwa), Master of Urban Design (Toronto)

Mr. B.G.Chanaka Prabuddha BSc Eng (Hons) (Moratuwa), MEng (Moratuwa)

Mr. J. Alosius BSc Eng (Peradeniya), Master of Management (NZ), Master of Business Analytics (Deakin)

Mr. W.G.K.C Gamage BSc Eng (Production Engineering) (Peradeniya), MSc (NTU),

Mr. S. M. B. Harshanath BSc (Hons) (UCD), MSc (SLIIT)

Ms. K. B. A. B. Chathurika BSc (Hons) (SLIIT)

Ms. P. K. S. Kumari

Mr. R. A. P. Buddhika

BSc (Hons) (SLIIT), PGD (SLIIT)

BSc Eng (Hons) (Moratuwa)

Mr. S. K. P. N. Silva BSc Eng (Hons) (Moratuwa), MEng (Moratuwa)

Ms.K. A. D. C. P. Kahandawaarachchi BSc (Hons) (SLIIT)

Mr. K. P. G. C. D. Sucharitharatna

Ms. M. M. D. J. T. Hansika

Ms. D. R. Wijendra

Ms. P. S. Bandara

Ms. D. P. N. P.Dias

BSC (Hons) (SLIIT), MSc (SHU, UK)

BSC (Hons) (SLIIT), MSc (Colombo)

BSC (Hons) (SLIIT), MIT (Colombo)

BSC (Hons) (SLIIT), BSC (Colombo)

Mrs. M. A. L. P. Malasinghe MEng (Hons) (Nottingham, UK), MSc (Moratuwa)

Ms. A. M. Imbulpitiya BSc (Hons) (SHU), MISM (Colombo)

Ms. P. D. S. Silva BSc (Hons) (SLIIT)
Mr. M. R. Perera BEng, MSc (SHU, UK)

Mr. I. H. Kumarasiri BSc (Hons) (J'pura), MSc (Colombo)
Ms. H. K. Abeynanda BSc (Hons) (Kelaniya), MSc (Colombo)

Mr. S. S. Wanniarachchi BSc Eng (Moratuwa)

Mr. W. G. A. Ishara BSc (SLIIT), PGD (SLIIT), MSc (SLIIT)

Ms. S. E. R. Siriwardana BSc (SHU), MSc (SHU)

Mr. W. L. S. S. Kumara BTech (OUSL), MSc (Peradeniya)

Ms.J. Tharmaseelan BSc (Hons) (SLIIT)

Ms. W. C. M. Silva BSc Eng (Hons) (Moratuwa), AMIE (Sri Lanka)

Mr.R. Arunthavanathan BEng, MSc (Northumbria, UK)

Ms.R. W. D. N. K. Rajapaksha BA (Kelaniya)
Ms.G. M. T. K. D. S. Suriyawansa BSc (Hons) (SLIIT)
Ms.D. M. G. T. Dassanayake BSc (Hons) (SLIIT)

Mr.K. Y. Abeywardena BSc (Hons) (Herts, UK), MSc (Kingston, UK)

Ms.D. S. A. Kandawala BSc (Hons) (SLIIT), MSc (SLIIT)

Ms.A. A. Sumudu Namali Munasinghe BBA (SLIIT)

Mr. S.A.S.P. Sathurusinghe BSc Eng (Hons) (Moratuwa), Mphil (Peradeniya)

Mr. V. T. K. Herath

Ms. K.G.D.C. Sriyaratna

Mr. P. Coomasaru

B.ARCH (Moratuwa)

BSc (Hons) (UCD, Ireland)

PGD (Colombo), MBS (Colombo)

Ms.P.B. Ratnayake BSc (Hons) (SLIIT)

Ms.J.C. Kalinga BA (Hons) (Kelaniya), MA (PGIE)

Ms.L. M. H. De Silva BSc (Hons) (SLIIT)

Mr.S.A.U.S Samarathunga Bsc IT (Austrailia), BSc (Hons)(Sp) IT (SLIIT), Msc (EAD) (SHU, UK) OCPJP, MCSSL, MIEEE

