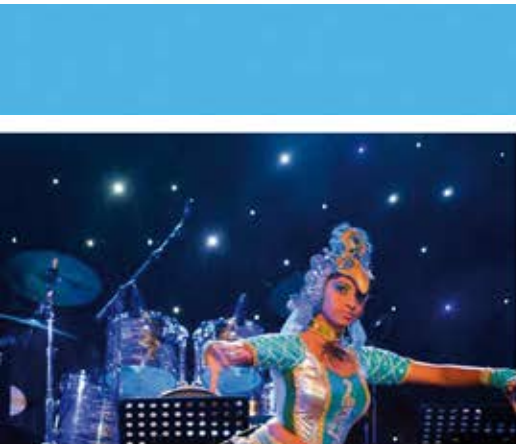




# SLIIT

COMPUTING | BUSINESS | ENGINEERING



# 2014/2015 STUDENT GUIDE

[www.sliit.lk](http://www.sliit.lk)

[info@sliit.lk](mailto:info@sliit.lk)

# Welcome to SLIIT

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

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

Sri Lanka Institute of Information Technology reserves the right to amend any policy or programme or course of study described herein without prior notice.

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# OUR VISION

To be a Center of Excellence to advance and disseminate knowledge, foster and promote innovation and produce world-class intellectuals to best serve the nation and beyond.



# VISION & MISSION

# OUR MISSION

To create a learning and research environment with best possible resources for our students and staff to be innovative and dedicated to excellence and to produce graduates with strong analytical, problem-solving and communication skills.



Faculty of Engineering

Administration Dept.

Tennis Court

Basketball Court

New Kandy Road

Bus Station



Students  
Accommodation

Colombo Academy  
of Hospitality & Management

Faculty of Computing

Play Ground

Faculty of Business

Auditorium

Colombo Outer Circular  
Express Way - E02

# Message from the Chairman & Chancellor



SLIIT is today recognized as a world class degree awarding institute delivering a range of undergraduate & postgraduate programmes in Computing, Business and Engineering. Students at SLIIT benefit from a state of the art teaching and learning environment and modern purpose built facilities. The new Engineering Faculty building and Hospitality Management School are our latest additions.

Our Degrees programmes are approved by the University Grants Commission Sri Lanka, in addition to which we offer foreign degree programs of our partner universities. Our affiliations with prestigious foreign universities in UK, Australia, US and Canada has given students many career pathways to gain world class degrees at a very reasonable cost. Our internationalization efforts have attracted students from Asian & African regions to our campuses at Malabe and Kollupitiya, further enriching the mixed cultural experience that SLIIT offers.

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

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

Ranked as the Sri Lanka's best Higher Education Institute by the LMD survey of 2013, we strive to provide our students a complete education which introduces them to the frontiers of knowledge and provides them with the skills and disciplines necessary to meet the challenges of their chosen careers.

**Professor L L Rathnayake**

*Chairman & Chancellor*

*Sri Lanka Institute of Information Technology*

# Message from the President / CEO



SLIIT is a premier higher education institute recognized by the University Grants Commission – Sri Lanka, the apex body of the Country's university system. Our academic programmes cater to BSc Degrees as well as Post Graduate Diplomas in the fields of Computing, Business and Engineering. We take pride in the fact that SLIIT produces high quality graduates with exceptional levels of employability. In 2008 the Institute was admitted as a member of the Association of Commonwealth Universities, UK and in 2013, as a member of the International Association of Universities (IAU) respectively.

The Bachelor's degree programmes at SLIIT offer many academic pathways. Students while studying towards the degree can also earn other qualifications such as Diplomas and Advanced Diplomas which are designed to meet industry requirements. Although the majority of our students complete their degrees at SLIIT, those who wish to do so have the option of transferring to any of the SLIIT overseas partner universities after completing two or two and a half years' of study to graduate from one of our partner universities in Australia, United Kingdom, United States and Canada.

