2021
FACULTY OF ENGINEERING
STUDENT GUIDE

SLIIT

Discover Your Future

THE NEXT YOU

The goals and decisions you pursue today will take you to the next level.
If your decision is to be “Tomorrow‘s Great”, you should join SLIIT Higher Education, a globally recognised Institute

BE SMART. BE WISE

“The Next You” is determined by your next level of education in the fields of;
COMPUTING | BUSINESS | ENGINEERING | HUMANITIES AND SCIENCES | ARCHITECTURE

- Scholarships worth over Rs. 50 Million
- A grant of Rs. 120 Million for new scientific research
- Internationally accredited lecture panel
- Educational facilities of international standards

CONTENTS

WWW.SLIIT.LK

MESSAGE FROM THE DEAN

At the Faculty of Engineering, we aim to produce world class graduates readily employable in industry. The faculty pursues the institute's mission by focusing on excellence in higher learning, research and other professional activities in engineering. A new engineering complex with state-of-the art facilities is available for students to achieve high level of learning experience under the guidance of more than hundred highly qualified fulltime academic staff consisting of more than 25 PhD holders. A new fourteen story academic building complex is being constructed to accommodate the increasing demand for the courses offered at the Faculty.

The Faculty of Engineering comprises of five academic departments. The faculty at present offers Ministry of Higher Education, Sri Lanka approved four year Bachelor of Science of Engineering Degrees in four disciplines; Electrical and Electronic Engineering, Civil Engineering, Mechanical Engineering and Materials Engineering. Under these four major disciplines, we offer over eight specializations, including the specialization in Mechatronic Engineering. Further, the Faculty offers four year Bachelor of Engineering degrees in three disciplines: Civil and Construction Engineering; Electrical and Electronic Engineering and Mechanical Engineering in partnership with the Curtin University, Australia. All the Curtin University degree programs offered in the Faculty are accredited by Engineers Australia, and as a result all our Curtin graduates get two year work visa in Australia after their graduation. Furthermore, the Department of Quantity Surveying in the Faculty of Engineering offers the highly recognized three year Bachelor of Science Honours degree in Quantity Surveying in partnership with the Liverpool John Mores (LJMU), UK. The Quantity Surveying degree we offer is RISC accredited in UK and we are in the process of getting the RICS accreditation for our delivery in the Faculty as well.

Apart from the above stated undergraduate degrees, we are granted permission by the Ministry of Higher Education, Sri Lanka to offer research degrees leading to MPhil and PhD. We carry out research in collaboration with state institutions, local industry, international institutions and foreign industry. Faculty of Engineering secures more than Rupees hundred million worth of research funding from those institutions per year and close to twenty postgraduate research students are currently engaged in their research work seeking the aforementioned postgraduate research degrees.

As a leading higher educational institute in Sri Lanka, SLIIT will play a critical role in educating and developing high talent, and in attracting and retaining good local and international students, faculty and visionaries across its many disciplines.

As the Dean of the Faculty of Engineering of SLIIT, I am grateful to all our staff for their continued support in raising our standards to greater heights, and maintaining that high standards in delivering both undergraduate and postgraduate degrees. Furthermore, I am grateful to our parent institution, SLIIT, for providing us with necessary resources, excellent educational infrastructure and university environment to engage in our mission. There has never been a more important stage to engage and transform the talent base that can look beyond the traditional economic and social boundaries, and Sri Lanka's future will indeed depend on that.

PROFESSOR
SAMAN
THILAKASIRI
DEAN - FACULTY OF ENGINEERING

SUCCESS STORIES

As an Engineer, I believe in “Innovation is the key to success”. SLIIT opened the door for me to enter the path of design and innovation. From many degree programs offered at SLIIT, I selected the Mechanical Engineering program affiliated with the Curtin University of Australia. This also helped me to become a graduate member of Engineers Australia.

In December 2016, while I was waiting for my final year results, I have joined 3D Concept Studio, a prototyping and innovation-based organization as a Design Engineer. With the successful completion of my degree, I continued to work on new product designs at 3D Concept Studio. And with 100% commitment and the passion to develop new designs, I got promoted as the Engineering Manager at 3D concepts studio in the year 2018. Now I manage projects from idea-phase to final design and the final prototype, helping many individuals and organizations to make their ideas a reality. At 3D concept Studio, we also took the initiative to conduct sessions for the public, students, and corporates about the 3D Designing and Fabrication. I also got the opportunity to input my knowledge and skills in providing solutions for many industries such as the electronic industry, medical industry, manufacturing industry, etc. I was also able to successfully design and fabricate devices to convert Scuba Gear into CPAP masks for ICU patients and face shields for medical staff to fight the COVID-19 pandemic.

Thinking back, all these opportunities I have received to make the world a better place was thanks to the exposure and strength given to me by SLIIT. Without a doubt, I can say that SLIIT laid a strong foundation for my career as an Engineer.

YASIRU SENANAYAKE

BEng (Hons) IN MECHANICAL ENGINEERING

MANAGER ENGINEERING - 3D CONCEPT STUDIO PRIVATE LIMITED

I developed my earliest passion for academic research when I was an undergraduate student at SLIIT, faculty of Engineering. Guided exposure to develop research skills provided by the experienced lecture panel contributed to build my path of becoming a curious researcher. I graduated with a First Class in BSc (Hons) in Civil Engineering and I received the merit award for academic excellence in the field of Civil Engineering at 2017 convocation. I worked as an Instructor and an Assistant Lecturer at the Department of Civil Engineering of SLIIT after graduation. Currently I am reading for Ph.D. in Civil Engineering at the University of Manitoba, Canada. I recently received Price Graduate Scholarship for Women in Engineering for my academic achievements at the University of Manitoba.

I was the Secretary of Sri Lanka Association of Institute of Civil Engineers (SLAice) Student Chapter in 2015/ 2016 office tenure. I currently serve as the Treasurer for Canadian Water Resources Association (CWRA) Student and Young Professionals Chapter in Winnipeg, Canada.

I personally experienced that Civil Engineering curriculum at SLIIT is comprehensive and versatile which ensured a smooth transition from undergraduate studies to graduate studies. The strong foundation laid by SLIIT helped me to reach great heights in my academic and professional life.

RANDULA SENARATHBANDARA

BSc (Hons) IN CIVIL ENGINEERING

PHD STUDENT/RESEARCH ASSISTANT - UNIVERSITY OF MANITOBA, CANADA

ENGINEERING DEGREES

SLIIT is a pioneer in providing education in a multitude of disciplines giving students a great degree of freedom when choosing the right pathway. As such, we at the SLIIT Engineering faculty aim to instil in students' knowledge, skills and attitudes required to work in the industry as practising engineers and quantity surveyors.

