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Ministry of Telecommunication, Foreign Employment and Sports

Sri Lanka Telecom

SCHOOL OF IT AND COMPUTING

SCHOOL OF TECHNOLOGY

SCHOOL OF MUSIC

SCHOOL OF ENGINEERING

BUSINESS SCHOOL

SLTC

SRI LANKA TECHNOLOGICAL CAMPUS
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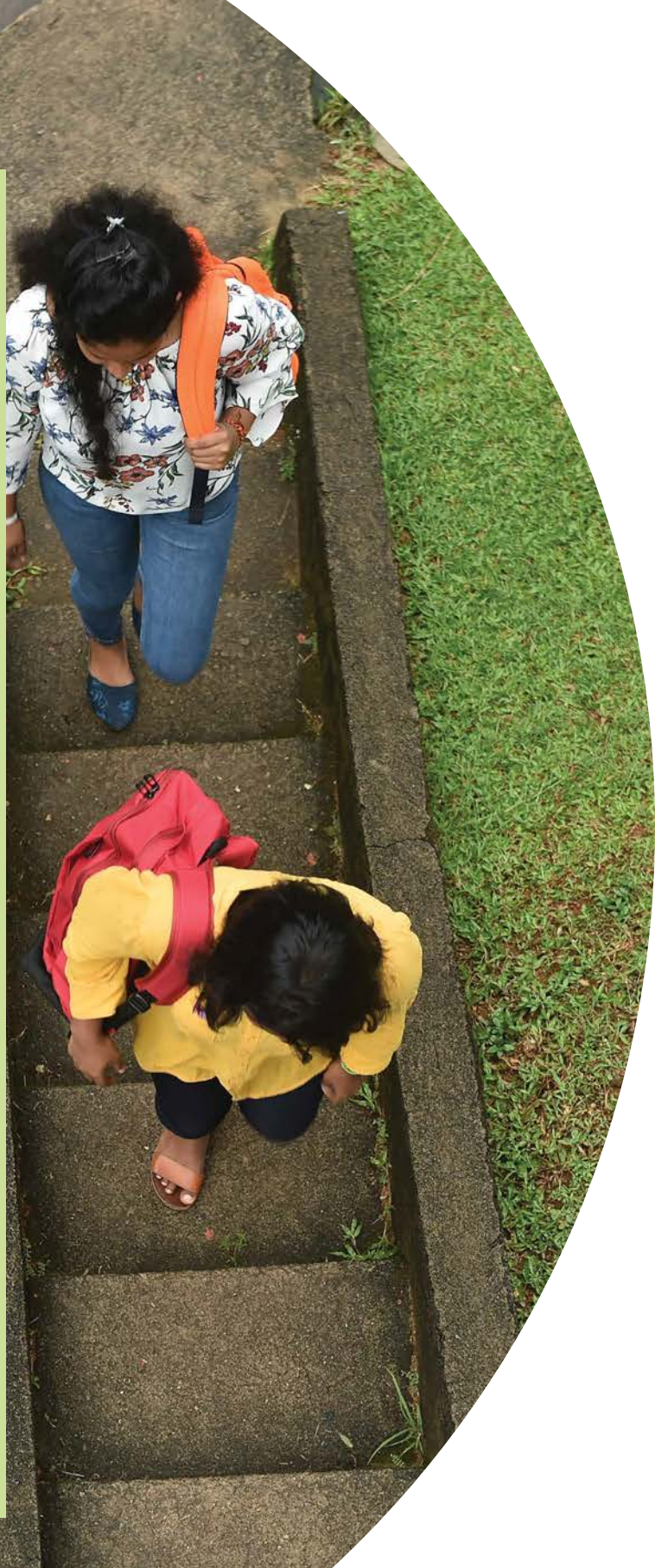இலங்கை தொழில்நுட்ப பல்கலைக்கழகம்

2019

We're Global

34 Disciplines
in the fields of Engineering, Technology, Management, IT & Computing and Music

We're Experienced and **Research-Based...**

ENTECH
Sri Lanka's First Merit Based Youth Excellence Scholarship

GUIDE

WELCOME TO SLTC

Our University is modern and forward thinking, bound but not limited by tradition. We're quick to adopt the latest developments in teaching and research, to create a truly cutting edge university. We strive to be the *"centre of excellence for the development of full student potential for the benefit of Sri Lanka and the rest of the world."* Our primary aim is to produce readily employable graduates who are skilled to take on a career of their choice and flourish in it.

Located in the iconic satellite earth station; a sprawling 35 acre premises of serene greenery of the Padukka Campus ,the SLTC provides its students the ideal study environment.The state of the art laboratories, spacious classrooms, on campus residences, sports and recreational facilities and the lush green surroundings set the most scenic atmosphere for the students to learn, connect and live what would be the most memorable years of their lives enjoying the best facilities a campus has to offer.

Sri Lanka Technological Campus (SLTC) is the only corporate powered, research based, fully residential University in the Country and is a fully owned subsidiary of Sri Lanka Telecom PLC.

GOVERNMENT AFFILIATED	CORPORATE POWERED	ACCREDITED	RECOGNIZED	RESEARCH ORIENTED	ON CAMPUS ACCOMMODATION	FACULTY PAR EXCELLENCE
Ministry of Telecommunication, Foreign Employment and Sports	Sri Lanka Telecom	Ministry of Higher Education	University Grants Commission (UGC)	ORIS	SLTC Hub	Outcome-Based Education Problem-Based Learning

WHY SLTC

| Passion for Education | Workforce Ready Graduates
| Scholarships | Residential

We're Accredited & Recognized

We curate our degree programmes to meet all academic standards required by the Ministry of Higher Education for its accreditation and the University Grants Commission (UGC) recognition. We follow the guidelines set out by the Washington Accord for Engineering degrees and the Sydney Accord for Technology degree curriculums.

All our degree programmes are in accordance with the Sri Lanka Quality Framework.

Most of our degree programmes are equal and parallel to programmes offered by a multitude of globally ranked universities which enable hassle-free student transfers to such universities.

We Enable You to Live the Complete University Experience

We are residential. Being the only corporate powered residential University in the country, SLTC gives the best of both worlds to its students within a busy urban vibe surrounded by a great parkland and sporting facilities within the campus compound.

We're collegiate. SLTC is the only University in Sri Lanka to operate a college structure. Students are organized into colleges because we believe this is the best way to support students, to help them make friends outside their academic work and to create an exciting social scene. SLTC has a socially diverse student population; therefore whatever the student's background maybe, they'll feel at home with us.

We are Career Oriented

Therefore we have enhanced our curriculum with practical activities to ensure that the students improve their interpersonal skills, social skills, communication skills and other soft skills necessary to make a well-rounded graduate.

Each programme includes mandatory internship modules which need to be completed in order to be eligible for graduation. Pathways we offer cater to specific industries and capturing current and future requirements to enhance employability right after graduation.

We're Global...

We're well connected.

SLTC maintains a large number of global research and academic partnerships with universities from USA, Ireland, New Zealand, Australia and UK. One of our partners, University of Lancaster is ranked amongst the top 10 universities in the UK.

We're affiliated to world class universities.

The 2+2 programme allows our undergraduates to read the first two years of their degree at SLTC and graduate from a global university by transferring to one of our partner universities to read the final two years of the programme. We facilitate transfer programmes to renowned foreign universities such as Lancaster University in the United Kingdom, Deakin University Australia, RMIT Australia and Vietnam, Lincoln University New Zealand and University of Auckland New Zealand.

We maintain research partnerships with Trinity College Dublin, Ireland, Texas Tech University and Georgia Institute of Technology of USA.

We're Experienced and Research-Based...

Eminent panel of lecturers

Many of our academic staff hold PhDs from leading universities in the world and are committed to bring about excellence in teaching and research at SLTC.

World class research

Being a research based university we're the only non-state university in Sri Lanka that conducts research with world renowned universities such as Princeton University, USA. Our panel of lecturers are very well versed in research and engages in Problem Based Learning which enhances the student's engagement in research and innovation.
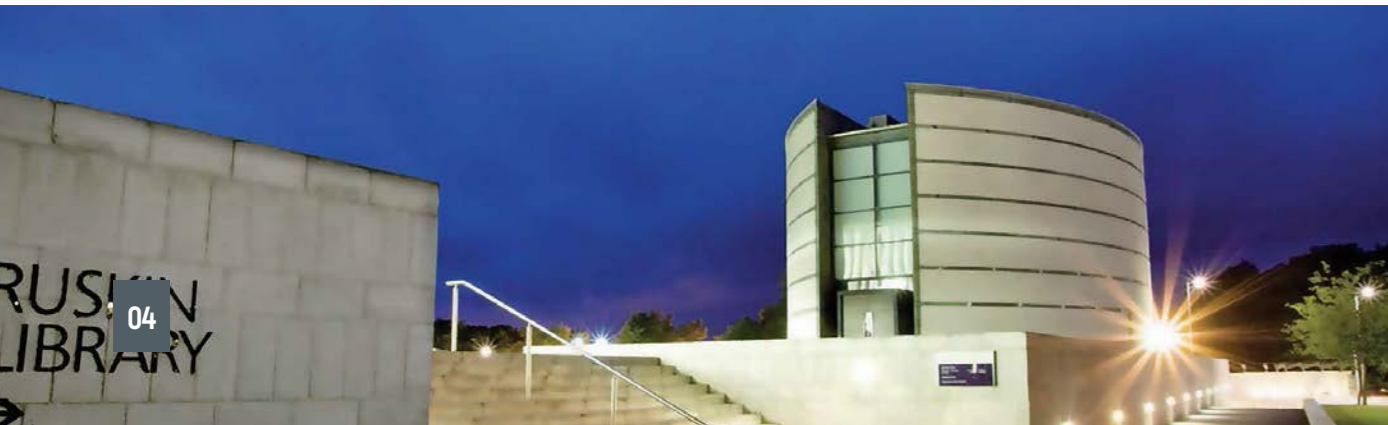
We make Higher Education possible for all

We present convenient options for financing the best educational opportunities. Our students are offered an array of options enabling them to have the best education they deserve without the burden of finding financial support.

ENTECH Merit Based Youth Scholarship

In 2017, Sri Lanka Technological Campus (SLTC) introduced ENTECH; Sri Lanka's first merit based youth scholarship scheme with the intention of encouraging academically motivated students by providing them better access to an exceptional education and undergraduate experience. This opportunity is open to students who have excelled at the Advanced Level examinations, from any state or non-state school in the country.

ENTECH
YOUTH EXCELLENCE SCHOLARSHIP

Collateral Free Loan Schemes

For the first time in Sri Lanka SLTC undergraduates have the option of financing their own education by the means of a unique collateral free loan scheme offered by the National Development Bank (NDB), which is payable over a period of 8 years.

We also offer several instalment schemes that covers not only the tuition fee but also accommodation and other resource expenses.

We Recognize Talent

We believe that success comes with passion and that passion should be rewarded.

In addition to our academic scholarships we offer a number of other scholarship opportunities for students who have excelled in sports, performing arts, leadership roles and scientific innovation. In addition to recognising academic merit SLTC also rewards achievements in sports and other extracurricular activities in our potential and existing undergraduates.

THE SLTC IDENTITY

Defining the identity of a university that is ever so evolving, built by a living breathing community that is forever growing is a daunting challenge.

We produce knowledge to spearhead human progression

We nurture the Global Sri Lankan

We are young and dynamic Mature and prudent

We are bound by tradition Embracing the best the world has to offer

We are fierce and determined Empathetic and patient

We are untiring and persistent

We are Relentless

LIVING ON CAMPUS

The SLTC is situated in the scenic premises of the previous iconic Satellite Earth station located on a sprawling 35 acre land in Meepe, Padukka Sri Lanka. The luscious green surroundings and the peaceful ambience makes it an ideal location for both research and study.

We are also proud to be able to lay claim to some of the most modern and comfortable student housing in the country. Complete with all amenities and 24 hour security the SLTC residential facilities provides the students with a home away from home, among their friends.

Accessible by both public and personal transportation, the students can regularly take the university shuttles to travel up to Colombo on the Highlevel road to suit their requirements.

SLTC COMMUNITY

A Living Breathing Growing Community

Starting out as an undergraduate can be both daunting and exciting.

After 13 years of schooling, for most of you it could be the first time in a long time that you are expected to start studying in a class full of complete strangers.

For some of you this might even be the first time you are going to be living away from home and your loved ones. You will be expected to get to know your classmates, ask help from your seniors, make friends and build ties that will last a lifetime.

The four years you spend at university are also the most important years of your life. It will prepare you for further interaction in the academia, a thriving career, wonderful relationships and life itself.