We place great emphasis on the quality of our education. In addition to recruiting and retaining highly qualified and experienced academic staff, we continuously enhance our teaching learning environment and improve the curricula to ensure high standards of our academic programmes. We also offer a number of programmes designed to develop the soft skills of our students and conduct industry certified professional development programmes in collaboration with Microsoft, IBM, and CISCO systems.

The Institute's enrollment has been rising steadily and currently SLIIT has over 7000 students following its undergraduate and postgraduate degree programmes. Among our students we have students from other countries in the Asian and African regions. This has further enriched the cultural experience of studying at SLIIT.

**Professor Lalith Gamage**

*President / CEO and Chief Academic Officer  
Sri Lanka Institute of Information Technology*

*Adjunct Professor  
The University of British Columbia, Canada*

*Adjunct Professor  
Curtin University, Australia*

# Messages from Deans



The Faculty of Computing offers the widest portfolio of undergraduate and postgraduate degree programmes at SLIIT.

We now offer multiple specializations in our flagship BSc (Hons) Information Technology degree including Information Systems, Software Engineering, Computer Systems and Networking, Interactive Media and Cybersecurity to cater to the evolving needs of the ICT sector.

In addition, in partnership with Curtin University, Australia, the faculty also offers BSc - (Computing) Software Engineering, BTech in Computer Systems & Networking and BSc Cyber Security degrees. From 2015, in partnership with Sheffield Hallam University, we will offer a BEng (Hons) in Software Engineering.

Awards won at prestigious software competitions bear ample testimony to the quality of the academic staff with doctoral and masters qualifications and the well tested study programmes drawn up and offered by the faculty.

The Faculty of Computing Student Community (FCSC), the most vibrant student body at SLIIT, organizes fun filled activities providing leadership, team working and networking opportunities for students.

**Dr. Malitha Wijesundara**  
*Dean - Faculty of Computing*



Producing business graduates with the right skills and aptitude to take on challenges in industry is no simple task. Intelligence and capability alone are inadequate; business graduates need to acquire the right set of attitudes. The SLIIT Faculty of Business goes all-out to meet these challenges.

Collaborative relationships with industry, partnerships with reputed overseas Universities, and continuing research activities are our strategic thrusts. Stringent quality assurance processes are in place to ensure academic quality of our programmes. Success on many counts in the past makes our Business Graduates to be in great demand in industry.

We are strong in many respects. We have a great team. An unquenchable thirst for knowledge makes us learn and adapt to change. We make use of all opportunities to obtain expertise from industry and other sources.

We are confident of achieving our goal in making the SLIIT Faculty of Business the most sought after Business School in Sri Lanka.

**Dr. Theekshana Suraweera**  
*Dean - Faculty of Business*



SLIIT as a premier degree awarding institute has expanded its portfolio of courses by introducing Engineering disciplines. The Faculty of Engineering has been newly established, comprising of four academic departments. The faculty at present offers Bachelor of Engineering and Bachelor of Science of Engineering degrees in four disciplines; Electrical & Electronic Engineering, Civil Engineering, Mechanical Engineering and Materials Engineering. Under these four major disciplines, we offer over eight specializations. In addition, the Faculty offers post-graduate degrees leading to a Master of Science.

We aim to produce world class graduates as a high value addition to be 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 a high level of learning experience.

SLIIT endeavors to create an environment conducive to nurturing the inquisitive mind and developing skills for a diversity of challenges; ready to be a leader in contributing to sustainable, technological, social and economic development of Sri Lanka.

**Prof. Ashok Peiris**  
*Dean - Faculty of Engineering*



## Messages from Deans



The International Office at SLIIT values the significance of an increasingly interconnected world. As such, we bring international perspectives to the SLIIT community with “Internationalisation” to raise global awareness and to create an environment that is international in character in teaching, research and outreach.

Towards Internationalization, a host of developments are already in use. Visiting scholars, international collaborations, faculty international expertise and research and enrolment of international students, exposure to knowledge about and from different parts of the world, preparation for communication and work with people from other cultures and countries, are some such developments.