We are dedicated to educate and train each student to the highest standard and prepare them for employment across many levels. During their undergraduate studies, we provide them with compulsory on-the-job training, which will give them valuable hands-on experience within their respective fields of study. Our highly qualified and experienced full-time academic staff, and excellent in-house state-of-the-art laboratory facilities will ensure that the students one day will leave the faculty with the best learning experience.

Our graduates will find that the qualifications they earn at SLIIT are fully recognized. All engineering degrees awarded by SLIIT are approved by the Ministry of Higher Education of Sri Lanka under the Universities Act. Furthermore, our undergraduate curriculum is outcome-based in compliance with the Washington Accord Accreditation through the Institution of Engineers, Sri Lanka (IESL). SLIIT is also a Member of the Association of Commonwealth Universities and International Association of Universities (IAU).

At SLIIT, students will also have the option of pursuing the Engineering programs offered by Curtin University, Australia and the Quantity Surveying programs offered by Liverpool John Moores University (LJMU), UK.

Our programmes are flexible. For example, students are able to exit a course if faced with restrictive circumstances and rejoin the programme later (subject to relevant registration procedures). All our graduates enjoy excellent job prospects in the industry, both local and international. Many have also secured postgraduate opportunities in highly reputed universities around the world - a testimony to the excellent standards we maintain in our programs. Furthermore, the Faculty of Engineering now offers MPhil and PhD programs which are approved by the Ministry of Higher Education, Sri Lanka. Students can obtain full or partial scholarships with stipends, on a competitive basis, to follow these programs.

SLIIT BSc ENGINEERING HONOURS DEGREES

Duration	:	4 Years
Entry	:	February / September
Location	:	Malabe
Offered	:	Weekdays
Examinations	:	Weekdays

ACADEMIC & PROFESSIONAL RECOGNITION

- Approved by the University Grants Commission under the Universities Act / Ministry of Higher Education in Sri Lanka (MOHE)
- Member of the Association of Commonwealth Universities (ACU)
- 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

SPECIALISATIONS

CIVIL ENGINEERING

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

ELECTRICAL & ELECTRONIC ENGINEERING

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

MATERIALS ENGINEERING

- Metal, Polymer, Ceramic industries
- Design and Manufacturing
- Research and Development
- Aerospace
- Research and Development
- Nanomaterial
- Energy
- Automobile
- Building and Construction

MECHANICAL ENGINEERING

- Computer Aided Design and Manufacturing
- Maintenance of Machinery and Equipment
- Industrial Engineering
- Thermal Engineering
- Automobile Engineering
- Control System Engineering

MECHANICAL ENGINEERING *(MECHATRONICS SPECIALISATION)*

- Industrial Automation
- Robotics
- Electronics Industry
- Development of Smart Products
- Research and Developmentsc
- Maintenance of Machinery and Equipment

FACULTY OF ENGINEERING

CIVIL ENGINEERING

The four-year course of studies leading to the degree of BSc Engineering (Hons) in Civil Engineering is carefully designed to maintain a judicious balance between theoretical foundations and practical applications. Students will be exposed to a rigorous academic programme and at the same time they will be provided ample opportunities to gain hands on experience in well-equipped laboratories and during exciting field excursions. They will also be able to acquire valuable real life engineering experience through industrial internships during the long vacations of the second and the third years of study.

CAREER OPPORTUNITIES

- Civil and/or Environmental Engineering Consulting Firms
- Construction Engineering Organizations in Private and Public Sectors
- Specialist Subcontractors
- Research and Development Institutes
- Provincial Engineering Organizations
- Government and Regulatory Authorities
- Municipalities and local government organizations

CIVIL ENGINEERING IS A :

Professional engineering discipline dealing with the design, construction and maintenance of the physical and built environment

Concerned with works such as: buildings, roads, railways, bridges. Dams, reservoirs, tunnels, water ways, underground structures, ports and off – shore structures.

An excellent blend of scientific and engineering fundamentals, and essential practical skills.

Problem and project – based learning is a key feature of the degree programme.

Enhances creative, innovative and team - work skills.

Includes project work based on laboratory experiments, library research, field work and partial assessments completed through seminars.

Students also undergo six months of compulsory industrial training at the end of their 2nd and 3rd years respectively, split into two periods of three months each.

STUDENTS MAY ALSO USE THE FINAL YEAR TO PURSUE SPECIALISED OPTIONS IN:

- Structural Engineering (SE)
- Geotechnical Engineering (GE)
- Environmental Engineering (EE)
- Transportation Engineering (TE)
- Water & Environmental Engineering (WE)
- Construction Engineering (CE)

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

YEAR ONE

SEMESTER 01

CE1011	Engineering Mechanics	04
ME1010	Engineering Design & Processes	04
EC1021	Electrical Systems	03
MA1302	Engineering Mathematics I	03
EL1202	English Language Skills I	03
CE1912	Introduction to Sustainable Engineering	02

SEMESTER 02

ME1030	Engineering Skills Development	03
ME1040	Engineering Principles & Communication	04
MT1010	Engineering Materials	04
MA1312	Engineering Mathematics II	03
EC1441	Engineering Programming	03
EL1212	English Language Skills II	02

YEAR TWO

SEMESTER 01

CE2011	Structural Analysis I	04
CE2712	Fluid Mechanics	04
CE2021	Properties and Mechanics of Materials	03
CE2211	Civil Engineering Methods	04
MA2302	Engineering Mathematics III	03

SEMESTER 02

CE2812	Geotechnical Engineering I	03
CE2032	Structural Design I	04
CE2042	Structural Analysis II	04
CE2051	Advanced Mechanics of Materials	03
ME2720	Introduction to Thermal Processes	02
	Humanities I	02
CE2911	Industrial Training I	03
CE2940	Civil Engineering Surveying Camp	01

YEAR THREE

SEMESTER 01

CE3012	Structural Analysis III	03
CE3712	Pumps & Open Channel Flow	03
CE3022	Structural Design II	04
CE3811	Geotechnical Engineering II	03
CE3211	Civil Engineering Project and Cost Management	03
	Humanities II	02

SEMESTER 02

CE3611	Environmental Engineering	03
CE3822	Geotechnical Engineering III	03
CE3411	Transportation Engineering	03
CE3231	Projection Formulation	03
CE3221	Construction Technology and Methods	03
CE3922	Civil Engineering Seminar	
CE3911	Industrial Training II	03