We at SLTC will be our best to help you not only survive but make the best out of these four years.
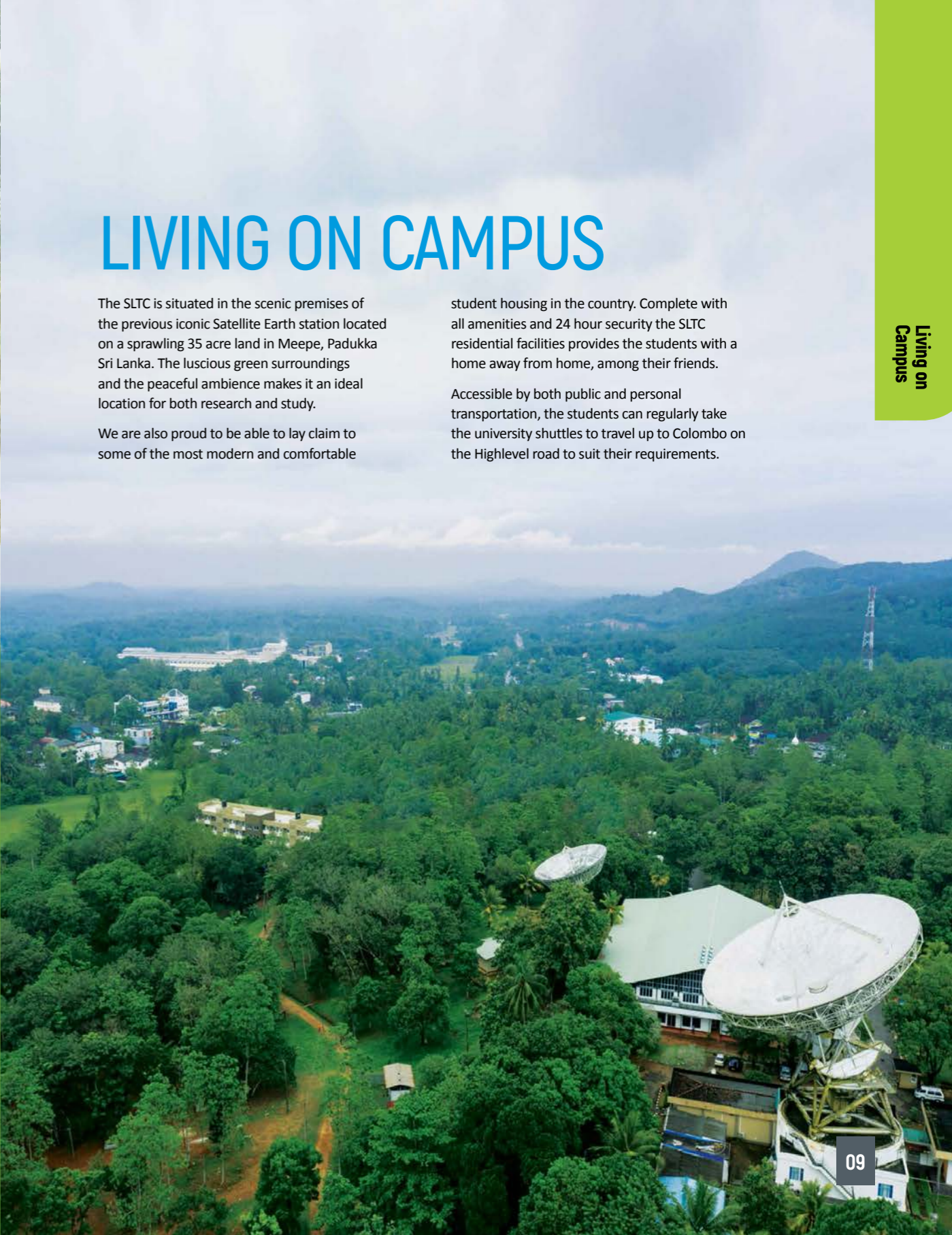
WHAT IS HUB

HUB is SLTC's official accommodation services introduced to provide a complete university experience to all its residents. SLTC believes that an undergraduate living on campus is presented with a variety of opportunities ranging from access to academic and research facilities, engage in sports and recreational activities and build lifelong friendships with fellow undergraduates.

The HUB signifies the opening of the first ever on-campus student accommodation of this nature, built at a corporate backed higher educational institute, in Sri Lanka. From its inception SLTC has strived to provide a holistic university experience to all its undergraduates and this residential facility can contribute greatly towards achieving this goal.

In addition to fully furnished rooms study spaces and a multi-purpose areas, the building offers attractive facilities to all its residents.

At the Hub the students will be presented with the options of sharing the dormitory with one roommate or three room mates, based on which the rooms and space allocated will differ. Every room is furnished with a bed, table, chair and wardrobe. All residents have access to common kitchens, community rooms and washrooms on every floor.

We highly recommend that all our undergraduates live on campus as it will help them experience all aspects of a holistic university life and build relationships that will last a lifetime.

Everything you need right on campus

Accomodation

Library

IT Facilities

Sports & Recreation

Entertainment

Dining

Health Care

Laundry

Supermarket

Living off Campus

Some of our students prefer to travel from home or live off campus, either on or off campus accommodation facilitated by the university or arranged on their own.

The students living off campus accommodation facilitated by the SLTC will be provided transportation to and from the campus every morning and afternoon. The same security and other monitoring mechanisms that are under operation in the on campus housing are applicable to the residences outside campus premises maintained by SLTC.

The Locality

The campus is surrounded by a beautiful suburban locality where the people go about their business at a much slower and satisfied pace than you would see in the capital. However it has all the facilities any town would require, including a few local banks, supermarkets , hospitals, temples, a church and a mosque and mostly importantly for an ever growing community, restaurants of various scales that serve both local and international cuisine.

Students can also easily access the Homagama town for further amenities. The campus is two and a half hour ride from the Bandaranaike International Airport and its about an hour and a half ride from the campus to the centre of Colombo.

Colombo

Colombo is the colourful and buzzling capital of Sri Lanka serving as the centre for a range of commercial and administrative activities and also entertainment and socialising.

Its accessible from campus via several routes most convenient depending on the morning and evening traffic.

From upscale designer outlets to the bargain stalls in Pettah, fine dining to authentic sri lankan street food, music festivals to cricket matches on the Galleface green , International Banks to various local financial institutions Colombo has got it all.

It is our aim and mission to make your stay at SLTC as comfortable, enriching and memorable as possible.

INTERNATIONAL STUDENTS

We welcome you with the same warm hospitality that Sri Lanka has been known for centuries.

You will be an integral part of our community as any student and be guided and supported throughout your journey, from registration to graduation.

Once you have applied online or through one of our agents you will be directed to our international office who will then assist you through the selection , registration and the visa process.

You will be required to take an aptitude test followed by an interview conducted online subsequent to which you will be informed if you have been offered a seat for the particular academic year.

Once you have been offered admission, it is a matter of processing the paperwork to register you as an internal student which will be carried out by the registrar's office. You will be notified of the documents required to be presented for the processing by the same.

All our international students have guaranteed reservation to our student housing with all modern amenities.

You can choose the basis of sharing and arrange for your accommodation accordingly.

You will be assigned a mentor who will guide you and support you with both academic and living arrangements throughout your orientation.

All international students will have to undergo an intensive language program during orientation that includes English (for those who have not done their secondary education in the medium of English) and basics to local languages.

As a student, your stay at SLTC will be enriched by its surroundings as much as by what you'd encounter within the campus.

STUDYING AT SLTC
Your future begins here

Did you know?

34 Disciplines

We have three schools that offer 34 disciplines in the fields of Engineering, Technology and Management

In 2020 SLTC will be adding a fourth and a fifth school for IT & Computing and Music

All of our students undergo a mandatory period of industrial training placed locally and internationally

We provide stellar opportunities for students who are keen in research

We aim to develop YOU…

Studying for a degree at SLTC is about much more than gaining in-depth knowledge of the subject matter. We also make it a priority to make sure that we produce readily employable graduates. We focus on giving you the skills required to succeed in the workplace for further study. In addition to helping you develop practical skills like leadership and teamwork, our philosophy is to encourage independent learning and self-reliance. Our staff are committed to excellence in teaching and research and will be there to support every aspect of your progression, through lectures, tutorials, one-to-one meetings and through online resources.

What do we mean by a readily-employable graduate?

By the end of their degree programme we expect our students to be able to set objectives, do the necessary preparation and research and carry a task through from conception to delivery.

What do we offer?

Apart from the professionally curated academic curriculum, we aim to provide all our undergraduates with:

- A stated number of contact hours with teaching staff
- Timely feedback on your work
- mall seminar groups of up to 25 students
- Support to get further study
- Internship opportunities.

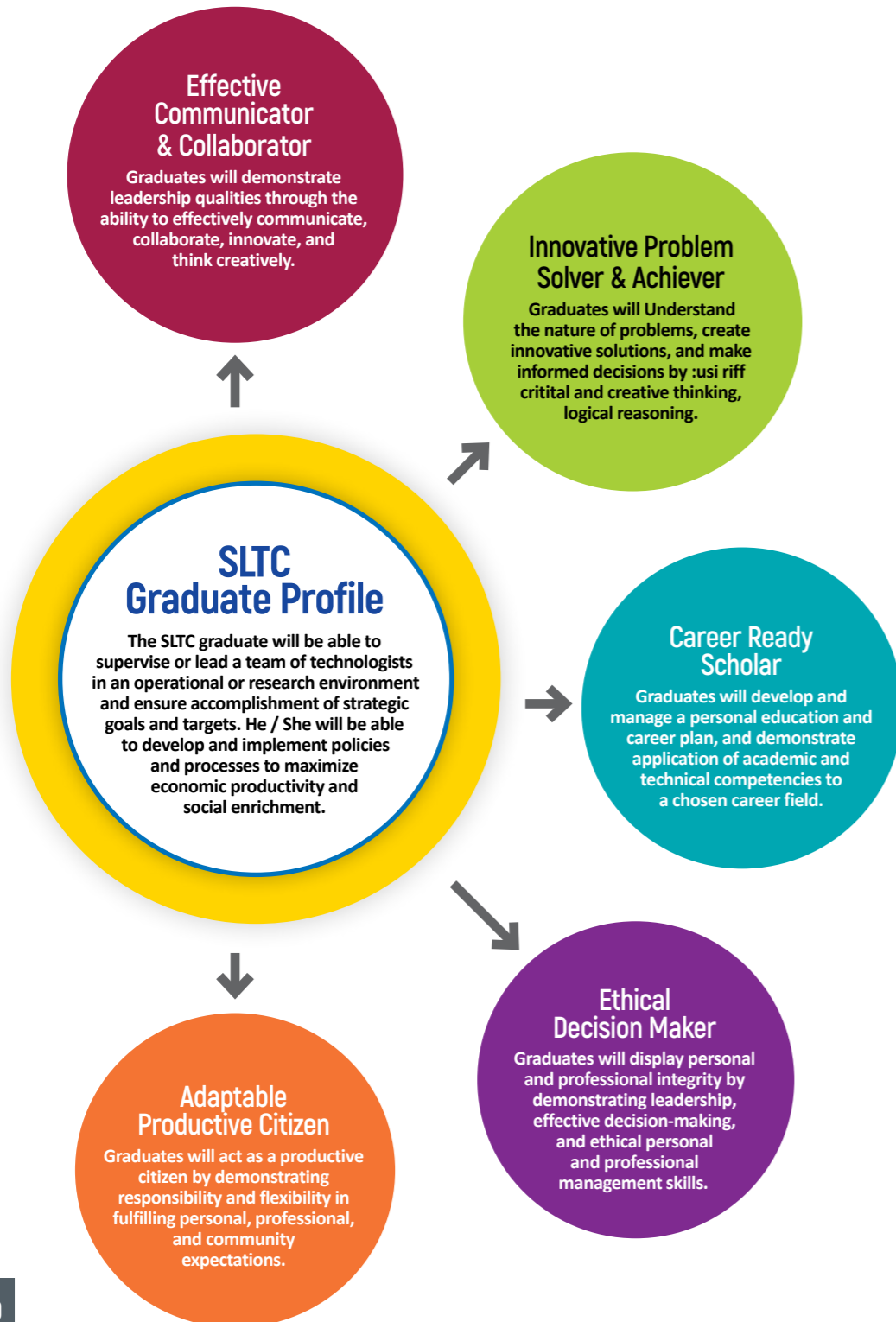**Throughout the course of the degree, students will be able to seek guidance from:**

- Course tutors
- Academic Mentors
- Student learning advisors

Methods of assignments:

- Essay Assignments
- Written Exams
- Group research projects
- Presentations
- Practical exams

Graduate Profile

Effective Communicator & Collaborator

Graduates will demonstrate leadership qualities through the ability to effectively communicate, collaborate, innovate, and think creatively.

Innovative Problem Solver & Achiever

Graduates will Understand the nature of problems, create innovative solutions, and make informed decisions by :usi riff critital and creative thinking, logical reasoning.

SLTC Graduate Profile

The SLTC graduate will be able to supervise or lead a team of technologists in an operational or research environment and ensure accomplishment of strategic goals and targets. He / She will be able to develop and implement policies and processes to maximize economic productivity and social enrichment.

Career Ready Scholar

Graduates will develop and manage a personal education and career plan, and demonstrate application of academic and technical competencies to a chosen career field.

Ethical Decision Maker

Graduates will display personal and professional integrity by demonstrating leadership, effective decision-making, and ethical personal and professional management skills.

Adaptable Productive Citizen

Graduates will act as a productive citizen by demonstrating responsibility and flexibility in fulfilling personal, professional, and community expectations.

Career Driven

A successful career for our students is our goal...

We work in collaboration with the top graduate recruiters of the country, industry specialists, high growth businesses and employers from many different sectors. From large corporate employers, and those in the public sector to creative, charity and third sector employers.

SLTC has implemented many services and facilities to ensure that the students are employed in their chosen fields and that they become successful and highly sought individuals in the industry.

Internships

Aimed at preparing you for the most challenging careers ;both at home and abroad, each of our degree programmes has a mandatory number of internship based credit hours that you are expected to complete. The university shall facilitate the internship placements ensuring that the students have been given the opportunity to reap the richest experiences during their internships.

Part time work...

We assist our students to find part-time work whilst a student and full-time employment upon graduation. Students are able to register themselves online on our candidates' pool and let us know what type of opportunity they're seeking.

These paid opportunities give our students the chance to develop their professional skills and get paid alongside their studies.