We enjoy partnerships with many leading universities around the globe and they provide opportunities for students to gain meaningful access to the business practices and networks of other countries. Further, graduates leave SLIIT with lifelong contacts, an appreciation of business responsibility to community and society, and a recognition and understanding of the multicultural context of today's business world. Our relationships with leading global companies enhance the career path of our graduates. Our alumni and friends' network is strong, vibrant and is growing both locally and internationally.

Students from countries in the SAARC region and elsewhere, add to the international character of the SLIIT classroom. International students may find studying away from their own countries, both challenging and rewarding. At SLIIT, we provide international students with opportunities to enhance knowledge, immersed in an exciting cross-cultural environment.

Our mission is to supply exceptional individuals for leadership roles in the global economy. Our curriculum and programs, faculty and student body, are all chosen towards provision of a global perspective.

**Dr. Mahesha Kapurubandara**  
*Dean - International*



SLIIT degree programmes incorporate knowledge, attitudes, and skills required to transform GCE A/L school leavers to be employable graduates. The content in these programmes reflects SLIIT's expertise towards quality higher education in Sri Lanka based on strong partnerships with industry and foreign higher education institutions in the UK, the US and Australia. The quality and relevance of the content on all degree programmes are annually reviewed and necessary amendments made to ensure compatibility with higher education and industry requirements and professional bodies across the world.

SLIIT, a member of the Association of Commonwealth Universities, acknowledges the value of research skills to stay ahead in academia and industry. As such, there is sufficient attention paid towards enhancement of research skills among undergraduates with hands on experience in research and research methodology integrated to the curricula. Students who diligently follow SLIIT degree programmes have creditably displayed talents with victories in competitions like the Microsoft Imagine cup, the Asia Pacific ICT alliance award, and the national best quality software award many times. SLIIT students have published and presented research papers in many local and foreign research forums.

SLIIT thrives to be the best academic institution in the region to produce world class graduates towards the betterment of nations.

**Dr. Koliya Pulasinghe**  
*Dean - Graduate Studies and Research*

# SLIIT INTRODUCTION

SLIIT is the premier degree awarding institute approved by the University Grants Commission under the Universities Act. The Institute is also a member of the Association of Commonwealth Universities and International Association of Universities (IAU). We offer Bachelor's and Master's degrees in Computing, Business and Engineering.

Our graduates are globally accepted in view of the high standards maintained.

SLIIT has created a learning and research environment with optimum resources for students. While encouraging students to be innovative and committed towards excellence, SLIIT aims at producing graduates with strong analytical, problem solving and communication skills.

## The objectives of SLIIT highlight the following:

- Education & training of professionals at a high level of excellence in the fields of IT, Business and Engineering
- Assisting and promoting enterprises, innovators and start-up companies with the necessary expertise to achieve business objectives
- Provision of consultancy services and software services to public and private sector enterprises of Sri Lanka at a reasonable cost
- Conduct and promote of research & development leading to specialized applications, services and innovative technology products
- Expanding horizons in the fields of IT, Business and Engineering to reach international level

To achieve these objectives SLIIT conducts programmes of studies leading to BSc, BEng and BBA Degrees, BSc and BBA Special Honours Degrees, Postgraduate Diplomas, MSc Degrees, and several continuing Professional Development programmes in niche areas in IT, Business Management and Engineering.

The SLIIT research centre is established to foster and promote research among the academic staff and students. SLIIT has also established a Software Engineering Services Division to undertake software and consultancy services and the Sri Lanka Technology Incubator to undertake and promote research and development.

The Degree programmes of the Institute are designed in such a manner that a student can receive an Associate Diploma, a Diploma, and an Advanced Diploma / Bachelor Degree while continuing studies towards the BSc / BBA / BEng Special Honours Degree. Students can also choose alternative pathways to graduate from a partner university of SLIIT after successfully completing the Diploma.

Candidates who exit these programmes at different levels for employment or for any other reason may rejoin the respective programme at appropriate levels for final graduation.