YEAR FOUR

SEMESTER 01

CE4211	Comprehensive Design Project I	03
CE4221	Civil Engineering Practice, Quality and Legislation	03
CE4912	Civil Engineering Project I	03
CE4741	Engineering Hydrology	03
2 ELECTIVE MODULES FROM THE FOLLOWING		
CE4811	Foundation Engineering I	03
CE4411	Traffic Engineering and Planning	03
CE4711	Water Systems & Hydraulic Structures	03
CE4011	Finite Element Methods in Structural Engineering	03
CE4041	Structural Design III	03
CE4611	Environmental Engineering Design	03

SEMESTER 02

CE4921	Sustainble Development in Civil Engineering	03
CE4251	Comprehensive Design Project II	03
CE4931	Civil Engineering Project II	03
CE4261	Construction Project Management	03
2 ELECTIVE MODULES FROM THE FOLLOWING		
CE4821	Foundation Engineering II	03
CE4421	Pavement Design and Maintenance	03
CE4731	Environmental Hydraulics & Hydrology	03
CE4021	Structural Dynamics and High Rise Buildings	03
CE4031	Advanced Concrete Design	03

** Electives to be chosen with the prior approval of the Acadamic Department*

ELECTRICAL & ELECTRONIC ENGINEERING

With a strong focus on building theoretical and practical based study, the BSc Engineering Honours in Electrical & Electronic Engineering provides appropriate technical knowledge in Electrical & Electronic Engineering including hands on experience in practical scenarios. The course is structured also to gain interdisciplinary problem solving skills, social awareness and confidence required to build outstanding high caliber engineers. The curriculum of BSc Engineering Honours in Electrical & Electronic Engineering is developed in close consultation with the industry, so that the graduates are well suited with the demands of the industry. The students will also gain the essential skills expected in the industry.

CAREER OPPORTUNITIES

- Electronic
- Telecommunication
- Electrical Power
- Data Communication
- Networking

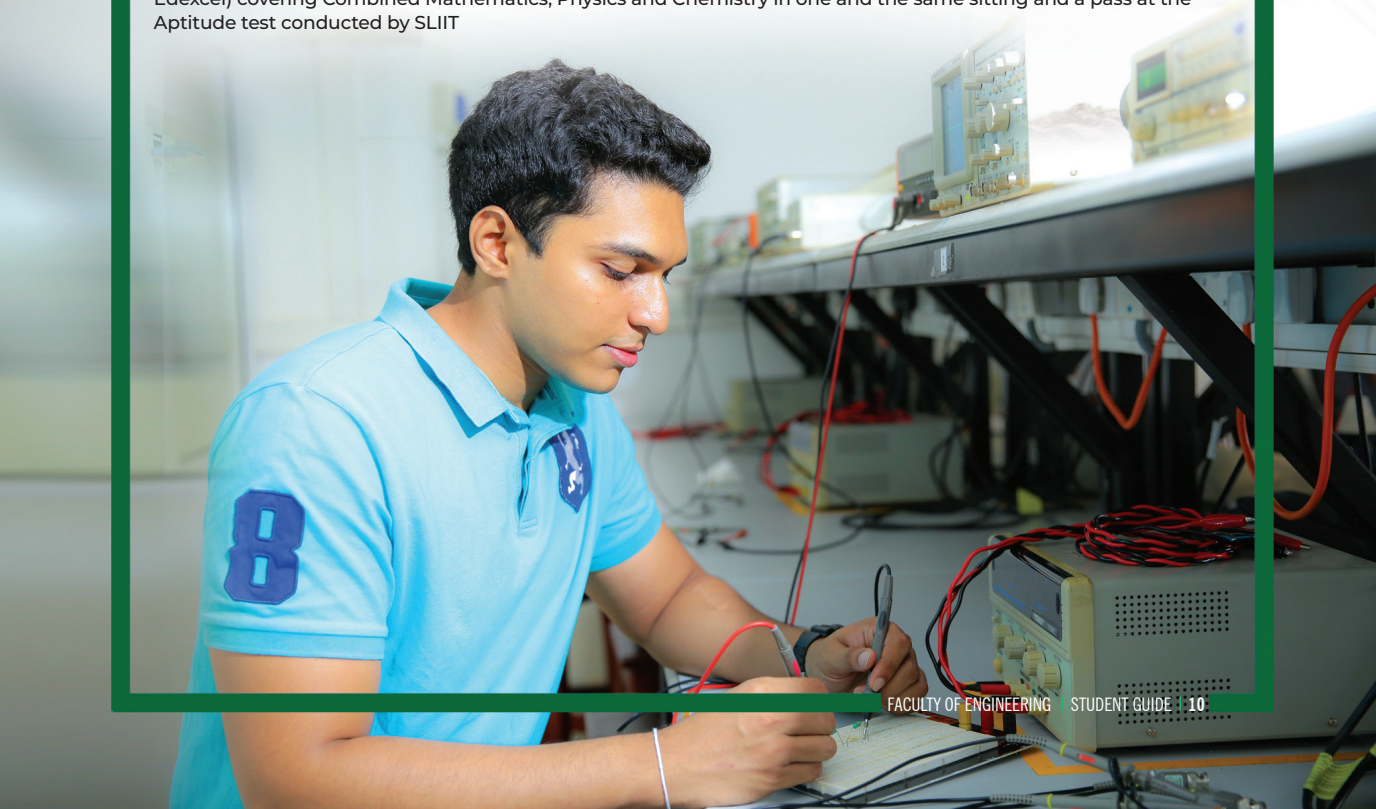
STUDENTS MAY ALSO USE THE FINAL YEAR TO PURSUE SPECIALISED OPTIONS IN:

- Electronic Engineering (EN)
- Communications Engineering (CE)
- Electrical Engineering (EE)
- Computer Systems Engineering (CS)
- Network Engineering (NE)

Students also undergo a compulsory 24 weeks industrial training at the end of their 2nd and 3rd years respectively, split into 12 weeks each.