President's Awards

This award scheme helps to ensure that the students are recognized in a competitive graduate world. A high
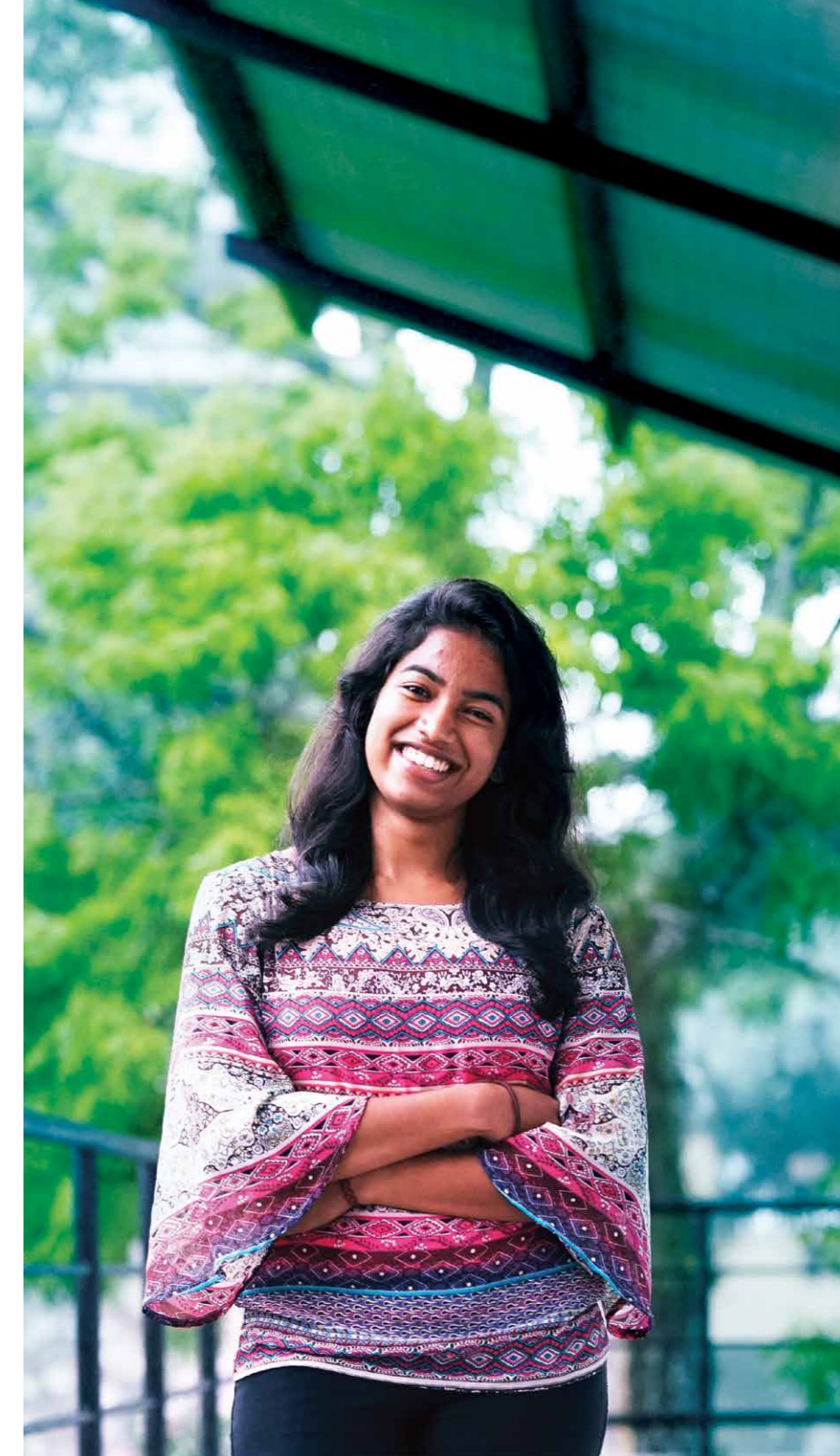
level of commitment and effort is necessary to earn the award which usually creates high competition.

This programme offers a range of options to build your portfolio making the award both accessible

and relevant to your needs.

Work experience

We know that many employers value experience just as much as high-quality qualifications, so our undergraduates have plenty of opportunities to step into the workplace during the degree.

Graduate support

We are dedicated to making your graduate experience a great one as well. To further this motive, we offer ongoing career support even after graduating, as long as the students need it.

Did you know?

The school setup to provide professional qualifications to students in addition to the degree programs. Students will have the opportunity to obtain internationally recognized qualifications in networking from CISCO and JUNIPER, project management from PMI, soft skills from University of Ubiquity in addition to their degree.

Career Guidance

To ensure that our students are guided correctly into their selected career paths, we have a dedicated, experienced and professionally-qualified careers team who work closely with academic colleagues to ensure that the skills necessary for a student to compete effectively for the opportunities they seek are very well developed.

We are to help our students:

· Identify and develop skills for employment or further study.
· Gain experience through our employment and recruitment service and award winning placements programme.
· Meet many employers and organizations through our events.

The services we offer include:

· A series of annual career fairs with the participation of different sectors
· Bespoke events and workshops for specific sectors.
· Career mentoring programmes
· Career planning workshops
· Courses in employability, enterprise skills and career management as part of your degree scheme.
· Targeted communications to inform students about graduate scheme and jobs; internships and work experience; and opportunity.

Employers

The range of employers we work with have all recognized the value of the student and graduate talent we offer. We organize events where by which we connect the employers and the students directly. Through all the programmes we provide plenty of opportunities to meet, learn and develop from those in business.

Lifetime support

We take the responsibility of a student's successful career very seriously. Recognizing that career progression is not always a straight line, we extend a lifetime support line to approach us with any career related issues.

Innovation and enterprise

Since our students are motivated by creating their own opportunities making an impact on society through social innovation projects or starting their own business, SLTC is always ready to offer help.

It is for the same purpose that the University Student Enterprise was established. Since we know that employers are looking for graduates who can balance the dynamic relationship between creativity and organization.

International Iindustrial Training

All SLTC students undergo a six month period of mandatory industrial training. A few of the best performing students are also provided with all expenses paid international industrial opportunities.

A.G.C. Lakmali - Naresuan University, Thailand

I'm currently studying in the vision lab at Naresuan university where I've been assigned to a project on Automatic Number Plate Recognition systems under Prof.Rattapoom. I'm currently studying about ANPR systems. My advisors and other staff members including Prof. Phisuit are being extremely helpful.In Naresuan, I have had the opportunity to experience new cultures, new foods and new society.This is a really good opportunity for us to develop our professional careers.
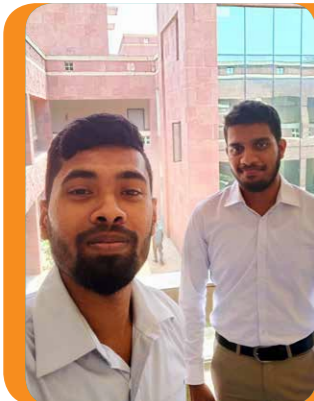
Benn Roshnan and Lakdinu Ekanayake, LNM Institute of Information Technology, India

We were selected for a Research based internship program on 'Analysis of NOMA assisted communication systems' at LNM Institute of Information Technology, Jaipur. Rajasthan. India. LNMIIT is one of the most attractive, well organized and disciplined universities in Jaipur: the city popular for food and tourism in India. The lecturers, staff and students, especially the PhD Scholars who we are working with are being very friendly and supportive towards our daily activities. They support us to understand complex theoretical concepts and aid in our assigned tasks such as simulations.

Junaideen Mohamed Hazny, Impel Motors (PVT) Ltd, India

I received the opportunity to complete my industrial training in India based on the student exchange programme between SLTC and RKU .I was chosen for this assignment based on my overall performance as an undergraduate and my university has sponsored for all the expenses including air tickets,visa,food & accommodation.I was assigned to Impel Motors (PVT) Ltd,one of the premium motor manufacturing companies in India for my training.It's been a great opportunity for me to learn new things and new technologies. It was also a new experience for me to engage with different cultures,people & food. I absolutely enjoy my days here. I heartily thank SLTC and every single person who has been supporting me throughout my stay in India.

RESEARCH
Research at SLTC

CRIS, ORIS, INSYS

Our faculty has been engaged in world class research with organizations around the world. The Office of Research and Innovation Services (ORIS) helps our academics and researchers to organize and manage their research projects with modern project management tools. ORIS employs a number of research assistants who spend majority of their time working with SLTC faculty on cutting edge research.
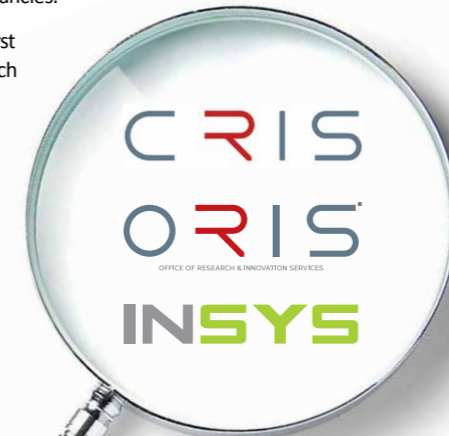
SLTC together with ORIS has established a larger collaborative platform called Center for Research and Innovation Services (CRIS) that feature researchers and research institutions from multi disciplinary backgrounds. Services that CRIS offer include funding, resources, commercialization of research, and industry consultancies.

ORIS organized its first International Research Symposium INSYS (Industrial Systems) in December 2017 that featured a prominent array of renown researchers along with the cutting edge research conducted at SLTC. The guest speakers included three IEEE fellows from US, UK, and Australia. An innovative product competition was held in parallel to INSYS that featured student projects from SLTC as well as other local universities.

ORIS has few active research projects that have immediate impact not only on Sri Lanka but globally as well.

In one such project, our researchers are working hand in hand with researchers from the United States Department of Agriculture on the effects of natural pest control using Bacillus thuringiensis (Bt) genes which produce proteins toxic to several insects including tobacco budworm, one of the most destructive pests in cotton and other crops. They are developing a cloud based data analytics platform with a set of algorithms that can be used not only on agricultural data but also on climate, financial, and customer data, for analysing patterns and to predict future trends.
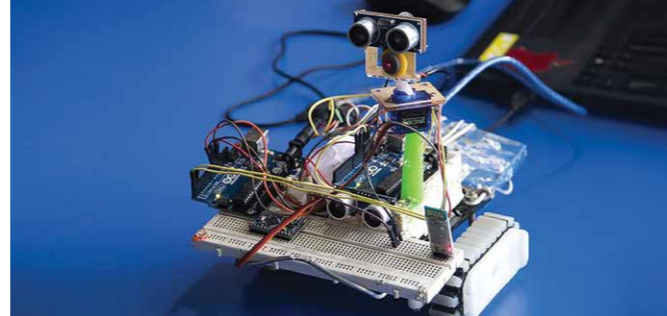
In another project, our academics are working with NASA scientists to develop a prediction tool for rainfall-triggered landslides. Precipitation data from the Global Precipitation Measurement (GPM) mission, antecedent soil moisture from the Soil Moisture Active Passive (SMAP) Mission, and model produced very high resolution soil moisture data for the pre-SMAP period are used in a probabilistic framework to assess the occurrence of rainfall-triggered landslides in Sri Lanka. Determining the time, location, and severity of natural disaster impacts is fundamental to formulating disaster mitigation strategies, and for appropriate and timely responses. The same NASA collaborative team is also working towards developing a drought monitor using near real time satellite derived data. These projects are of prime importance to the National Adaptation Plan for Climate Change Impacts in Sri Lanka (NAPCCI-SL).

Another group of researchers are working on developing control algorithms for Unmanned Aerial Vehicles (UAVs) that can fly avoiding obstacles between given destinations. These are applicable in disaster management situations, and aerial surveys.

In another project, a group of researchers are actively working on optimizing the electrical power grid to react smartly when renewable power sources are used under varying climate conditions. In a future world with high energy demand and less availability of fossil fuels, this project has an immediate impact on our lives.

Communication channels connecting nations and continents via optical

CRIS, ORIS, INSYS

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In one such project, our researchers are working hand in hand with

Geometric PID Control

Applications to
- Spherical robots • Bi-ped robots • Satellites

Scan Me

T.W.U. Madhushani, D.H.S. Maithripala, J.V. Wijayakulasooriya and J.M. Berg, "Semi-globally Exponential Trajectory Tracking for a Class of Spherical Robots", Automatica, vol. 57, September 2017

T.W.U. Madhushani, D.H.S. Maithripala, and J.M. Berg, "Feedback regularization and geometric PID control for trajectory tracking of mechanical systems: Hoop robots on an inclined plane," **2017 American Control Conference, Seattle**, WA, USA, May 24—26, 2017

W.M.L.T.Weerakoon, **T. W. U. Madhushani,** D.H.S.Maithripala and J.M.Berg, "Feedback Regularization and Geometric PID Control for Robust Stabilization of a Planar Three-link Hybrid Bipedal Walking Model", **2018 American Control Conference,** June 27 — 29, MW, USA
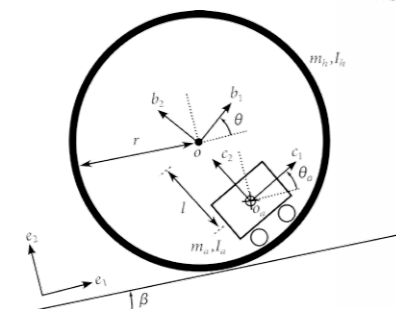
Hyperspectral Image Processing

A SEMI-SUPERVISED ALGORITHM TO MAP MAJOR VEGETATION ZONES USING SATELLITE HYPERSPECTRAL DATA, S. S. P. Vithana, V. Herath, 9th Workshop on Hyperspectral Image and Signal Processing: Evolution in Remote Sensing held from 23rd to 26th September 2018, Amsterdam, The Netherlands