## WHY SLIIT?

Highly qualified, dedicated in-house academic staff, professional career focused education, innovative study programmes, outstanding facilities are some of the reasons that make SLIIT the right choice for you. SLIIT ensures its students a learning experience that is enriching and enlightening.



All students entering SLIIT follow orientation courses prior to embarking on the degree programme. They are designed to improve English Language Skills, Mathematical Skills and Computer Skills. The course in Mathematical Skills is helpful especially to students from the non-mathematical streams and the course in Computer Skills is helpful to those who are not familiar with basic computer skills.

The course in English Language Skills is intended to improve the reading, writing, listening and speaking abilities in English as all SLIIT programmes are conducted in the English medium.

The orientation courses will be conducted before the programme commencement and will benefit new students. In addition, communication skills enhancement methods are built into the curricula and assessment schemes.

## SLIIT

Sri Lanka's premier Degree awarding Institute in the field of Information Technology, Business and Engineering. SLIIT degrees are approved by the University Grants Commission under the Universities' Act. SLIIT is a member of the Association of Commonwealth Universities, United Kingdom and the International Association of Universities.



Presently, SLIIT operates two Campuses - the Colombo Metropolitan Campus at Kollupitiya, the Malabe Campus, and few centres in Matara, Kandy, Jaffna and Kurunegala.

The total enrolment of students at SLIIT for Bachelor's Degree Programmes is about 8,000. A further 1,000 students follow Master's Degree Programmes, Postgraduate Diploma and other Professional Development Programmes.

SLIIT provides modern facilities for students to pursue their studies. These include fully air-conditioned lecture theatres, laboratories, auditoria, libraries and reading rooms, rest areas and canteens.

SLIIT also provides facilities for indoor and outdoor sports and a variety of other activities. SLIIT Laboratories comprise PC laboratories, UNIX laboratories, multi-media laboratories, data-communication laboratories, software development laboratories, project laboratories, postgraduate laboratories and a bio-technology laboratory.

All courses conducted at SLIIT are supported by an advanced Learning Management System (LMS) that provides electronic access to all course resources from anywhere in the world, facilitating anywhere anytime learning to SLIIT students. To complement e-learning, all undergraduate students are provided with an e-mail account.

Students have free access to Libraries which hold a collection of books and periodicals covering the entire range of studies offered at the Institute.

All students are provided with study material, in the form of books compiled by the Institute prior to commencement of classes for each semester.

Students are taught and instructed by highly trained professional staff. All students are provided with free access to computer laboratories and the Internet.

# SLIIT CAMPUSES

## SLIIT Malabe Campus

### SLIIT Malabe Campus

New Kandy Road

Malabe

Tel: +94 (0) 11 241 3900

Fax: +94 (0) 11 241 3901

Email: info@sliit.lk

The Malabe Campus of the SLIIT which offers mainly the Undergraduate programmes is situated on a 25 acre site in a serene environment in Malabe. SLIIT Malabe Campus has a set of aesthetically designed, modern buildings comprising of a ten storeyed building,

This building complex has a built-up area of over 200,000 square feet and comprises of lecture theatres, laboratories, auditoria, communication facilities, library and reading rooms, administration and service facilities, canteens and other infrastructure

The Malabe Campus of the SLIIT is situated on a 25 acre site in a serene environment in Malabe overlooking the enchanting central hills of the mid country.

a seven storeyed building, a four storeyed building, a two storeyed building and a large auditorium.

requirements such as lifts and stand-by generators.

The campus has a large playing field, tennis courts, basket ball, table tennis courts and a jogging track.