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



YEAR ONE

SEMESTER 01

CE1011	Engineering Mechanics	04
ME1010	Engineering Design & Processes	04
EC1021	Electrical Systems	03
MA1302	Engineering Mathematics I	03
EL1202	English Language Skills I	03
CE1912	Introduction to Sustainable Engineering	02

SEMESTER 02

ME1030	Engineering Skills Development	03
ME1040	Engineering Principles & Communication	04
MT1010	Engineering Materials	04
MA1312	Engineering Mathematics II	03
EC1441	Engineering Programming	03
EL1212	English Language Skills II	02

YEAR TWO

SEMESTER 01

CE2721	Fluid Mechanics and Thermodynamics	04
EC2092	Foundation of Digital Design	03
EC2202	Electrical Circuits	03
EC2492	Object Oriented Programming	03
EC2131	Microcomputers	03
MA 2302	Engineering Mathematics III	03

SEMESTER 02

EC2122	Electronic Fundamentals	03
EC2112	Signals and Systems	03
EC2212	Electromagnetic and Electromechanical Energy Conversion	03
EC2730	Data Structures and Algorithms	03
EC2482	Introduction to Controls and Robotics	03
EC2402	Computer Networks	03
	Humanities I	
	Industrial Training Part 1	
EC2921	Industrial Training I	

YEAR THREE

SEMESTER 01

EC3612	Communication Engineering I	03
EC3502	Control Systems	03
EC3061	Design Project I	03
3 ELECTIVE MODULES FROM THE FOLLOWING *		
EC3012	Electronic Design	03
EC3212	Power Systems Analysis	03
EC3202	Engineering Electromagnetics	03
EC3462	Embedded Systems Engineering I	03
EC3472	Digital Multimedia Content	03
EC3482	Foundations in Computer Engineering	03
EC3232	Electrical Installations	03
EC 3702	Real Time Operating System	03
EC3042	Physical and Optoelectronics	03

SEMESTER 02

EC3071	Design Project II	03
ME3081	Engineering Management	03
EC3522	Data Communication and Networking	03
3 ELECTIVE MODULES FROM THE FOLLOWING *		
EC3102	Advanced Digital Design	03
EC3022	Radio Frequency and Microwave Electronics	03
EC3032	Power Electronics	03
EC3242	Power Systems Protection	03
EC3192	Electrical Machines and Stability	03
EC3532	Advanced Control Systems	03
EC3622	Communication Engineering II	03
EC3641	Digital Access Systems	03
EC3712	Embedded Software Engineering	03
EC3722	Information Security	03
EC3540	Computing for Engineers	03
	Humanities II	
INDUSTRIAL TRAINING PART 2		
EC3901	Industrial Training II	

YEAR FOUR

SEMESTER 01

EC4040	Electronic Engineering Project	04
EC4901	Legal Framework & Sustainability in Electrical Engineering	02
3 ELECTIVE MODULES FROM THE FOLLOWING *		
EC4012	Power Electronics & Drives	03
EC4202	Electrical Utility Engineering	03
EC4421	Network Design & Performance Evaluation	03
EC4432	Embedded Systems Engineering II	03
EC4441	Advanced Computer Architecture	03
EC4632	Communication Signal Processing	03
EC4642	Optical Communications	03
EC4651	Next Generation Networks	03
EC4661	Radio Frequency & Microwave Systems	03
EC4702	Models of Computations	03
ME4111	Industrial Management & Marketing	03

SEMESTER 02

EC4040	Electronic Engineering Project	04
4 ELECTIVE MODULES FROM THE FOLLOWING *		
EC4462	Computer Structures	03
EC4031	Medical Electronics	03
EC4212	Electrical Power Transmission &Distribution	03
EC4231	Electromagnetic Propagation	03
EC4552	Digital Signal Processing	03
EC4241	Introduction to Smart Grid Control	03
EC4471	Information Theory & Error Control Coding	03
EC4482	Computer Vision & Image Processing	03
EC4492	Neural & Fuzzy Systems	03
EC4502	Instrumentation & Control	03
EC4511	Industrial Automation & Process Control	03
EC4522	Network Management & Security	03
EC4531	Internet Technologies	03
EC4541	Distributed Computing	03
EC4672	Wireless Communications	03
EC4252	Renewable Energy Systems	03

** Electives to be chosen with the prior approval of the Acadamic Department*

MATERIALS ENGINEERING

Materials Engineers are the vanguards of discovering the best material solutions for products. From designing the perfect combination of components for an aeroplane wing to developing materials for medical implants, they build the foundations of new technology and groundbreaking progress.

Mechanical Design Specialisation
There is a growing demand for materials engineers who can design products making the best use of materials. The Mechanical Design specialisation is aimed at producing materials engineers who are also equipped with design skills

CAREER OPPORTUNITIES

- Materials Engineer
- Polymer Engineer
- Composite Engineer
- Materials Processing Engineer
- Failure Analysis Engineer
- Corrosion Engineer
- Materials Performance Engineer
- Metallurgist
- Ceramic Engineer
- Materials Development Engineer
- Research and Development Engineer
- Quality Assurance Engineer
- Semiconductor Processing Engineer

STUDENTS MAY ALSO USE THE FINAL YEAR TO PURSUE SPECIALISED OPTIONS IN:

- Advanced Engineering Materials
- Magnetic Materials
- Energy Materials
- Electronic Materials
- Materials modelling
- High Temperature Materials
- Bio – Materials

Students undergo a compulsory industrial training programme of 6-month duration at the end of their 2nd & 3rd years respectively, split into 3 months each.

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

YEAR ONE

SEMESTER 01

CE1011	Engineering Mechanics	04
ME1010	Engineering Design & Processes	04
EC1021	Electrical Systems	03
MA1302	Engineering Mathematics I	03
EL1202	English Language Skills I	03
CE1912	Introduction to Sustainable Engineering	02

SEMESTER 02

ME1030	Engineering Skills Development	03
ME1040	Engineering Principles & Communication	04
MT1010	Engineering Materials	04
MA1312	Engineering Mathematics II	03
EC1441	Engineering Programming	03
EL1212	English Language Skills II	02

YEAR TWO

SEMESTER 01

CE2721	Fluid Mechanics and Thermodynamics	04
ME2011	Mechanics of Solids I	03
MT2020	Metals & Alloys	03
MA2302	Engineering Mathematics III	03
*ME2021	Mechanics of Machines I	04
*MT2010	Material structure and defects	04

SEMESTER 02

ME2030	Manufacturing Processes I	03
MT2040	Ceramics Engineering	03
MT2060	Material Processing	03
MT2070	Material Characterisation Techniques	03
*ME2051	Mechanical Design I	03
*MT2050	Chemical thermodynamics and phase equilibria	04
CE3910	Humanities I	
MT2080	Industrial Training I	

YEAR THREE

SEMESTER 01

ME3031	Mechanics of Solids II	04
MT3010	Plastics & Rubber	03
ME3100	Manufacturing Processes II	03
MT3030	Construction & Building Materials	03
*ME3041	Mechanics of Machines II	04
*MT3020	Phase transformation and Kinetics	04
CE3910	Humanities II	

SEMESTER 02

MT3040	Corrosion Engineering	03
MT3050	Nanomaterials & Nanotechnology	03
ME3081	Engineering Management	03
ME3091	Law for Engineers	03
MT3070	Welding & Joining Processes	03
*ME3052	Mechanical Design II	03
*MT3060	Composite Materials	04
MT3080	Industrial Training II	