Researcher : Ms. S. S. P. Vithana
Supervisors : Dr. V. Herath, Dr. R. Godaliyadda, Dr. P. Ekanayake
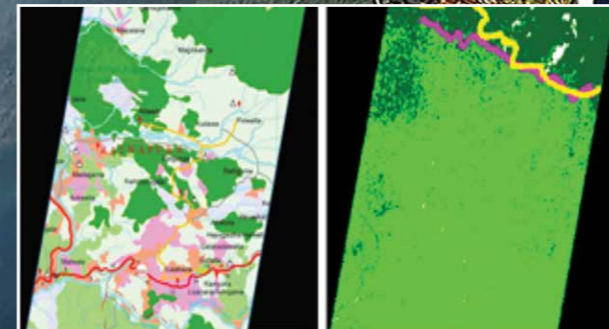
Comparison of the vegetation zones: Survey Dept Vs Algorithm

Probable locations of SIlmenite deposits - marked in white

Semi Automated Reversing of Articulated Vehicles
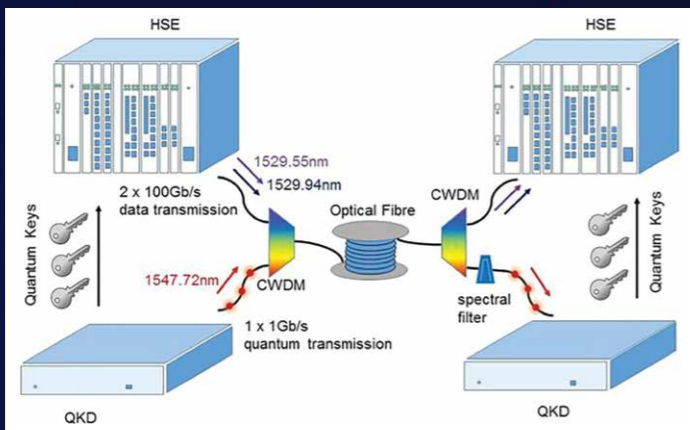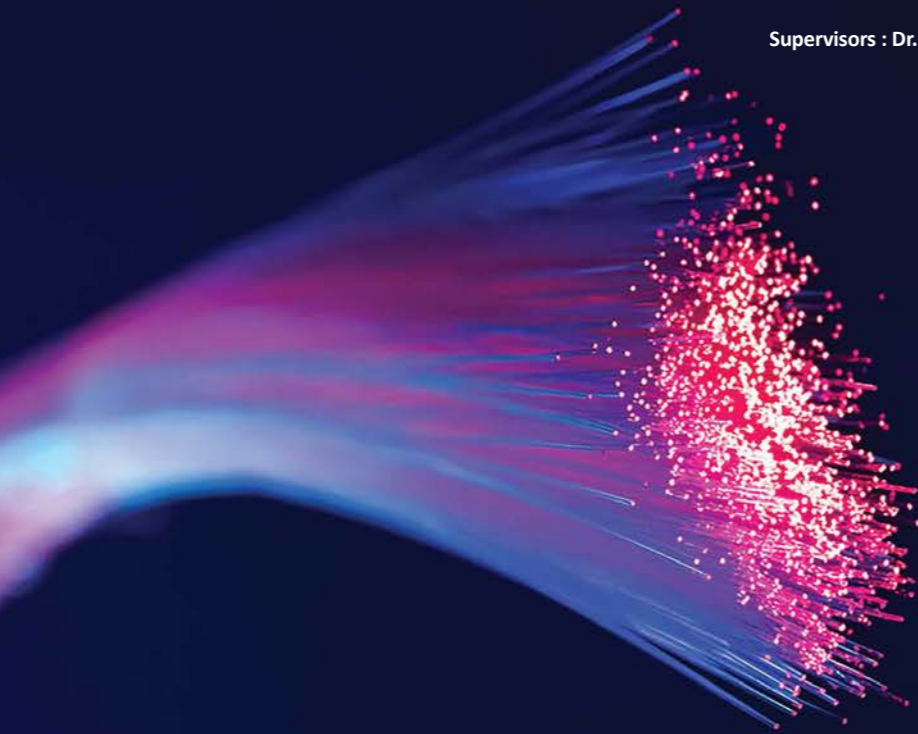
Researcher :
Mr. R.N. Ranaweera

Supervisors :
Prof. A.D. Polpitiya
Dr. D.H.S. Maithripala
Mr. S.K. Seneviratne

FIBRE OPTIC Research

- "A Survey on Digital Nonlinearity Compensation Techniques for Optical Fiber Communication Systems", I. Silva, S. Edirisinghe, and S. Dudley-McEvoy, IESL 112th Annual sessions, Transactions 2018

- " A Survey on Phase noise Compensation Techniques for Optical Fiber Communication Systems ", I. Silva, S. Edirisinghe, and S. Dudley-McEvoy, IESL 112th Annual sessions ,Transactions 2018

Researcher : Ms. I. Silva
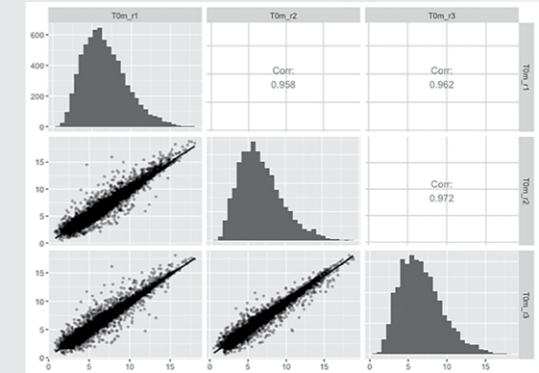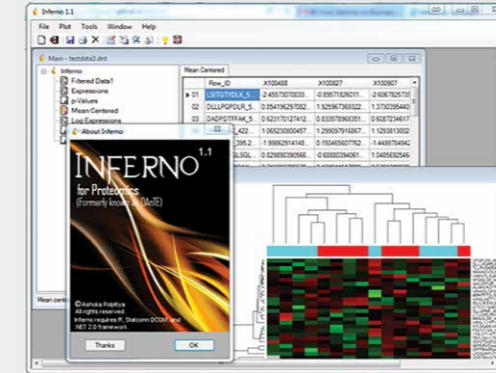Supervisors : Dr. S. Edirisinge, Prof. S. Dudley-McEvoy

Scan Me

Quantum Encryption Optical Communication
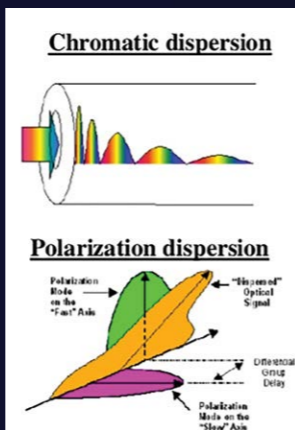
Measurement of Fibre Dispersion

Scale Free Network Interactions
in Heliothis virescens under Bt toxicity

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Supervisors : Prof Ashoka Polpitiya, Dr O. P. Perera
http://ashokapol.github.io/Inferno/

Optical Wireless Communication (OWC)

- OWC uses visible light range (380nm – 780nm) of the Electromagnetic spectrum.

- LED/Laser is used as the transmitter and a photodiode is used as the receiver.

- LED/Laser is intensity modulated (IM) according to the transmit signal and direct detection (DD) is used at the receiver.

Researcher :
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Supervised by :
Dr. Himal A. Suraweera
Dr. Roshan I. Godaliyadda
Dr. Vijitha R. Herath

A cooperative relay-assisted OWC system has been purposed to increase the robustness of the link under turbid conditions
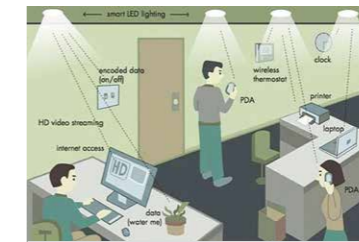
Indoor Broadcasting Systems
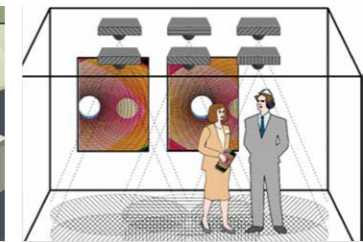
Indoor Localization
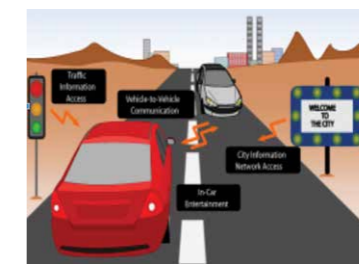
Smart Traffic Systems

Underwater Communication

Scan Me
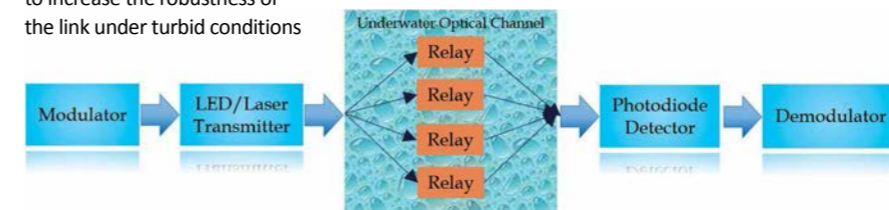
FACILITIES

Learning Facilities

Library

The library offers a unique experience to all our students. Apart from the extensive and ever expanding reading and reference material which include physical books, e-books and a wide range of other electronic and physical resources, the library enables comfortable study spaces which are equipped with the newest technology. Our students are thereby entitled to an incomparable learning experience which caters to their personal needs.

Information Technology Services Unit

This unit is an exclusive facility provided by SLTC which facilitates lecturer-student discussions in an out-of-class environment which is equipped with industry-standard software for conducting lectures. This IT laboratory can a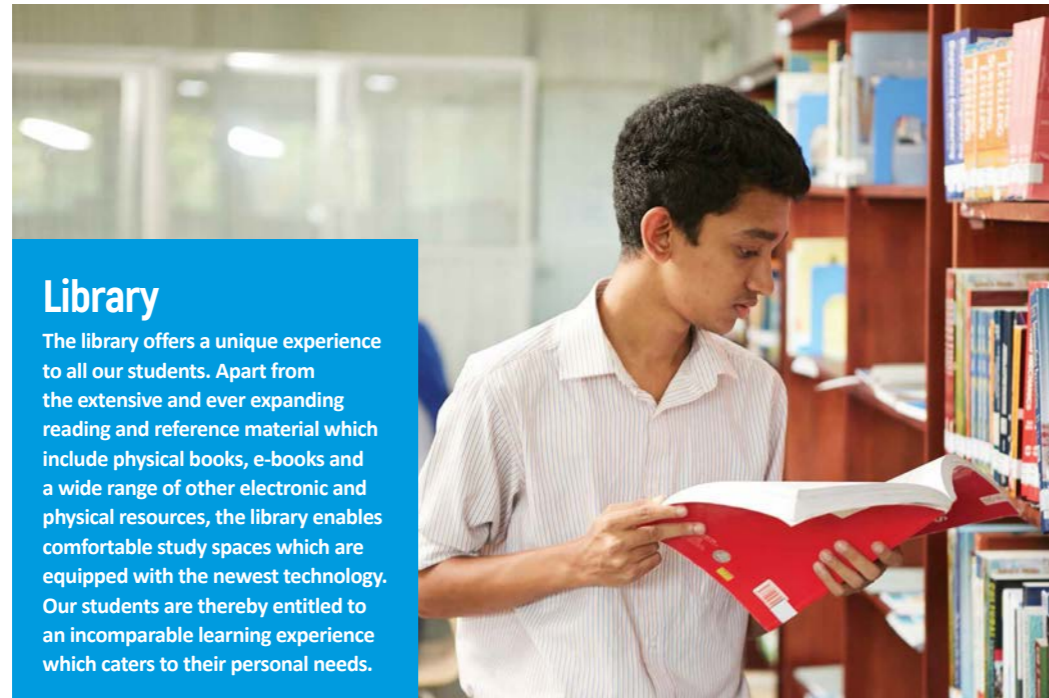ccommodate up to 30 students at a time and has an uninterrupted and seamless internet coverage for up to 300 con-current users.