### At this Campus the following programs are conducted:

- BSc (Hons) Degree in Information Technology specializing in
  - Information Technology
  - Computer Systems & Networking
  - Information Systems
  - Software Engineering
  - Interactive Media
  - Cyber Security
- BBA (Hons) Degree specializing in
  - Human Capital Management
  - Accounting & Finance
  - Marketing Management
  - Management Information Systems
  - Quality Management
- BSc Eng (Hons) Degree in
  - Civil Engineering
  - Electrical & Electronic Engineering
  - Materials Engineering
  - Mechanical Engineering
  - Mechanical Engineering (Mechatronics)
- BSc (Computing) Software Engineering of Curtin University, Australia
- B-Tech in Computer Systems & Networking of Curtin University, Australia

- BEng (Hons) in Software Engineering (SHU)
- BEng in Civil & Construction Engineering of Curtin University, Australia
- BEng in Computer Systems Engineering of Curtin University, Australia
- BEng in Electrical & Power Engineering of Curtin University, Australia
- BEng in Mechanical Engineering of Curtin University, Australia
- BEng in Electronic Engineering, Sheffield Hallam University, UK
- MEng in Electrical & Electronics Engineering, Sheffield Hallam University, UK

Further, in-house facilities are available at the:

- Software Design and Development Division
- Research and Development Incubator
- SLIIT Research Centre

All study / common areas are WiFi enabled. Laboratories, lecture theatres, library and reading rooms are centrally air-conditioned & are provided with automatic lifts, fire detection and control systems and TV camera surveillance.

## SLIIT Metropolitan Campus

### SLIIT Metro Campus

BoC Merchant Tower  
28 St. Michael's Road  
Colombo 3

Tel: +94 (0) 11 230 1904  
Fax: +94 (0) 11 230 1906  
Email: info@sliit.lk

The Colombo Metropolitan Campus of the SLIIT is located at the BoC Merchant Tower in Colombo 03. This building is centrally located and is very close to the Kollupitiya Junction with readily available public transport services in all directions.

The BoC Merchant Tower in an impressive and an imposing building with a panoramic view of the vast blue expanse of the Indian Ocean to the west and the misty mountain range of the central highlands to the east.

The BoC Merchant Tower is an impressive and an imposing building with a panoramic view of the vast blue expanse of the Indian Ocean to the West and the misty mountain range of the central highlands to the East.

The building is centrally air-conditioned and is served with automatic lifts, fire detection and control systems, a TV camera surveillance system and provides a fine conducive environment for study and research.



### At this Campus the following programs are conducted:

- BSc (Hons) Degree in Information Technology specializing in
  - Information Technology
  - Computer Systems & Networking
  - Information Systems
  - Software Engineering
  - Interactive Media
  - Cyber Security
- BBA (Hons) Degree specializing in
  - Human Capital Management
  - Accounting & Finance
  - Marketing Management
  - Management Information Systems
  - Quality Management
- BSc (Computing) Software Engineering of Curtin University, Australia
- B-Tech in Computer Systems & Networking of Curtin University, Australia
- MSc in Information Technology
- MSc in Information Management
- MSc in Information Systems
- MSc in Enterprise Applications Development of Sheffield Hallam University, UK

- MSc in Telecommunication & Electronic Engineering of Sheffield Hallam University, UK
- Graduate Diploma in Cyber Security of Curtin University, Australia

After the first two years, students are transferred to the Malabe Campus for further specialized studies. In-house facilities are also available to conduct Professional Development courses Research and Development.

The CISCO Regional Networking Academy, the Microsoft IT Academy, the Pearson VUE Authorized Testing centre and Prometric Testing Centre for International Certification is also located at the Metropolitan Campus.

SLIIT facilities are located on the 4, 9, 12, 13, 15 and 16 Levels of the BoC Merchant Tower. A restaurant is provided at the 10th level and banking facilities are available at the 1st and 2nd levels.

## SLIIT Kandy Centre

### SLIIT Kandy Centre

76 Peradeniya Road  
 Gatambe  
 Kandy

Tel: +94 (0) 81 238 7888  
 Fax: +94 (0) 81 238 7888  
 Email: info@sliit.lk

The Kandy Centre of SLIIT was established in January 2002 in collaboration with Ewis Career Training (Pvt) Ltd to admit 150 students for the first year of the degree programme. The Campus is located at 76, Peradeniya Road, Gatambe, Kandy.