YEAR FOUR

SEMESTER 01

MT4010	Materials Engineering Project I	04
ME4111	Industrial Management & Marketing	03
	3 ELECTIVE MODULES FROM FOLLOWING:	
MT4030	Advanced Engineering Materials	03
MT4050	Materials Modelling	03
MT4060	Surface Engineering	03
MT4070	Magnetic Materials	03
ME4091	Energy Technology and Sustainability	03
*ME 4081	Computer-aided design and manufacture	03
*ME 4050	Computer-aided engineering	03

SEMESTER 02

MT4080	Materials Engineering Project II	04
MT4090	Material Application & Design	03
MT4100	Recycling & Sustainable Materials	03
	2 ELECTIVE MODULES FROM FOLLOWING:	
MT4110	High Temperature Materials	03
MT4120	Advanced Manufacturing Processes	03
MT4130	Energy Materials	03
MT4140	Bio-Materials	03
MT4150	Electronic Materials	03
*ME4160	Product Design	03
*ME4140	Design for Manufacture	03

**Electives to be chosen with the prior approval of the Acadamic Department*
**Available only for Materials Engineering with Mechanical Design option*
**Not available for Materials Engineering with Mechanical Design option*

MECHANICAL ENGINEERING

With strong focus on imparting theoretical knowledge and competency based education, the BSc Engineering (Hons) in Mechanical Engineering incorporates students to gain hands on experience in real life assignments, group projects and co-curricular activities. The students are to attend 6 months internship during their vacation as a partial fulfillment of their degree.

CAREER OPPORTUNITIES

- Computer Aided Design and Manufacturing
- Maintenance of Machinery and Equipment
- Industrial Engineering
- Thermal Engineering
- Automobile Engineering
- Control System Engineering

- Mechanical Engineering is a pioneering and broadest field of Engineering and presently diversified into several specialities.
- The Mechanical Engineering undergraduate degree typically begins with basic introductory Engineering courses.
- Once students begin to focus on their major they can expect to find courses in design, manufacturing, mechanics, thermodynamics, and materials.
- Graduates of a Mechanical Engineering program will have both academic and lab experience with projects in the various disciplines that apply directly to Mechanical 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

YEAR ONE

SEMESTER 01

CE1011	Engineering Mechanics	04
ME1010	Engineering Design & Processes	04
EC1021	Electrical Systems	03
MA1302	Engineering Mathematics I	03
EL1202	English Language Skills I	03
CE1912	Introduction to Sustainable Engineering	02

SEMESTER 02

ME1030	Engineering Skills Development	03
ME1040	Engineering Principles & Communication	04
MT1010	Engineering Materials	04
MA1312	Engineering Mathematics II	03
EC1441	Engineering Programming	03
EL1212	English Language Skills II	02

YEAR TWO

SEMESTER 01

ME2011	Mechanics of Solids I	03
CE2712	Fluid Mechanics I	04
ME2021	Mechanics of Machines I	04
ME2031	Engineering Drawing	04
MA2302	Engineering Mathematics III	03

SEMESTER 02

ME2041	Thermodynamics	03
ME2051	Mechanical Design I	03
ME2100	Manufacturing Processes I	03
ME2170	Electrical Plant	03
ME2081	Engineering Sustainable Development Humanities I	03
INDUSTRIAL TRAINING PART 1		
ME2911	Industrial Training I	

YEAR THREE

SEMESTER 01

ME3011	Thermal Engineering Processes	03
ME3100	Manufacturing Processes II	03
ME3031	Mechanics of Solids II	04
ME3041	Mechanics of Machines II Humanities II	04

SEMESTER 02

ME3052	Mechanical Design II	03
ME3061	Fluid Flow Modelling	03
ME3020	Automatic Control I	03
ME3640	Mechatronics Systems	03
ME3081	Engineering Management	03
ME3091	Law for Engineers	03
INDUSTRIAL TRAINING PART 2		
ME3911	Industrial Training II	

YEAR FOUR

SEMESTER 01

ME4010	Mechanical Engineering Project I	04
ME4071	Production and Operations Management	03
ME4111	Industrial Management and Marketing	03
3 ELECTIVE MODULES FROM THE FOLLOWING:		
ME4021	Advanced Engineering Materials	03
ME4030	Vibration	03
ME4050	Computer Aided Engineering	03
ME4081	Computer Aided Design and Manufacture	03
ME4091	Energy Technology and Sustainability	03
ME4101	Refrigeration and Air Conditioning	03

SEMESTER 02

ME4120	Mechanical Engineering Project II	04
ME4131	Professional Practice	03
ME4181	Industrial Engineering	03
3 ELECTIVE MODULES FROM THE FOLLOWING:		
ME4140	Design for Manufacturing	03
ME4150	Automatic Control II	03
ME4160	Product Design	03
ME4170	Noise	03
ME4190	Advanced Manufacturing Processes	03
ME4201	Energy Conservation & Management	03
ME4210	Fluid Power Systems and Machinery	03
ME4220	Automotive Engineering	03

** Electives to be chosen with the prior approval of the Acadamic Department*

MECHANICAL ENGINEERING
(MECHATRONICS SPECIALISATION)

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.

CAREER OPPORTUNITIES

- Industrial Automation
- Robotics
- Electronics Industry
- Development of Smart Products
- Maintenance of Machinery and Equipment
- 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

YEAR ONE

SEMESTER 01

CE1011	Engineering Mechanics	04
ME1010	Engineering Design and Processes	04
EC1021	Electrical Systems	03
MA1302	Engineering Mathematics I	03
EL1202	English Language Skills I	02
CE1912	Introduction to Sustainable Engineering	02

SEMESTER 02

ME1030	Engineering Skills Development	03
ME1040	Engineering Principles and Communication	04
MT1010	Materials Engineering	04
MA1312	Engineering Mathematics II	03
EC1441	Engineering Programming	03
EL1212	English Language Skills II	02

YEAR TWO

SEMESTER 01

EC2092	Foundations of Digital Design	03
ME2021	Mechanics of Machines I	04
EC2202	Electrical Circuits	03
ME2680	Computer Aided Drawing	03
MA2302	Engineering Mathematics III	03
ME2610	Mechatronics Design Project I	03

SEMESTER 02

ME2510	Electronics for Mechatronic Engineers	03
ME2541	Mechatronic Systems Engineering	03
ME2041	Thermodynamics	03
EC2212	Electromagnetic and Electromechanical Energy Conversion	03
ME2620	Manufacturing Technology	03
ME2650	Mechatronics Design Project II	03
	Humanities I	
	Industrial Training I	