The Classrooms
The Labs
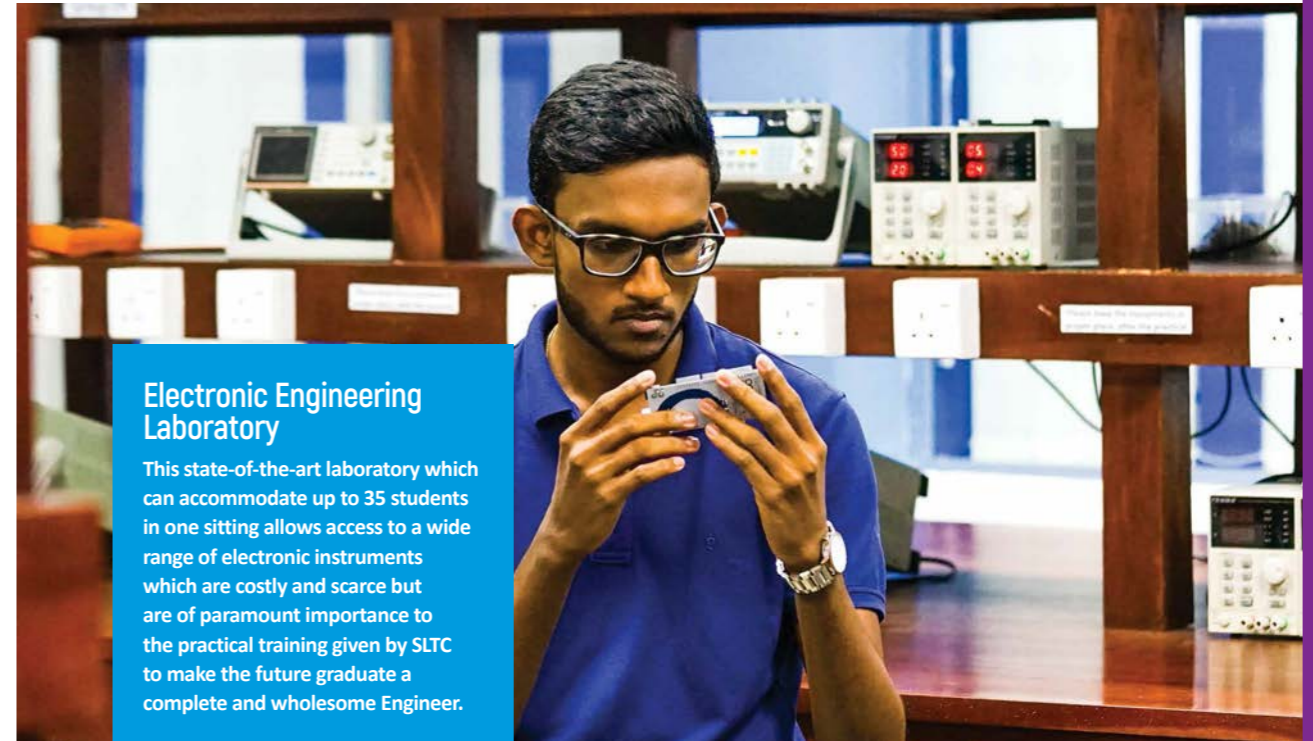
Electronic Engineering Laboratory

This state-of-the-art laboratory which can accommodate up to 35 students in one sitting allows access to a wide range of electronic instruments which are costly and scarce but are of paramount importance to the practical training given by SLTC to make the future graduate a complete and wholesome Engineer.
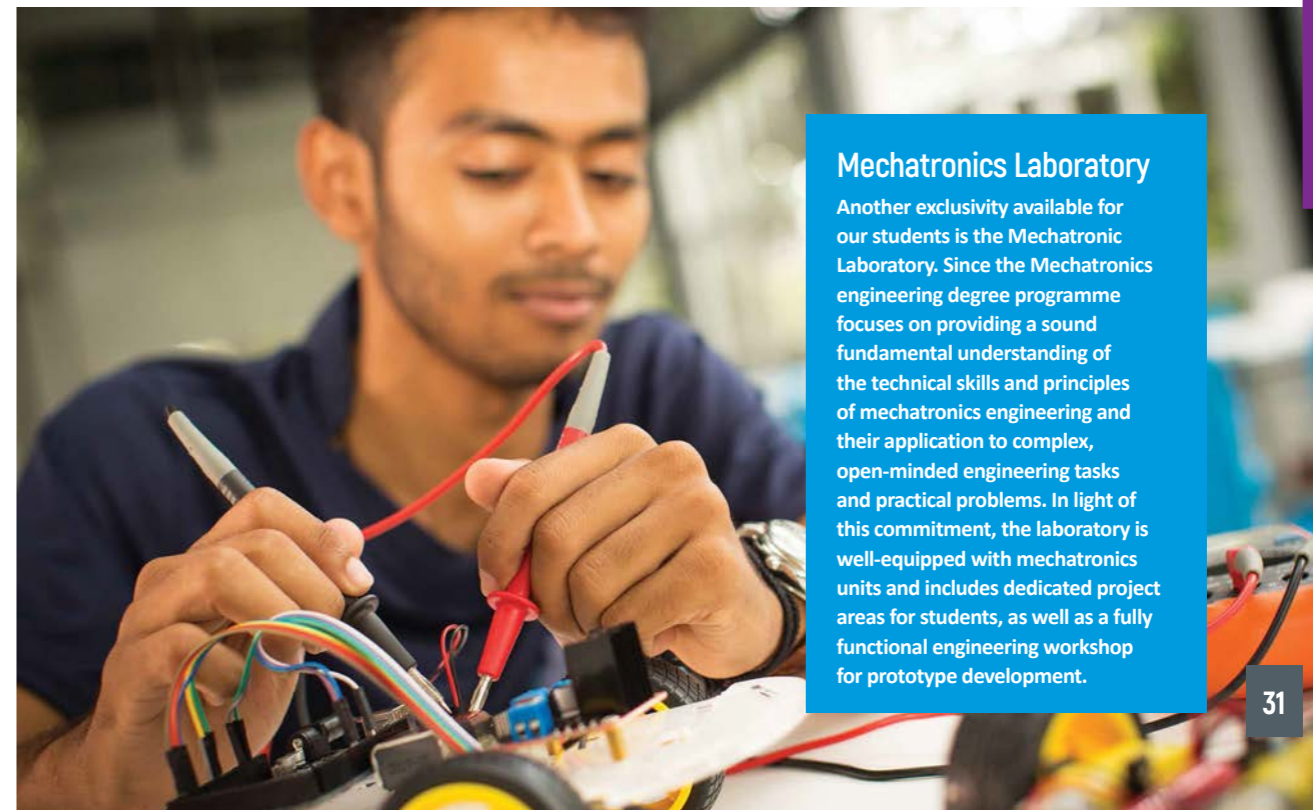
Mechatronics Laboratory

Another exclusivity available for our students is the Mechatronic Laboratory. Since the Mechatronics engineering degree programme focuses on providing a sound fundamental understanding of the technical skills and principles of mechatronics engineering and their application to complex, open-minded engineering tasks and practical problems. In light of this commitment, the laboratory is well-equipped with mechatronics units and includes dedicated project areas for students, as well as a fully functional engineering workshop for prototype development.

Tissue Culture Laboratory

The Tissue Culture Lab is a novel experience available exclusively to the students of SLTC which is used for in-vitro production of planting materials of high value crops and supplying them to growers at affordable prices. Currently, the lab is concentrating more on producing planting materials of high value orchids and anthuriums and also for the mass propagation of high demanding banana varieties.

Civil Engineering Laboratory

1. Materials Testing
2. Structural mechanics demonstration units
3. Hydraulics Engineering
4. Soil Mechanics and Geotechnical Engineering
5. Surveying

Telco Laboratory

SLTC boasts one of the most advanced telecommunication research laboratories in the country with a 3G and 4G equipment provided by ZTE and submarine fibre optic transmission equipment provided by Xtera communications and other leading companies worldwide. SLTC curriculum includes sessions for undergraduate students work with the equipment enriching their education. The research lab containing submarine amplifiers, over 200km various types of optical fibre, LASERS, optical transceivers providing a range of modulation formats operating at various data rates. SLTC research students use state of the art simulation tools such as VPI photonics, Matlab Simulink and National instruments Labview.

The 3G and 4G mobile core network consists of real transmission equipment configured to simulate various aspects of a mobile communication network. The lab is equipped with high speed network and spectrum analyzers.

Amphitheatre
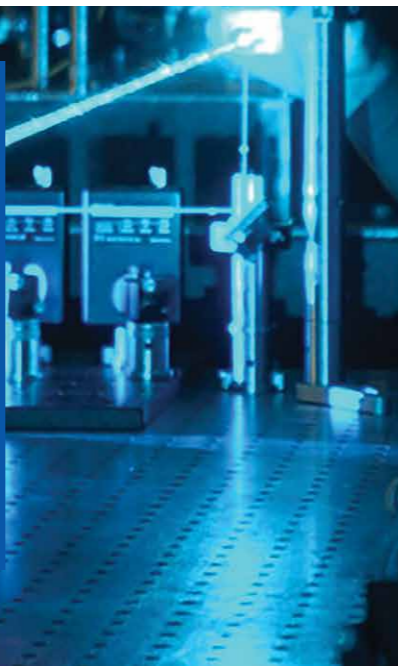
STUDENT SOCIETIES

SLTC Student Centre

The SLTC Student Centre is home to all clubs and societies that operate at SLTC. Every student has access to the centre and can use it to meet regularly , organize and plan events and activities, practice music or photography or simply network with other students.

Our Collegiate advantage

We are the only University in Sri Lanka which has adopted the collegiate system which has proved highly successful in many world class universities such as Cambridge, Harvard, and Lancaster etc.

Upon admission to the campus, each student will be assigned to one of the four colleges; Alan, Albert, Isaac or Nikola.

College benefits...

- Creating unity, friendship and respect for each other among themselves and with the other colleges.

- Create an environment to bring out hidden talents and skills of individuals inside the campus and a healthy competitiveness among the colleges when it comes to the various extra-curricular activities and sports events.

- Facilitating inclusiveness by being a part of a small friendly community at a large institute.

- A great mix. The colleges are a lively, welcoming and diverse community which will enable our students to make friends with students studying a wide range of subjects and walks of life. It is a great way to develop friendships across the campus.

Student Clubs

It is our vision to ensure that students who leave our institute as engineers, technologists and management professionals are not just educated but are also of high value to society. Therefore apart from the Colleges, we have introduced Student Clubs which have been established to instil the qualities of leadership, teamwork, and fair play and to improve organizational skills and unity among the students at SLTC.

LEO Club

The SLTC LEO club is an active student entity that works independently to bring about positive change to the community. They also undertake projects in collaboration with other LEO and Lions club movements. During a very short period, the SLTC LEO Club has won many awards and citations for their community service projects.

Student Interactive Society (SIS)

The SIS work by their mission statement, "to help create a professional recognized as RESPONSIBLE, PARTICIPATIVE, VIRTUOUS and INDEPENDENT, who takes maximum use of available resources to reap the best results. To aspire every student to reach even further than their expected goals & to make each student a legacy of the campus." Therefore they play a prominent role in coordinating academic and non-academic activities of the students where the observations, comments and suggestions are presented in a constructive manner. The office bearers are given the opportunity to exercise their leadership and management skills so that they are more prepared to meet the challenges in the external environments.

Events such as the Colours Night, Talent Show, Sports Week, Sports Meet, Multi-religious functions and other competitions are organized under the purview of the SIS.

University Student Enterprise

This organization was formed in order to encourage students to engage in entrepreneurial activities during their undergraduate years enabling them to thrive in any entrepreneurial/corporate environment as professionals. This venture exposes students to the corporate environment and empowers and provides them with the necessary resources and guidance to initiate various commercially and socially viable projects which require to be executed over a given period of time.

IEEE

Institute of Electrical and Electronics Engineers (IEEE) is the bridge that connects the young and curious minds of our young engineers together. The membership of this institute spans from one extreme to another with the common goal in mind to advance the technology of the world to benefit humanity.

The IEEE Student Branch of Sri Lanka Technological Campus was inaugurated in year 2018 with the primary purpose of promoting education and research in all aspects of the theory and practice of electrical & electronic engineering, computer engineering, mechatronics engineering, software engineering & all other allied branches of engineering & related art and sciences, as well as the furtherance of the professional development of members. Since its inception, it has been organising many workshops and events to encourage and enhance the professional, social, technical skills of the members.

Media Club

The media club is responsible for the media related aspects of all activities that happen within the university community. It is made of some of the most dynamic and talented undergraduates of SLTC who practice photo and videography, journalism, compering and event hosting, graphic designing and a myriad of other activities.

Sports and Fitness facilities

Something for everyone...

Whether you are a regular gym user, team player or like to take part in recreational sports from time to time, there is something for everyone.

Why Sports?

With our vision primarily being to create readily employable graduates, we at SLTC encourage teamwork, leadership and character building, all of which can be improved through sports. Therefore, the Sports Centre at SLTC offers extensive indoor and outdoor sports and fitness facilities to ensure that the undergraduates are exposed to a variety of extra-curricular activities and receive a well-deserved recreation.

Some of the facilities include:

- Fully equipped Gymnasium
- Outdoor sporting facilities for Netball, Volleyball, Football and Cricket
- Badminton Court
- Indoor Sports hall equipped for indoor activities such as Table Tennis/ Carom
- Cycling Track

Performing Arts

The Performing Arts Circle of SLTC is composed of a team of extremely talented and creative individuals who have found their own space in music, dancing and drama from a very young age. At SLTC we nurture their talents and build platforms for these aesthetic talents to speak for themselves. From the student centre to the auditorium to the amphitheatre, these multi talented performers, representing all three schools come together to present the community with fusions, traditional performances, concerts, talent shows and various competitions throughout the year.

STUDENT SERVICES

SLTC provides their students specialist information, advice and guidance on academic and non-academic issues to ensure that the students receive the best learning and living experience in Sri Lanka.

Student counselling and Career Guidance Unit

This is a free and confidential service provided to the students of SLTC to ensure that they realize full academic and personal potential. Apart from academic guidance, the unit will readily provide advice for any personal or emotional problems that may hinder the students' performance.

Health Care Support

SLTC has its own medical centre where a practicing physician is present for everyday medical requirements. In addition to this SLTC also has a regularly visiting psychiatrist to ensure that our students are both physically and psychologically at their best. The Jeewaka Medical Centre which is also located within close proximity to the campus provides outstanding medical treatment in critical emergencies.

Student Affairs Centre

Student welfare and well-being is one of the foremost interests of SLTC. The Student Affairs Centre which is handled by many professionals is available confidentially to all students who are faced with any issue. These professional officers are reachable via email, telephone or face-to-face meeting.

Student of SLTC have access to:
IT

- Wi-Fi in the on campus, and in many social and learning spaces.

- University email with student specific email address and calendar.

- The student portal, a gateway to a students personalized module content and information, notifications, email, course and exam timetables, Library account and academic records.

- Personalized online learning spaces to submit assignments, view lecture recordings, access interactive reading lists and more.

- A wide range of academic, business and accessibility software with many applications

- PCs in the library, learning labs and departments, with most accessible 24/7.

- A laptop loan service so you don't always have to carry your own.

- Printers in range of locations across campus, with options to print from a wide range of personal devices and to print out from any student printer.

- Learning spaces for individuals and group work in the Learning Zone, Library and other locations across campus.

- Personalized IT support and assistance

- IT training.

Cafetaria
The university operates a cafeteria a catering service of high service standards. The cafeteria has a variety of food items on the menu, for all three meals at a regulated cost.