This centre was established for the convenience of students in and around Kandy to embark on higher education in Information Technology and Business Management while being in Kandy in the first year.

This Centre also has all infrastructure facilities such as: laboratories, library and lecture rooms for the first year students to follow the identical programme as at other Campuses. Students can earn the Associate Diploma in Information Technology of the SLIIT at the Kandy Centre. On completion of such studies, students can transfer to the Colombo Metropolitan Campus or the Malabe Campus to continue their studies towards the Diploma, the BSc degree, BBA degree and the BSc Special Honours degree.



## SLIIT Matara Centre

### SLIIT Matara Centre

24 E. H. Cooray Tower  
 Anagarika Dharmapala Mawatha  
 Matara

Tel: +94 (0) 41 222 1048  
 +94 (0) 41 222 2958  
 Fax: +94 (0) 41 222 1048  
 Email: info@sliit.lk

The Matara centre of the SLIIT was established in 2004 and is situated in the heart of the Matara Town by the Broadway. The centre admits up to 100 students for the first year of the degree program.

This centre was established for the convenience of students in and around Matara. This campus also has all facilities for the first year and second year students to follow the identical

programmes as at other campuses. Students can earn the Associate Diploma in Information Technology and the Diploma of the SLIIT at the Matara Centre. On completion of such studies, students can transfer to the Colombo Metropolitan Campus or the Malabe Campus to continue their studies towards the BSc degree and the BSc Special Honours degree.



## SLIIT Jaffna Centre

### SLIIT Jaffna Centre

53 Point Pedro Road  
Jaffna

Tel: +94 (0) 21 720 0406  
+94 (0) 21 720 0407

Email: info@sliit.lk

The Jaffna Centre of SLIIT was established in 2010 in collaboration with Ewis Career Training (Pvt) Ltd to admit 100 students for the first year of the degree program. The centre is located at 53, Point Pedro, Jaffna.

This centre was established for the convenience of students in and around Jaffna to embark on higher education in Information Technology while being in Jaffna in the first year.

This centre comprises all the infrastructure facilities such as: laboratories, library and

lecture rooms for the first year students to follow the identical program as at other campuses.

Students can earn the Associate Diploma in Information Technology of the SLIIT at the Jaffna Centre. On completion of such studies, students can transfer to the Colombo Metropolitan Campus or the Malabe Campus to continue their studies towards the Diploma, the BSc Degrees and BSc Special Honours degree.



## SLIIT Kurunegala Centre

### SLIIT Kurunegala Centre

Mihindu Mawatha  
Kurunegala

Tel: +94 (0) 37 720 4204  
Email: info@sliit.lk

The Kurunegala Centre of SLIIT was established in 2013 in collaboration with Ewis Career Training (Pvt) Ltd to admit 100 students for the first year of the degree program. The centre is located at Mihindu Mawatha Kurunegala.

This centre was established for the convenience of students in and around Kurunegala city to embark on higher education in Information Technology while being in Kurunegala in the first year.

This centre comprises all the infrastructure facilities such as: laboratories, library and lecture rooms for the first year students to follow the identical program as at other campuses. Students can earn the Associate Diploma in Information Technology of the SLIIT at the Kurunegala Centre. On completion of such studies, students can transfer to the Colombo Metropolitan Campus or the Malabe Campus to continue their studies towards the Diploma, the BSc Degrees and BSc Special Honours degree.





# UNDERGRADUATE PROGRAMMES



A PROMISING FUTURE...