YEAR THREE

SEMESTER 01

ME3520	Embedded Systems Engineering	03
ME3620	Control Systems	03
ME3660	Computer Aided Design and Manufacture	03
ME3531	Solid Mechanics and Mechanical Design	03
ME3110	Fluid Mechanics and Hydraulic Machinery	03
ME3580	Automation Systems	03
	Humanities II	

SEMESTER 02

EC3032	Power Electronics	03
EC3102	Advanced Digital Design	03
ME3081	Engineering Management	03
ME3091	Law for Engineers	03
ME3571	Mechatronic Systems Modelling	03
ME3610	Design of Mechatronic Systems	
ME3911	Industrial Training II	

YEAR FOUR

SEMESTER 01

ME4560	Mechatronic Engineering Project I	04
ME4521	Advanced Automation Systems	03
ME4071	Production and Operations Management	03
ME4111	Industrial Management and Marketing	03
EC4012	Power Electronics and Drives	03
ME 4541	Robotics and Autonomous Systems	03
ME 4630	Artificial Intelligence and Machine Learning	03
ME 4650	Industrial Machine Vision	03
EC4432	Embedded Systems Engineering II	03
ME4091	Energy Technology and Sustainability	03

SEMESTER 02

ME4590	Mechatronic Engineering Project II	04
ME4181	Industrial Engineering	03
ME4131	Professional Practice	03
EC4482	Computer Vision and Image Processing	03
ME4150	Automatic Control II	03
ME 4550	Object Oreinted programming for Mechatronics Engineers	03
ME4220	Automotive Engineering	03
ME4670	Advanced Topics in Mechatronics Engineering	03
ME4570	Micro-Mechatronics	03

** Electives to be chosen with the prior approval of the Acadamic Department*

QUANTITY SURVEYING

The study programme will cover subject areas ranging from measurement, estimating and costing, cost management, contract administration, project management and quantity surveying practice. The teaching staff consist of experienced academic and professional Quantity Surveyors, Engineers, and other highcalibre subject specialists. The LJMU degree in Quantity Surveying, will open up many other professional avenues for graduates. This degree will also allow entry to Masters programmes in areas such as Contracts and Negotiation, Procurement Advising and Consultation, Arbitration, Cost Controlling, Cost Planning and Project Management.

CAREER OPPORTUNITIES

The Quantity Surveying programme being nested at the Faculty of Engineering of SLIIT, offer students a unique chance to collaborate with other professionals involved in the construction field such as Engineers and Architects, for an overall understanding of the building process and project experience.

Duration	**:**	**3 Years**
Entry	**:**	**January / June**
Location	**:**	**Malabe**
Offshore	**:**	**Weekdays / Weekend**
Examinations	**:**	**Weekdays / Weekend**

ENTRY REQUIREMENTS

- 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

YEAR ONE

SEMESTER 01

QS1511	Construction Technology 1	04
QS1521	Science and Material	04
MA1101	Mathematics for Quantity Surveyors	02
QS1910	Communication Skills I	02
QS1451	Construction Drawing	03

SEMESTER 02

QS1811	Introduction to Law	04
QS1121	Measurement and Costing	04
QS1920	Communicati on Skills II	02
QS1711	Management Theory and Practice	04
QS1490	IT Application for Quantity Surveying II	04

YEAR TWO

SEMESTER 01

QS 2531	Construction Technology 2	04
QS 2721	Construction Project Management	04
QS 2550	Land Surveying	02
QS 2111	Advanced Measurement and Contract Administration	04

SEMESTER 02

QS 2211	Construction Procurement	04
QS2311	Collaborative Interdisciplinary Project 2	02
QS2411	Research Methods	03
QS2441	Specification Writing	02
QS 2821	Construction Contract Law	04
QS2940	Industrial Training I	05

YEAR THREE

SEMESTER 01

6537 BESL	Contract and Procurement Strategies	20
6539 BESL	Project Economics and Management	20
6536 BESL	Advanced Quantity surveying Project	10

SEMESTER 02

6535 BESL	Research Project	30
6538 BESL	Engineering Measurement	20
6540 BESL	Business Management and Entrepreneurship	20

** Electives to be chosen with the prior approval of the Acadamic Department*

INTERNATIONAL DEGREE PROGRAMMES TO COMPLETE AT SLIIT

SLIIT | Curtin University

BEng (Hons) CIVIL & CONSTRUCTION ENGINEERING

CRICOS CODE: 072467B

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.

BEng (Hons) ELECTRICAL & ELECTRONIC ENGINEERINGING

CRICOS CODE: 072467B

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.

BEng (Hons) MECHANICAL ENGINEERING

CRICOS CODE: 072467B

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.

BEng (Hons) MECHATRONIC ENGINEERING

CRICOS CODE: 072467B

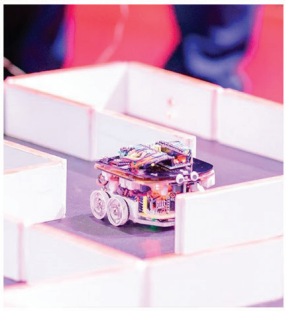
Mechatronics is the synergistic integration of mechanics, electronics and computer engineering towards developing automated products and systems. Through mechatronics students gain a specialized knowledge on robotics, industrial automation, sensors, instrumentation, control systems and artificial intelligence. With the ever-increasing reach of robotics and autonomous systems, mechatronic engineers are found in diverse industries including aerospace, agriculture, mining and energy resources.

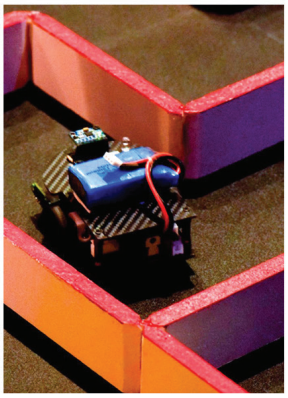
Rapid advances in automation applications – such as self-driving cars, automated mining applications etc – are driving an increased need for mechatronic engineers for their expertise in mechanical, electronics and computer systems engineering.
As a mechatronics engineering student, you will develop sound theoretical knowledge in the key disciplines of mechanics, electronics, computer systems and control. You'll apply this knowledge and develop practical skills through a series of projects on topics including robotics, automation, industrial automation and machine control.