Laundry Facilities – Washing Bay
Personal washing machines and dryers are not permitted to be brought in, but the students have access to the Washing Bay subject to charges. Payments can be made by university cash card, which can be purchased from the Student Services Unit.

FINANCES

Interest Free Government Loan Scheme

Students can also apply to SLTC via the loan scheme introduced the Ministry of HigherEducation by forwarding an application through the ministry itself.

NDB Loan Scheme

SLTC offers its students a collateral-free loan scheme in collaboration with the National Development Bank. This is an exclusive offer for students of SLTC and it's the only such scheme available for University Students in the country right now. The loan is repayable in 8 years, the final four of which is expected to be paid by the student upon finding empicyment their education without any financial burden upon themselves.

NDB bank

Commercial Bank Loan Scheme

The Commercial bank has also partnered with SLTC to offer our students a convenient loan scheme that can be obtained under favorable terms.

COMMERCIAL BANK

ENTECH
YOUTH EXCELLENCE SCHOLARSHIP

In 2017, Sri Lanka Technological Campus (SLTC) introduced ENTECH; Sri Lanka's first merit based youth scholarship scheme with the intention of encouraging academically motivated students and providing them better access to an exceptional education and undergraduate experience.

The ENTECH scholarship is open for students from all A/L streams both National and International.

ENTECH SCHOLARSHIPS-Merit Based Scholarship Programme

A/L Results (National/UK)	Scholarship Fee Waiver
3A's	Full Scholarship
A	30% per each A obtained
B	20% per each B obtained
C	10% per each C obtained

(Eg: For 2Bs - (20% + 20%) and C - (10%) = 50% Scholarship   *Conditions Apply

Eligibility :   Minimum 2 C Passes (Conditions Apply)

Schools and Programmes
Undergraduate Studies

We are passionate about providing unparalleled higher education and research opportunities of international standared, through which we envision to produce career-ready global graduates. Our affiliation to the state, accreditation we have received from the Ministry of Higher Education, recognition of our degrees by the University Grants Commission (UGC), our International Affiliations and the financial strength of our parent organization, enhance our credentials as a stable institution that you could place your trust and confidence in.

SCHOOL OF
ENGINEERING

SCHOOL OF
TECHNOLOGY

BUSINESS
SCHOOL

SCHOOL OF **IT AND COMPUTING**
For 2020

SCHOOL OF **MUSIC**
For 2020

GOVERNMENT AFFILIATED

CORPORATE POWERED

ACCREDITED

RECOGNIZED
University Grants Commission (UGC)

RESEARCH ORIENTED
ORIS

ON CAMPUS ACCOMMODATION
SLTC Hub

FACULTY PAR EXCELLENCE
Outcome-Based Education
Problem-Based Learning

SCHOOL OF
ENGINEERING

Since inception in 2016, Sri Lanka Technological Campus (referred to as SLTC), and its School of Engineering has gained a reputation in the society for providing high quality engineering education and a wonderful learning environment. The vision of the institute is, to produce learned men and women of character and discipline, and to become the leading higher education institution in Sri Lanka and South Asia. Thus the vision of the school of Engineering is to produce world class Engineers, with a solid background in fundamentals, advanced Engineering concepts, research, and hands on skills, that make them employable anywhere in the world and ready to face future challenges with discipline and confidence.

School of Engineering focuses on providing some of the best and most diversified engineering degree programmes in the country and presents a four year Bachelor of Science (BSc) degree.

Currently the school offers the opportunity for both students and professionals to obtain their degree by providing both full time and blended programmes.

Programmes

- BSc (Hons) in Engineering in Electronics and Power Systems
- BSc (Hons) in Engineering in Electronics and Telecommunication
- BSc (Hons) in Engineering in Electronics and Engineering Management
- BSc (Hons) in Engineering in Information and Communication Engineering
- BSc (Hons) in Engineering in Civil Engineering
- BSc (Hons) in Engineering in Mechatronics Engineering
- BSc (Hons) in Quantity Surveying
- BSc Hons in Bio Systems Engineering

BSc Hons in Engineering in Engineering Management

The Engineering and Management Bachelor's programme includes course and laboratory sessions in Electronics Engineering as well as Finance, Accounting and Business Management. The Electronic Engineering coursework will encompass important themes from Electronic Engineering, Electrical Engineering and Computer Science.

The B.Sc. Hons. (Eng.) graduate specialized in Electronic Engineering and Engineering Management will have a high level of up-to-date technical expertise in Electrical and Electronic Engineering as well as Management. The graduate will produce engineering designs that are innovative, based on sound principals, sustainable, environmentally sound, and adhering to the ethical guidelines.

ELIGIBILITY CRITERIA

The entry requirement is a minimum of 3 ordinary passes (S) in approved subjects in the Physical Science stream at GCE A/L Examinations or equiralant in one and the same sitting and a minimum mark of 30% for the Common General Paper.

BSc Hons in Engineering in Civil Engineering

Civil Engineering; a "People serving profession" is regarded as one of the oldest professions in the world. The 2500 year old remains of the great civilizations of ancient ruined cities, Sky-high Stupas, Gigantic water tanks, complex irrigation systems, are some of the living examples of the work of our great Civil Engineering Ancestors. Following the tradition, even today, Civil Engineers contribute their knowledge and expertise in creating better living environments for people, which include the whole infrastructure setup we use; built environments, roads, expressways, railways, airports, ports and harbors, bridges, dams, canals, irrigation systems, etc.

This is a four year full-time degree program offered by Sri Lanka Technological Campus. The curriculum is prepared according to the "Outcome Based Education (OBE)" principles considering the IESL guidelines and many reputed local and international civil engineering curriculam with subjects covering the whole spectrum of Civil Engineering, including Structural, Geotechnical, Hydraulics, Environmental and Transportation Engineering subjects. In addition, the subjects are carefully aligned and spread over the 8 academic semesters, in a way that even a student with basic entry requirements can be moulded into an "industry-ready"

Civil Engineer who can take up any challenge. Eminent, highly qualified permanent and visiting facilities with industry experience and state of the art lab facilities will help students gather all relevant knowledge our students are equipped with the knowledge on latest design and analytical software tools.

Eligibility Criteria

The entry requirement is a minimum of 3 ordinary passes (S) in approved subjects in the Physical Science stream at GCE A/L Examinations or equiralant in one and the same sitting and a minimum mark of 30% for the Common General Paper.

BSc Hons in Engineering in Electronics and Power Systems

This programme, consisted of Engineering Science, Physics and Math courses, prepare students for employment as Electrical or Electronic engineers. Candidates can specialize in several areas of electronics, digital signal processing, electromechanical systems, wireless components and systems.

The B.Sc. Hons. (Eng.) graduate, after specialization in Electronic and Power Engineering, will have a high level of up-to-date technical expertise in electronics and power engineering. Our graduates are trianed to create innovative, sustainable and environmentally sound engineering designs based on sound principles and ethical guidelines.

Career Opportunities

- Electrical engineer
- Electronic engineer
- Digital Signal Processing (DSP)
- Electromechanical systems
- Wireless components and systems

Eligibility Criteria

The entry requirement is a minimum of 3 ordinary passes (S) in approved subjects in the Physical Science stream at GCE A/L Examinations or equiralant in one and the same sitting and a minimum mark of 30% for the Common General Paper.

BSc Hons in Engineering in Telecommunication Engineering

This programme teaches how to apply electronics technology to design, test and troubleshoot advanced devices and systems. It trains students in basic electrical theory and hands-on application, subsequently moving on to increasingly complex electrical systems, platforms, telecommunication systems and circuit designs.

The B.Sc. Hons. (Eng.) graduate specialized in Electronic and Telecommunication Engineering will have a high level of up-to-date technical expertise in Electronics and Telecommunication engineering. The students would learn and experience state of the art equipment used telecommunication industry providing them an in depth knowledge in the cutting edge technologies used in modern communication systems. The telecom engineers would be able to integrate to industry with easy and posses the ability to apply the fundamental principles in designing, implementing, managing and trouble shooting modern 5G and optical communication systems.

ELIGIBILITY CRITERIA

The entry requirement is a minimum of 3 ordinary passes (S) in approved subjects in the Physical Science stream at GCE A/L Examinations or equiralant in one and the same sitting and a minimum mark of 30% for the Common General Paper.

BSc Hons in Information and Communication Engineering (Software Engineering)

For the first time in Sri Lanka, we are offering a unique undergraduate engineering degree program – B.Sc. Honours in Information and Communication Engineering (ICE) that will prepare you to be at the forefront of Information and Communication technologies that would dominate the world in years to come. This is a novel discipline which has been curated by combining the best of telecommunication and software engineering desciplines.

ELIGIBILITY CRITERIA

The entry requirement is a minimum of 3 ordinary passes (S) in approved subjects in the Physical Science stream or ICT stream at GCE A/L Examinations or equiralant in one and the same sitting and a minimum mark of 30% for the Common General Paper.

BSc Hons in Engineering in Mechatronics Engineering

The degree program leading to "Bachelor of Science Honours in Engineering in Mechatronics Engineering- BSc Hons (Eng.) (Mechatronics Eng.)" is a four year fulltime degree program offered by Sri Lanka Technological Campus.

Mechatronics is a relatively new branch of engineering that combines the principles of Mechanical Engineering, Electronic Engineering, Control Engineering, Systems Design Engineering and Computer Engineering. The combination of these engineering principals helps to generate simpler, more cost effective and dependable systems. As a result Mechatronics engineering is at the forefront of technological advancements creating smarter products, devices and process across the variety of sectors. The Mechatronics Degree program at SLTC focuses on providing a sound fundamental understanding of the technical skills and principles of mechatronics engineering and their application in complex open ended engineering tasks and problems.

Mechatronics Engineering degree program prepares students for positions ranging from research engineers to project managers at the forefront of technological advancements, creating smarter products, devices and processes, across a variety of sectors, such as robotics, automobiles, manufacturing, aerospace, oil gas and chemical industries.

ELIGIBILITY CRITERIA

The entry requirement is a minimum of 3 ordinary passes (S) at GCE A/L Examination conducted by the Department of Examinations, Sri Lanka or equivalent foreign examination (London or Cambridge) in Mathematics scheme.
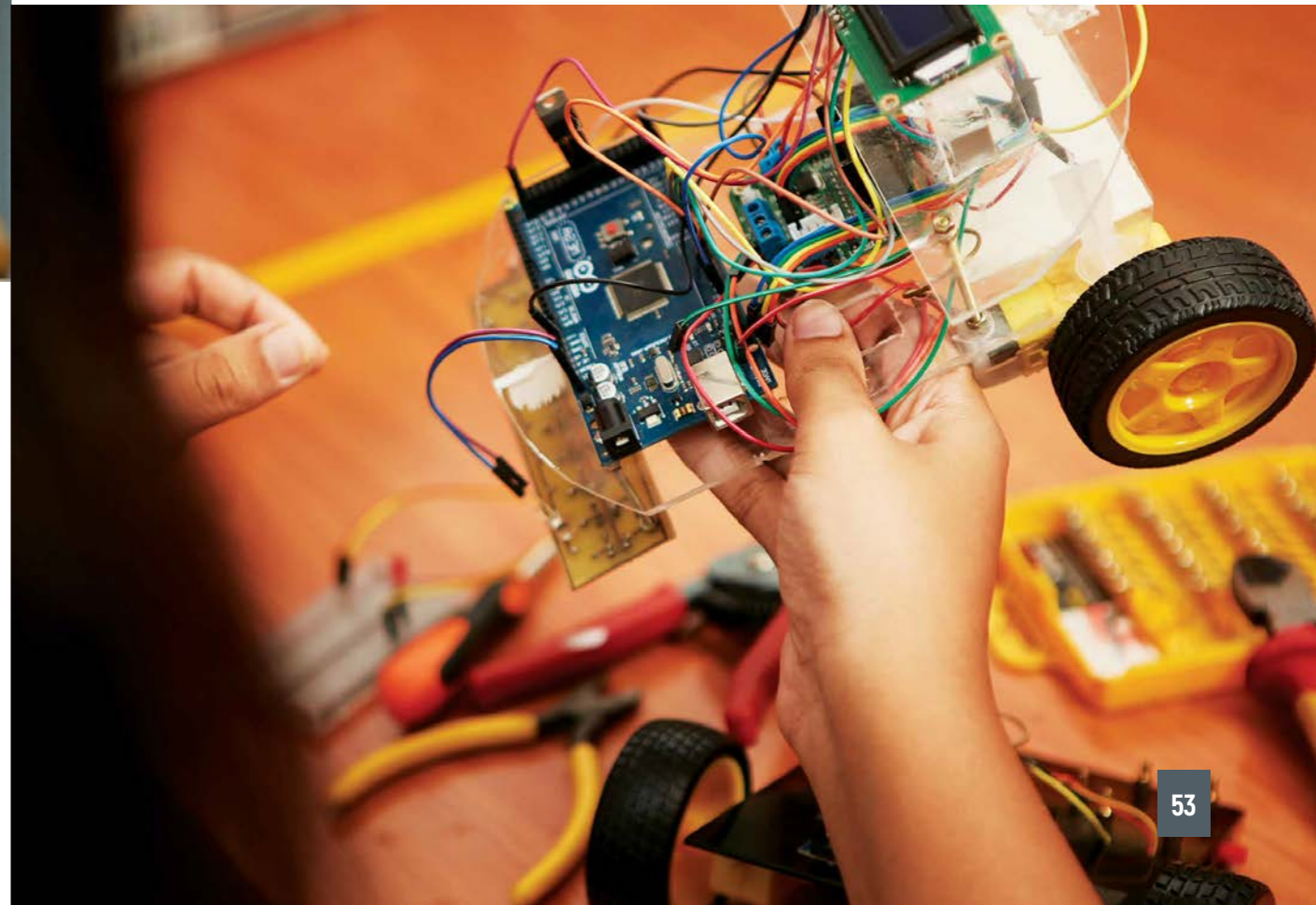
BSc (Hons) in Quantity Surveying

The degree program leading to "Bachelor of Science Honours in Quantity Surveying- BSc Hons (QS)", is a four year fulltime degree program offered by Sri Lanka Technological Campus. The programme has been developed in comparable with the main levels of competencies highlighted by well reputed local and international Quantity Surveying Professional institutions like Institute of Quantity Surveyors, Sri Lanka (IQSSL) and the Royal Institution of Chartered Surveyors (RICS).