Ms.K.M.L.P Weerasinghe BSc (Hons) (Kelaniya), MSc (Moratuwa)

Ms.D.I. Chamindi BA (Banglore), MSc (Coventry)

Ms. D.R Lunugalage BSc (Peradeniya)

Ms. K.A.N. Gunarathna BSc (Hons) (Moratuwa), MA Financial Economics (Colombo)

Mr. K.G.S.K. Perera BSc (Colombo), M.Ed (Malaysia)

Ms. S.P.C. Lankika BSc (Hons) (Peradeniya), MBs (Colombo), MSc (Peradeniya)
Ms. S.P. Abeysinghe LLB (Colombo), Master of Laws (West London), MHRD (Colombo)

Ms. K.G.M.C. Samarajeewa ADPM (NIBM), IQSSL, Dip in Commercial Arbitration

Ms. M.Pramodika Manelgama BSc (Moratuwa), MSc (Moratuwa)

Mr. Y.H.P.P. Priyadarshana BSc (Moratuwa)

Ms. P.H.S Wijedasa BSc (Hons) (USJ), MSc (Kelaniya)

Mr. P. Sarukkali BSc (Colombo), PGD (Peradeniya), MSc (Colombo)

Mr. N. H. P. R. Supunya

Mr. O.R.M de Silva

Ms. M.G.N.M Pemadasa

BSc (SLIIT)

BSc (Peradeniya)

Mr. N. C. Amarasena BSc (Hons) (SLIIT), MSc (SLIIT)

Mr. H.M.C Wijerathne BSc (Hons) Kelaniya
Ms. S. P. B. N. Silva BSc (Hons) (SLIIT)

Ms. T. S. De Silva BEng (Hons) (SHU, UK), MSc (Colombo)

BEng (Hons) (Wolverhampton, UK), MSc (SHU, UK) Ms. C. J. Rodrigo

Ms. S. D. Wipulasundara BSc (Moratuwa)

Ms. A. E. Peiris BA (Kelaniya), MA (Kelaniya) BSc (J'pura), MSc (Moratuwa) Ms. H. E. K. Fernando

Ms. T. A. Kuruppu BSc (Hons) (SLIIT)

BA (Kelaniya), MA (Kelaniya) Ms. A. W. H. Ranathunga

Ms. S. Losini BSc (Hons) (SLIIT)

BA (Peradeniya), MA (Kelaniya) Ms. D. M. M. S. Dissanayake BSc (Southeast Missouri, USA) Ms. T. D. Amarasooriya

Ms. R.A.S. Rupasinghe BSc (Ruhuna) BSc (Salford, UK) Ms. G. H. S. De Silva Ms. N.D.U Gamage BSc (SLIIT)

BSc (Hons) (Colombo) Ms. K.G.M Lakmali Ms. K.G Wijessuriya BA (Colombo) Ms.K.A.L.H Gunathilake BSc (Colombo) BSc (Special) (Ruhuna) Ms. J.A.D.T.B.Jayasinghe

Ms. D. R. Gunawardhana BA (Peradeniya)

Ms. A.M.T. Gunesinghe BA (OUSL)

NOTES



SLIIT Malabe Campus

New Kandy Road, Malabe Tel: +94(0)11 754 4801 Fax: +94(0)11 241 3901

SLIIT Metropolitan Campus

BOC Merchant Tower, No #28, St Michael's Road,Colombo 03 Tel: +94(0)11 754 4802

Fax: +94(0)11 754 4802

SLIIT Matara Center

No. 24, 5th Floor, E.H.Cooray Building, Anagarika Dharmapala Mawatha, Matara

Tel: +94(0)41 754 4501 Fax: +94(0)41 222 1048 Hotline: +94(0)77 741 4647

SLIIT Kandy Center

No 670/1/1A, Peradeniya Road, Kandy

Tel: +94(0)81 238 7888 Hotline: +94(0)77 020 4204

SLIIT Kurunagala Center

No 76, Mihidu Mawatha, Kurunagala

Tel: +94(0) 37 720 4204

SLIIT Jaffna Center

No 330, Stanley road, Jaffna Tel: +94(0)21 720 0406 Fax: +94(0)21 720 0407