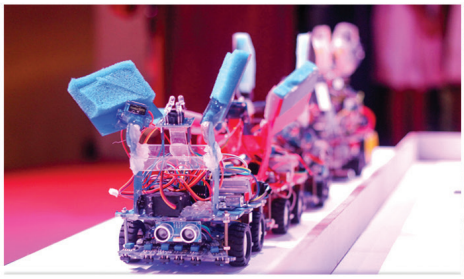
ROBOFEST

ROBOFEST is the annual robotic competition which involves one of the most important academic aspects of the Department of Electrical and Electronic Engineering of Sri Lanka Institute of Information Technology. The main goal of SLIIT ROBOFEST is to inspire and give the future minds the opportunity in designing, building and adapting to the new technologies with the advancements and evolutions of the world of robotics enhancing their theoretical and practical knowledge.
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.

Having more than 130 school registrations and more than 50 university registrations for the last year's competition reflected the interest of the young inventors as well as the enthusiasm of the industrial personnel towards the world of robotics during the past few years. This year, the department of Electrical and Electronic Engineering of Faculty of Engineering of SLIIT proudly organizes the Robofest 2020 for the 11th consecutive year, with standards of an international level competition.
Similar to the years before, ROBOFEST 2020 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.







FACULTY OF ENGINEERING UNIQUE SELLING PROPOSITIONS

- Well-experienced, highly-qualified, full-time academic staff including 4 Professors & 28 lecturers with PhDs
- State-of-the-art laboratory and studio facilities in-house to conduct all undergraduate degree programs
- Well funded research program with permission to grant postgraduate research degrees leading upto MPhil and PhD
- Transition to university life through the Engineering First Year unit (EFY)
- Curricula prepared in line with the Outcome Based Education (OBE) system, targeting local and foreign accreditations of degrees
- Curricula also developed in consultation with relevant industries to produce more finely-tuned graduates suited to both local and foreign landscapes
- Received accreditation by Engineers Australia (EA) for Curtin degrees
- Awaiting RICS accreditation of the QS degree program
- Well-rounded graduates with industry exposure during the degree through industrial training, industry visits, individual and group research and design projects
- Engineers graduate with essential skills in addition to engineering skills
- Cultivating leadership, communication skills, teamwork and ethics through various projects and extracurricular activities such as SLIIT's Got Talent, Young Engineering Expo Esala Pandol, RoboFest, etc.

CAREER OPPORTUNITIES INCLUDE

- Civil Engineers, Highway Engineers and Environmental Engineers in design, construction and planning
- Electrical and Electronics Engineers in Computer Systems Engineering, Electrical Engineering, and Robotics & Automation
- Mechanical and Mechatronics engineers in design, fabrication and operations
- Materials engineers in design, manufacturing and Nano-materials
- Quantity Surveyors
- Managerial positions

HEADS OF DEPARTMENTS

DR. NIHAL SOMARATNA

HEAD, DEPARTMENT OF CIVIL ENGINEERING
BSc. Eng (PERADENIYA), MS (ILLINOIS), PhD (ILLINOIS), MIESL, CEng.

DR. NIMSIRI ABHAYASINGHE

HEAD, DEPARTMENT OF ELECTRICAL AND ELECTRONIC ENGINEERING
BSc. Eng (MORATUWA), MSc (MORATUWA), PhD (CURTIN), MIEEE

DR. W. K. WIMALSIRI

HEAD, DEPARTMENT OF MECHANICAL ENGINEERING
BSc. Eng (MORATUWA), PhD (UK), MIESL, CEng, CMarEng, FIMarEst

DR. MUDITH KARUNARATNE

HEAD, DEPARTMENT OF MATERIALS ENGINEERING
BSc. Eng (Moratuwa), PhD (Cambridge)

MR. TILANKA WIJESINGHE

HEAD, DEPARTMENT OF QUANTITY SURVEYING
BSc.(Hons) QS, PG Dip. (Proj. Mgt.), A.I.Q.S.SL

ACADEMIC STAFF

PROF. SAMAN THILAKASIRI	BSc Eng (Hons) (Moratuwa), MSc (Lond, UK), PhD (USF, USA), C.Eng, FIE(SL)	PROFESSOR & DEAN/ENGINEERING
DR. NIHAL SOMARATNA	BSc Eng (Hons) (Peradeniya), MSc, PhD (Illinois, USA), C.Eng, MIE (SL)	SENIOR LECTURER (HG) & HEAD/CE
DR. NIMSIRI ABHAYASINGHE	BSc Eng (Hons) (Moratuwa), MSc (Moratuwa), PhD (Curtin, Australia)	SENIOR LECTURER (HG) & HEAD/ECE
DR. WALALLAWITA WIMALSIRI	BSc Eng (Hons) (Moratuwa), PhD (Newcastle,UK), MIE(SL), C.Eng, CMarEng, FIMarEST	SENIOR LECTURER (HG) & HEAD/ME
DR. MUDITH KARUNARATNE	BSc Eng (Hons) (Moratuwa), PhD (Cambridge, UK)	SENIOR LECTURER (HG) & HEAD/MATE
MR. TILANKA WIJESINGHE	BSc.(Hons) QS, PG Dip. (Proj. Mgt.), A.I.Q.S.SL	SENIOR LECTURER (HG) & HEAD/QS
PROF. CHANDANA PERERA	BSc Eng (Hons) (Moratuwa), MEng (AIT, Thailand), DEng (AIT, Thailand), C.Eng, MIE (SL)	PROFESSOR
PROF. M.P RANAWEERA	BSc Eng (Hons) (Ceylon), PhD (Cambridge)	PROFESSOR (VISITING)
PROF. M.A.R.V FERNANDO	BSc Eng (Hons) (Ceylon), PhD (BRNO)	PROFESSOR/ CONSULTANT
DR. SHIROMI KARUNARATNE	BSc Eng (Hons) (Moratuwa), MEng, PhD (Saitama, Japan), C.Eng, MIE(SL)	SENIOR LECTURER (HG)
DR. CHULANTHA KULASEKERE	BSc Eng (Hons) (Moratuwa), MSc (Miami, USA) PhD (Miami, USA), C. Eng, MIE(SL), MIEEE	SENIOR LECTURER (HG)
DR. ROHANA THILAKUMARA	BSc Eng (Hons) (Moratuwa), PhD (Bristol, Uk)	SENIOR LECTURER (HG)
DR. NIRANGA AMARASINGHA	BSc Eng (Hons) (Moratuwa), MSc (TU, Thailand) , PhD (KSU, USA)	SENIOR LECTURER (HG)
DR. AYANTHA GOMES	BSc Eng (Hons) (Moratuwa), MSc (Moratuwa), PhD (Saitama, Japan), C. Eng, MIE (SL)	SENIOR LECTURER (HG)
DR. LASANTHA SENAVIRATNE	BEng (Hons) (QMUL, UK), PhD (QMUL,UK)	SENIOR LECTURER (HG)
DR. GOBITHAS THARMARAJAH	BSc Eng (Hons) (Moratuwa), PhD (QUB, UK)	SENIOR LECTURER (HG)
DR. SAMANTHA WIJEWARDANA	BSc Eng (Hons)(Hons)(Hons) (Moratuwa), MEng (Moratuwa), PhD (South Florida, USA)	SENIOR LECTURER (HG)
DR. MALIKA PERERA	BSc Eng (Hons) (Moratuwa), PhD (Loughborough,UK)	SENIOR LECTURER (HG)
DR. MIGARA LIYANAGE	BSc Eng (Hons) (Peradeniya), MEng (AIT, Thailand), PhD (Memorial, Canada)	SENIOR LECTURER (HG)
DR. JANAKA PERERA	BSc Eng (Hons) (Moratuwa), MPhil (Moratuwa), PhD (Saitama, Japan)	SENIOR LECTURER (HG)
DR. SHAYANI MENDIS	BSc Eng (Hons) (Ruhuna), PhD (UNSW, Australia)	SENIOR LECTURER (HG)