The curriculum is based on "Outcome Based Education (OBE)" principles with clearly defined qualification descriptors, Programme outcomes, module delivery and assessment methods, targeting a student centered, blended teaching and learning exposure with a mix of conventional and modern ICT based learning tools. The main subject areas comprises of basic courses in science, mathematics, English, computing, basic QS courses, core QS courses, projects, industrial training and complementary courses which include management, humanities and social sciences, economics, arts and professional ethics. Upon completion, the programme enables the graduates to develop critical analytical abilities and the necessary core knowledge and skills for entry into the Quantity Surveying profession or to continue postgraduate studies leading to advanced degrees. The curriculum also blends a number of course materials considered essential for all Quantity Surveyors not only to be technically proficient but also to be effective in team work, leadership and communication with professionals in other disciplines and also with community as a whole.

ELIGIBILITY CRITERIA

The entry requirement is a minimum of three (3) "S" grades for all three subjects in one sitting within three (3) attempts from the G.C.E A/L Examination conducted by the Department of Examinations, Sri Lanka, including; "Combined Mathematics or Higher Mathematics" and any two of the following

Subjects:

- Accounting
- Economics
- Business Statistics
- Business Studies
- Physics
- Chemistry
- Information and Communication Technology (ICT)

BSc Hons in Bio Systems Engineering

The degree program leading to "Bachelor of Science Honours in Biosystems- BSc Hons (Biosystems)" is a four year fulltime degree program offered by Sri Lanka Technological Campus.

This degree program aims to provide students with an in-depth understanding of the complex physical, biological and social systems and their interactions involved in the Biosystems and its related areas such as food production, processing and bioprocess technology, environmental technology, and sustainable management of agricultural technologies. It integrates many of the disciplines and professional areas of engineering, science, policy and management which will enable the students completing the degree program to have a better understanding of the various biological systems, issues and research needs for solving problems and improving the outputs and efficiencies from diverse specialties and the application of such knowledge for the successful and sustainable management of various biological systems.

ELIGIBILITY CRITERIA

The entry requirement is a minimum of three (3) ordinary passes (S) for GCE A/L Examination conducted by the Department of Examinations, Sri Lanka or equivalent foreign examination (London or Cambridge) in Biology scheme.

SCHOOL OF
TECHNOLOGY

Our graduates with their backgrounds technology and managment will fill a considerable vaccum in the industry unique skill set and the knowledge acquird as undergraduates The ability of Technology graduates to contribute on the job from day one increases their value while providing them professionally rewarding opportunities with

significant potential for advancement in the high-skill, high-wage, and high-demand careers.

As one of the pioneering technology schools the country has on offer, SLTC endeavours to ensure that its students receive a novel learning experience within the School of technology with the available resources and facilities.

As every industry – from medicine to agriculture, from education to banking – is being impacted by technology. The technologists community will only grow in numbers and importance.

School of Technology prepares you for a career in applied engineering and offers following B.Tech Hons. degree programmes.

Programmes

- BTech Hons in Electronics Technology
- BTech Hons in Electronics (Process Automation and Control)
- BTech Hons in Agricultural Technology
- BTech Hons in Environmental Technology

BTech Hons in Electronics

This is a technical program that prepares students for the field of Electronic Technologist. Apart from Ethical Practices, Sustainability, and Industrial Law this program provides graduates with the knowledge on:

Electrical and Electronic circuits, VLSI systems, Microprocessors, Micro controllers, Printed Circuit Board (PCB) manufacturing, Power electronics, Embedded systems and Nanotechnology.

ELIGIBILITY CRITERIA

The entry requirement is a minimum of 3 ordinary passes (S) in approved subjects in Technology, Physical Science, Biological Science, or ICT stream at GCE A/L Examinations or equiralant in one and the same sitting and a minimum mark of 30% for the Common General Paper.
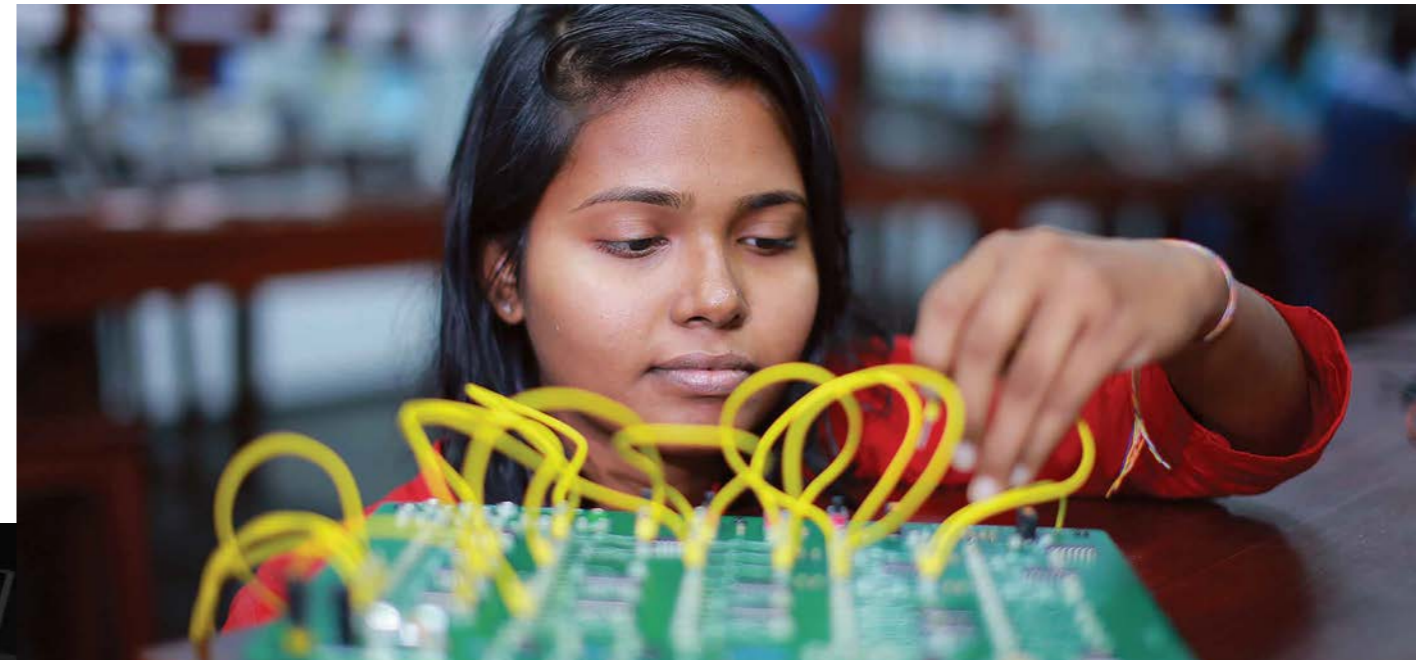
BTech Hons in Electronics
(Process Automation and Control)

BTech Hons in Electronics (PAC) is a technological programme that trours students as Automation Technologists. The programme provides graduates with the knowledge on:

Electrical and Electronic circuits

- Micro processors
- Micro controllers
- Control system fundamentals
- Factory automation
- Programmable Logic Controllers (PLCs)
- Robotics
- Automotive electronics, Etc.

This programme also includes concepts such as Ethical Practices, Sustainability, and Industrial Law.

ELIGIBILITY CRITERIA

The entry requirement is a minimum of 3 ordinary passes (S) in approved subjects in Technology, Physical Science, Biological Science, or ICT stream at GCE A/L Examinations or equiralant in one and the same sitting and a minimum mark of 30% for the Common General Paper.

BTech Hons in Agricultural Technology

BTech in Agri-Technology trains graduates in modern technologies to create value and sustain the development and performance of the agricultural industry. This four-year program offers graduates with a solid understanding of their role as an agriculture expert with knowledge in electronics, IT, and telecommunications that will enhance the agri industry, and an understanding of the challenges in these applications.

The program gradually builds from the basics of chemical and biological sciences, mathematics, electronics, IT, and agriculture.

Graduates offer employers the ability to develop, apply and evaluate the most appropriate solutions for optimizing the agriculture industry. They possess a unique combination of agriculture industry scientific knowledge, skills which enable them to utilize digital technologies and values which will see them take ethical, legal and commercial perspectives into account when seeking modern solutions to production, environmental and land-use problems.

This program also offers an option of finishing the last two years of the programme at Lincoln University in New Zealand, in a 2+2 agreement, leading to a degree from Lincoln University.

ELIGIBILITY CRITERIA

The entry requirement is a minimum of 3 ordinary passes (S) in approved subjects in Technology, Physical Science, Biological Science, ICT, or Agriculture stream at GCE A/L Examinations or equiralant in one and the same sitting and a minimum mark of 30% for the Common General Paper.

BTech Hons in Environmental Technology

Environment constitutes life. Environmental protection, resource conservation, sustainable development and poverty alleviation are integral parts of the agenda of every institution at a global, regional, and national scales.

The BTech degree program in Environmental Technology is designed to provide students with an in depth firm scientific foundation to critically analyze the complex environmental problems so that they can provide effective solutions, and prepare them as future environmental technologists who will face the challenges created by increased urbanization, population growth and ecological degradation. The breadth of the program will provide a strong basis for multi-disciplinary learning. The subject areas in environmental technology, cover the following:

- Environmental risk assessment technology
- Environmental conservation technology
- Green urbanization technology

In addition, a rigorous training in communication & presentation skills, leadership & entrepreneurship skills, technical writing and project management methods are also included. The industry placement offers students with firsthand information on environmental industry and provides them an opportunity and develop contacts with their future employers.

ELIGIBILITY CRITERIA

The entry requirement is a minimum of 3 ordinary passes (S) in approved subjects in Technology, Physical Science, Biological Science, or ICT stream at GCE A/L Examinations or equiralant in one and the same sitting and a minimum mark of 30% for the Common General Paper.

BUSINESS SCHOOL

When you pursue any of the management pathways offered at the SLTC Business School, you will be provided with access to a number of opportunities to empower your career development and help you graduate, 'work-ready'. Our extensive network of local and international partnerships will help you with an industry-relevant learning opportunity and exposure to our renowned pool of top scholars and academia.

The Business School also has a range of industry-standard facilities, including a specialized IT & business library, contemporary study rooms and shared spaces. Further, our Business School maintains excellent links with the business community, that help us ensure all our management programmes are being designed to suit the current needs of employers and also to provide exciting placement opportunities for our undergraduates.

Overview of Business Management Programmes

Proper management and administration are integral components of any successful business, irrespective of its scale and size. Every organization searches people with strong management knowledge and skills to manage, grow and improve the day-to-day operations of organizations and workforces.

All SLTC Business Management courses focus on job readiness, to give you the practical skills and competence you need to operate effectively and efficiently, in business environments. They also give the student the opportunity to gain a business qualification from one of the leading Business Schools that operate in Sri Lanka.

All students enrolled in the business school are required to follow a common curriculum in first 2 years. The common program is intended to provide a thorough understanding

of basic concepts in all functional areas in Business Management with a view of giving the students an opportunity to make better-informed decisions about their choice of specialization moving in to the last 2-years of their degree program.

The students are given the opportunity to follow a 4 Year, 120+ credit, Bachelor of Business Management (BBM) Honours programme in 6 key management disciplines. As a part of this course, you will develop strong business knowledge, while also building your expertise from day-one, in one or more business disciplines.

ELIGIBILITY CRITERIA

The entry requirement is a minimum of 3 ordinary passes (S) in approved subjects in in Commerce, Arts, Technology, Physical Science, Biological Science, ICT, or Agriculture stream at GCE A/L Examinations or equiralant in one and the same sitting and a minimum mark of 30% for the Common General Paper.

Programmes

- BBM Hons in Accounting and Finance
- BBM Hons in Human Resource Management
- BBM Hons in Marketing
- BBM Hons in Tourism and Hospitality Management
- BBM Hons in Supply Chain Management
- BBM Hons in Operations Management

BBM Hons in Accounting and Finance

Bachelor of Business Management (BBM) in Accounting and Finance degree programme will enhance your knowledge on how organizations finance their activities and how they keep track of what happens to their money. Our curriculum has been designed to meet the objectives of students who are willing to seek a career in the functional discipline of Accounting and Finance. It aims at creating knowledgeable and skilled graduates with positive attitudes for employment in Accounting and Finance-based positions across multiple sectors. BBM Accounting and Finance Degree holders will be granted exemptions by local and international professional accounting bodies, enabling them to pursue professional careers in Accounting and Finance, whilst holding a sound academic qualification.

In addition to an in-depth theoretical and practical understanding of issues and solutions in Accounting and Finance, students will also develop important skills in the areas of information technology and communication, whilst the importance of maintaining high ethical and professional standards will be emphasized.

To graduate with BBM in Accounting and Finance, you need to obtain a minimum of 120 credits.

Career Opportunities

This degree will prepare you for a career in professional accountancy, investment banking, investment analysis and management, management consultancy and financial management, and will also create a foundation for advanced academic studies in these professional disciplines. This degree will help you to question and analyse information, develop arguments, and boost your analytical and communication skills – all of which are valued in management roles in the global employment market.

BBM Hons in Human Resource Management

Bachelor of Business Management (BBM) in Human Resource Management (HRM) programme aims to create highly employable HRM graduates who will possess in-depth knowledge of the subject matter and will be equipped with a comprehensive mix of skills, competencies, and best practices in the field of HRM.

Career Opportunities

This specialized HRM program will enable graduates to apply for diverse positions in the industry and pursue numerous career options as an HR professional. The course aims to prepare students to meet, locally and globally recognized standards of professional excellence with the necessary knowledge and skills. The HRM course combines theory with practical application to be relevant, and will be linked to the everyday work environment. Graduates will be ready to work in human resource management, employee or industrial relations, information systems, recruitment and training. The students will be encouraged to apply for internships and we will endeavor to facilitate them. This course will provide you with hands-on experience, enabling you to demonstrate relevant work experience, and make you a competitive job seeker in the HR profession.

BBM Hons in Marketing

Bachelor of Business Management (BBM) in Marketing will cater to those aspire to become professional global marketers and who are interested in strategic marketing management, or in other aspects of marketing such as market research, product development, brand management, integrated marketing communications and retailing.

Marketing is considered as the heart and soul of commercial activity in most profit oriented businesses. Due to its vast importance within the business world, the basic objective of our degree program is to develop superior marketing professionals, instilled with creativity and up-to-date thinking. The marketing degree will instill necessary skills and competencies in our students that will enable them to work in any industry presently existing and may emerge in the future.

An academic team with local and foreign exposure will deliver broader knowledge in marketing. The people attached to the department will share their experiences with students by delivering theoretical knowledge and engaging in field projects and sharing real-life case studies.

Career Opportunities

By the time you graduate, you will not only understand the theoretical aspects of effective marketing, but will also possess a range of practical professional skills. Upon completion of our degree program, you will be provided with work opportunities as marketers in a multitude of related fields including retailing, advertising, branding, consulting, marketing research, and international marketing.

BBM Hons in Supply Chain Management

Supply Chain Management focuses on efficiently managing systems of people, resources, and information that deal with the movement of a product or service from supplier to customer. It encompasses topics from manufacturing operations, purchasing, transportation, and physical distribution into an integrated program. The students will learn how to plan and manage the flow of goods and resources in a global marketplace.

Bachelor of Business Management in (BBM) Supply Chain Management program offered by SLTC, presents the students with an industry relevant, current curriculum, exposing them to critical, value-adding components to enhance their global employability. The objectives are to provide students with a comprehensive background in each area of activity and also to allow students to focus on their areas of interest. Through the program student will develop project management and negotiation skills and will learn how to procure products and manage their handling, storage, and distribution effectively.

Our students at every level will be taught to improve efficiencies in supply chain operations, cost control, eliminating supply chain failures, and to moderate supply chain risks.

Career Opportunities

With the BBM Supply Chain Management degree the standad will be able to secure work opportunities in leading Supply Chain organizations. Taught by industry professionals, this degree program will instill practical skills and experience, which will help application in a range of industries, including manufacturing, transport, and warehousing.

BBM Hons in Operations Management

Bachelor of Business Management (BBM) in Operations Management aims to empower business graduates to develop the ability to understand and analyze specific operational problems and to develop practical, effective and implementable solutions. This requires a thorough understanding of both the operations management principles and techniques, and the ability to apply this knowledge in practice.

Students who select the Operations Management specialization area will be able to acquire sound overall knowledge of Operations Management, including Operations Systems Design and Management, Production Planning and Controlling, Service Management, Total Quality Management, Logistics and Supply Chain Management, Technology Management, and Project Management.

SLTC's BBM in Operations Management is the only four-year special degree in the field of Operations Management currently available in Sri Lanka.

Career Opportunities

Students who pursue this study pathway will secure employment opportunities in various managerial positions related to Manufacturing, Services, Quality, Logistics, Supply Chain, and Inventory Management. During the final year of their studies, students will have the opportunity to train themselves in the industry as well as to engage in related research activities.

Tourism and Hospitality Management

Tourism and hospitality management is one of the most dynamic and ever growing industries today. In recent years, with the aid of technology this global industry has completely transformed the world economy creating thousands of opportunities for individuals around the world. The THM degrees offered by SLTC aim at developing fully fledged professionals ready to take up the industry upon graduation.

The SLTC Business School currently offers the following programmes:

- BSc in Tourism and Hospitality Management (General)
- BSc Hons in Travel and Tourism Management (Honours)
- BSc Hons in E-Tourism and Digital Marketing(Honours)

Within the program the student will learn about issues associated with the travel and tourism industry, such as visitor attractions, tour operators, travel agencies, transportation for tourism, and government tourism initiatives, etc. The students will be encouraged to develop a strategic approach to this ever-evolving business, economic and social demands within the industry. The school will utilize a unique combination of practical exposure and theoretical teaching concepts that will develop a work-ready graduate

SLTC will endeavour to provide unique opportunities to its graduates through the strong industry links it possesses. These will include guest lectures from leading industry practitioners, industry mentoring programmes, and work placements. Strong, industry related management capabilities and skills that will be instilled in the students, they will be able to obtain gainful employment within the industry, locally as well as internationally.

SCHOOL OF
COMPUTING

The SLTC School of Computing will be launched in 2020 in order to cater to the popular demand by students who wish to pursue their higher education in IT and computing at SLTC.

Preparing students for this highly lucrative but competitive industry, the following programmes will be introduced for the 2020 intake after careful and thorough research.

- Bachelor of Science in Information Technology in Software Engineering
- Bachelor of Science in Information Technology in Cloud Computing
- Bachelor of Science in Information Technology in Cybersecurity

In order to meet the requirements of the industry as well as the academia the university will ensure quality of delivery within a modern and cutting edge teaching culture. A student who enrolls into any of the above programs will gain:

Strong knowledge in fundamentals covering all the areas in information technology .

High quality, cutting edge technology content preparing students for the future.

Industry engagement at highest level continuously provided from year one to year three

Content prepared according to global technology trends as predicted by Gartner and Forrester reports

Meeting requirements from international professional bodies like IEEE, ACM and Seoul Accord

Greater amount of practical knowledge in line with advanced theory

Focused on creative innovation and entrepreneurship from the beginning to end

Guaranteed industrial internship in the final year as a part of the course increasing employability

The programs are open to any individual who wishes to pursue their higher studies in IT & Computing upon achieving 3 simple passes or above in any stream at GCE Advanced Levels.

SCHOOL OF
MUSIC &
AESTHETIC
STUDIES

The SLTC School of Music and Aesthetic Studies will be launched in February 2020 , opening unparalleled opportunities for the Sri Lankan Youth who wish to pursue a successful career in the performing Arts.

As an initial step a Bachelor's Degree in Music will be offered starting from February 2020.

Why Music for life?

Being the most effective medium of expression, Music has the ability not only to make individuals feel better but also to bring about positive changes to the whole society. With the evolving technology, Music as an industry is booming both locally and internationally. Hence there are numerous avenues opening in the field of music from becoming a music teacher to becoming a music researcher in addition to being a performer, Music Composer, Music Director, Recording Engineer, Music Analyst, Music producer and Music Promoter.

Who is eligible?

The Bachelor of Music (BM) is open to any student who has successfully passed their A/Ls , regardless of their stream of study. Every applicant will have to face a placement test incorporating both written and practical elements. The best performing applicants will be eligible to begin their studies as undergraduates of the Bachelor of Music program.

Programme Content

Musicology
Ethnomusicology
Recording Engineering
Music Analysis
Philosophy-of Music

We are proud to claim that this is the first time a non-state higher education entity has taken an initiative upon themselves to launch a Bachelor's Study program related to performing arts.

Did you Know?

Centre for Communication Skills Development (CCSD)

The Centre for Communication Skills Development was established with the intention of developing the communication, leadership, organization and other soft skills required by an undergraduate to excel in any chosen field of profession.

The CCSD currently conducts a four tiered English language programme designed to improve listening, speaking, reading and writing skills of the undergraduates based on their current level of competency.

In addition to their assistance in the academic and professional development of students the CCSD also gets actively involved in organising workshops, guest speeches, career guidance programmes, a variety of student events and contests to further enhance the skills and competencies of the undergraduates.

International Transfer Programmes

Our community stretches far beyond Sri Lanka, with an influence and impact that is felt right across the globe.

Studying overseas, for any student, is a fantastic opportunity to broaden their horizons, develop new skills, enhance employability globally, and to expand cross-cultural exposure.

We at SLTC offer a 2+2 programme through which we allow our undergraduates to read the first two years of their degree in a chosen field of study at the local campus and go on to graduate from an internationally acclaimed university by transferring to one of our partner universities to read the final two years of the programme.

We're affiliated worldwide

We at SLTC have created academic, and research partnerships with leading universities and institutions in several countries around the globe.

Academic Partners

SLTC offers multiple undergraduate and postgraduate programmes in collaboration with several global universities. These programmes provide many opportunities for our students.

Lancaster University, United Kingdom

It is currently one of only nine universities to be ranked in the top 10 across all national league tables of UK universities. Lancaster was also awarded University of the Year by The Times and Sunday Times Good University Guide (2018) and it holds its highest ever institutional ranking of 6th place within the guide's national table. It is also among the world top 1%, and one of the highest ranked universities affiliated to local Universities.

Deakin University, Australia

In 2016, Deakin university was ranked third-equal in Australia for graduate employability by the Times Higher Education index. In 2015, the Times Higher Education 100 Under 50 ranked Deakin University 45th in the World among the top Universities under 50 years old. Deakin is one of Australia's fastest growing research universities. 89% of Deakin's research is rated at, or above world class.

RMIT, Australia/Vietnam

RMIT is rated a five star university by Quacquarelli Symonds (QS) World University Rankings. It is ranked 16th in the world for art and design in the 2016 QS World University Rankings, which makes it the top art and design school in Australia and the Southern Hemisphere. It was also ranked as 16th in the top 50 universities under 50 years old by QS, and as 98th in the top 150 universities under 50 years old by Times Higher Education in 2016 (due to it gaining the status of university in 1992).

Lincoln University, New Zealand

In 2017/18 Lincoln's ranking is 319, according to Quacquarelli Symonds (QS) World University Rankings. Lincoln also has QS Five Stars rating and is amoung the top 50 of the fields of Agriculture and Forestry (39th), and also Hospitality and Leisure Management (48th). Lincoln is ranked in the 401–500th bracket according to the 2017 Times Higher Education (THE) world university rankings.

Students interested in Agriculture have the opportunity of transferring to Lincoln University for the two final years of their degree.

University of Auckland, New Zealand

Founded in 1883, Auckland is New Zealand's largest university with over 40,000 students, nearly 10,000 of whom graduate annually. It is one of New Zealand's preeminent research universities with more than 13,000 staff and postgraduate students involved in fundamental and applied research. It has been placed at 83rd in the Quacquarelli Symonds (QS) World University Rankings.

Students who wish to pursue B.Eng degree in Electrical and Electronic Engineering at the University of Auckland can now join the SLTC 2+2 program and begin their studies.

Interactive Media

Certificate in Multimedia and Design

This course is designed for those who want to develop fundamental skills in design and prepare towards the Pearson/Edexcel BTEC HND in Interactive Media. This will provide the student a general overview of the history, theory of design and about the contemporary design industry. The student will research, explore and experiment by producing drawings both by hand and computer; and will learn how to apply the design process to 2-dimensional and 3-dimensional work, based on a design brief.

Eligibility Criteria : Ordinary Level

Modules:

- Design research
- Concept development
- Exploration of the design process
- Colour theory
- Drawing and presentation skills and design in 2-dimensional and 3-dimensional contexts and media
- Single page and multipage layouts
- Audio editing
- Video editing
- Web design
- Equipment handling and configuration
- Output optimisation for variety of media (eg: Desktop, CDRom, Web, Print & Video

Schools and Programmes Professional Studies

School of Professional Studies

Established with the primary intention of creating an opportunity to pursue further education for professionals and the employed, the school offers many part time/ weekend/ short term programmes which are conducted at the City Campus and the SLTC Malabe premises. While some of these programmes are focused on pre-undergraduate studies others facilitate working personnel to grow in their respective fields while being employed full time.

The school currently offers the following programmes

01. Interactive Media:
- Certificate in Interactive Media
- HND in Interactive Media

02. Foundation Programmes:
- RMIT Foundation

BTEC Higher National Diploma in Interactive Media

Higher National Diplomas (HND) are generally recognised as equivalent to the first two years of a degree. They have been designed to give you a practical grounding before completing a degree at university, and to give you an industry recognised qualification when you enter the real world of work.

BTEC HNDs are delivered in 58 countries around the world, and are an ideal choice for learners seeking an affordable and relevant route to a degree or employment.

This course is for people who want to develop skills in multimedia. The course will teach about the history, theory of design, and the contemporary multimedia industry. The student will research, explore and experiment by producing drawings both by hand and computer gaining thorough knowledge in graphic design, web design, 3D modelling & animation, computer game design, video editing and special effects and creating music for variety of uses.

Our students have access to latest computer labs, music and video studios. Our lecturers are some of the best in the industry.

Career Opportunities

Graphic designer, Web designer/developer, UX/UI engineer,3D modeler/animator, Video editor, VFX (video effects),Music/Sound editor, Computer Gaming developer, Entrepreneur

Eligibility Criteria : Successfully completed General Certificate of Education (GCE) Advanced Level (A/L)

Duration : 2 Years

NOTES

SLTC

SRI LANKA TECHNOLOGICAL CAMPUS
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இலங்கை தொழில்நுட்ப பல்கலைக்கழகம்

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GOVERNMENT AFFILIATED	CORPORATE POWERED	ACCREDITED	RECOGNIZED	RESEARCH ORIENTED	ON CAMPUS ACCOMMODATION	FACULTY PAR EXCELLENCE
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