DR. UPAKA RATHNAYAKE	BSc Eng (Hons) (Peradeniya), MEng (Hokkaido, Japan) PhD (Strathclyde, UK), PG Diploma (Hokkaido, Japan)	SENIOR LECTURER (HG)
DR. VASANTHA WICKRAMASINGHE	BSc Eng (Hons) (Peradeniya), MEng (Hokkaido, JAPAN), PhD (Hokkaido, JAPAN), AMIESL	SENIOR LECTURER (HG)
DR. SUJEEWA HETTIWATTE	BSc Eng (Hons) (Moratuwa), MEng (Moratuwa), PhD (Manchester, UK), MIEEE	SENIOR LECTURER (HG)
DR. MINHUA DING	BSc Eng, MSc Eng (Beijing, China), PhD (Queen's, Canada)	SENIOR LECTURER (HG)
DR. ASIRI KULATHUNGA	BSc Eng (Hons) (Moratuwa), PhD (NTU, Singapore)	SENIOR LECTURER (HG)
DR. THILINI RAJAKARUNA	BSc Eng (Hons) (Peradeniya), PhD (Surrey, UK)	SENIOR LECTURER (HG)
MR. NISHAN DE SILVA	BSc Eng (University of Kentucky, USA), MSc (University of Massachusetts, USA)	SENIOR LECTURER
MR. H. D. S. THIMOTHIES	BSc Eng (Hons) (Moratuwa), MSc Eng (Moratuwa), CEng, MAIL	SENIOR LECTURER
MS. GAYASHIKA FERNANDO	BSc Eng (Hons)(Peradeniya), MEng (Moratuwa)	SENIOR LECTURER
MR. MADHAWA HERATH	BSc Eng (Hons)(Moratuwa), MBA (PIM J'Pura), PMP (PMI USA), C.Eng., MIEEE, MIET	SENIOR LECTURER
MR. KUMUDU GAMAGE	BSc Eng (Hons) (Peradeniya), MSc (NTU, Singapore)	SENIOR LECTURER
MS. VAJIRA EDIRISINGHE	BSc in Civil Eng (KDU), MSc in Civil and Structural Eng (KDU)	SENIOR LECTURER
MR. P. COOMASARU	PGD (Colombo), MBS (Colombo)	LECTURER
MS. K.A.N. GUNARATHNA	BSc (Moratuwa),MA(Colombo)	LECTURER
DR. LAKMINI MALASINGHE	MEng (Hons) (Nottingham, UK), MSc (Moratuwa, Sri Lanka) PhD (West of Scotland, UK), AMIESL	LECTURER
MR. NIRANGA SILVA	BSc Eng (Hons) (Moratuwa), MEng (Moratuwa)	LECTURER
MR. PRABHATH BUDDHIKA	BSc Eng (Hons)(Moratuwa), MSc (Moratuwa)	LECTURER
MR. CHARITH SUCHARITHARATHNA	BSc (Hons) (SLIIT), MSc (SHU, UK)	LECTURER
MS. SACHINI KANDAWALA	BSc (Hons) (SLIIT), MSc (SLIIT)	LECTURER
MR. PRAMUDITHA COOMASARU	IQSSL, PGD (Colombo), MBS (Colombo)	LECTURER
MS. NISHANTHI GUNARATHANA	BSc (Hons) (Moratuwa), MA Financial Economics (Colombo)	LECTURER
MS. CHAMARI ALLIS	BSc QS (Hons) (Moratuwa), AIQSSL	LECTURER
MS. MALITHI SAMARAJEEWA	ADPM (NIBM), Dip in Commercial Arbitration (ICLP), Reading Masters (UOM), AIQSSL	LECTURER

BSc HONOURS GRADES & REQUIREMENTS

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 score 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
A	4.00	80 - 89
A-	3.70	75 - 79
B+	3.30	70 - 74
B	3.00	65 - 69
B-	2.70	60 - 64
C+	2.30	55 - 59
C	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)

FACULTY	Y1	Y2	Y3	Y4
FOC	0	20%	30%	50%
FOB	10%	20%	30%	40%
FOE				

WHAT'S 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

"The Institute reserves to itself the right to effect, at any time during the course of programmes, amendments to the curriculum of its programmes to meet emerging needs of the industry/business and/or in response to the requirements of professional and accreditation bodies."

- **SLIIT MALABE CAMPUS**
  New Kandy Road,
  Malabe.

  Tel : +94 11 754 4801
  Fax : +94 11 241 3901

- **SLIIT METROPOLITAN CAMPUS**
  BoC Merchant Tower
  #28, St Michael's Road,
  Colombo 03.

  Tel : +94 11 754 4802
  Fax : +94 11 230 1906

- **SLIIT MATARA CENTRE**
  No. 24, E.H.Cooray Building,
  Anagarika Dharmapala Mawatha,
  Matara.

  Tel : +94 41 754 4501
  Fax : +94 41 222 1048

- **SLIIT KANDY CENTRE**
  No 670/1/1A,
  Peradeniya Road,
  Kandy.

  Tel : +94 81 720 4204
  Tel : +94 81 238 7888

- **SLIIT KURUNEGALA CENTRE**
  No 76,
  Mihidu Mawatha,
  Kurunegala.

  Tel : +94 37 720 4204

- **SLIIT JAFFNA CENTRE**
  No 330,
  Stanley Road,
  Jaffna.

  Tel : +94 21 720 0406
  Fax : +94 21 720 0407

011 754 4801

www.sliit.lk info@sliit.lk

SLIIT

Discover Your Future