SLIIT, CURTIN, SHEFFIELD HALLAM UNIVERSITY GRADUATES



## SLIIT Degree Programmes

BSc Special (Hons) Degree in  
Information Technology specializing in

- Information Technology
- Computer Systems & Networking
- Information Systems
- Software Engineering
- Interactive Media
- Cyber Security

BSc in Information Technology Degree in

- Information Technology
- Interactive Multimedia Technology

BBA Special (Hons) Degree specializing in

- Human Capital Management
- Accounting & Finance
- Marketing Management
- Quality Management
- Management Information Systems

BSc Eng (Hons) Degree in

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

## Programmes leading to foreign degrees through partner universities

### Curtin University, Australia\*

- BSc in Computer Systems Networking
- BSc in Information Technology
- BSc in Software Engineering
- BEng in Computer Systems Engineering
- Bachelor of Commerce (Mngt / HRM / ACC / BIS / BIT&S)
- Bachelor of Engineering  
(Civil & Construction / Mechanical / Electrical Power)

### William Angliss Institute, Australia \*

- Bachelor of Tourism & Hospitality Management

### Deakin University, Australia\*

- Bachelor of Technology in Information Technology

### Monash University, Australia\*

- Bachelor of Information Technology and Systems

### Royal Melbourne Institute of Technology (RMIT), Australia\*

- Bachelor of Technology (Computer Studies)
- Bachelor of Engineering (Network Engineering)
- Bachelor of Engineering (Computer Systems Engineering)
- Bachelor of Business  
(Logistics and Supply Chain Management / Marketing / Management / Accountancy / Information System / Human Resource Management / Entrepreneurship / International Business)

### Swinburne University, Australia\*

- BSc in Information Technology
- Bachelor of Business

### The University of New Castle, Australia \*

- Bachelor of Information Technology (Digital Entertainment)

### University of South Australia\*

- Bachelor of Computer and Information Science
- Bachelor of Software Engineering
- Bachelor of Information Systems
- Bachelor of Business  
(Management of Information Technology)
- Bachelor of Information and Communications Technology  
(Networking)
- Bachelor of Information Technology  
(Computing and Multimedia)
- Bachelor of Computer and Information Science,  
Bachelor of Management
- Bachelor of Computer and Information Science,  
Bachelor of Business (Commercial Law)
- Bachelor of Computer and Information Science,  
Bachelor of Media Arts

### University of Tasmania, Australia\*

- BSc in Computing (Human Interface Technology, Games Technology and Computing)
- Bachelor of Information Systems
- Bachelor of Business

### La Trobe University, Australia\*

- Bachelor of Business

### QUT, Australia\*

- Bachelor of Corporate Systems Management
- Bachelor of Games and Interactive Entertainment  
(Animation, Digital Media, Games Design)
- Bachelor of Information Technology
- Bachelor of Games and Interactive Entertainment  
(Software Technology)

*\* After completing two years at SLIIT, students may transfer to any of the above Universities.*

### Illinois State University, USA\*\*

- BS in Computer Science
- BS in Network and Telecommunications Management
- BS in Information Systems (Systems Development / Analyst)

### Southeast Missouri State University, USA\*\*

- BSc in Technology Management  
(Major in Telecommunications & Computer Networking)
- BSc in Cyber Security
- BSc in Engineering Technology  
(Major in Electrical & Control)

### University of Cincinnati, USA\*\*

- BSc in Information Technology

### Algoma University, Canada\*\*

- Bachelor of Computer Science (Computer Game Technology, Creative Arts, Business Systems Management)

### Memorial University, Canada\*\*

- Bachelor of Business Administration

*\*\* After completing 2 years at SLIIT students may transfer to any partner university given above for the 4 year degree*

### Sheffield Hallam University, UK

- BSc (Hons) Information Technology\*
- BSc (Hons) Computer Systems & Networks\*
- BSc (Hons) Software Engineering\*
- BEng in Electronic Engineering\*
- BBA in BM\*

### Teesside University, UK\*

- BSc (Hons) Computing

### Aston University, UK\*

- BSc Software Engineering, MEng Software Engineering

*\* After completing 2 years at SLIIT, students may transfer to the final year*

### University of Nottingham, UK\*

- BSc (Hons) Computer Science
- BSc (Hons) Computer Science with Artificial Intelligence

### Robert Gordon University, UK\*

- BSc (Hons) Business Information Systems
- BSc (Hons) Business Information Technology
- BSc (Hons) Computing for Internet and Multimedia

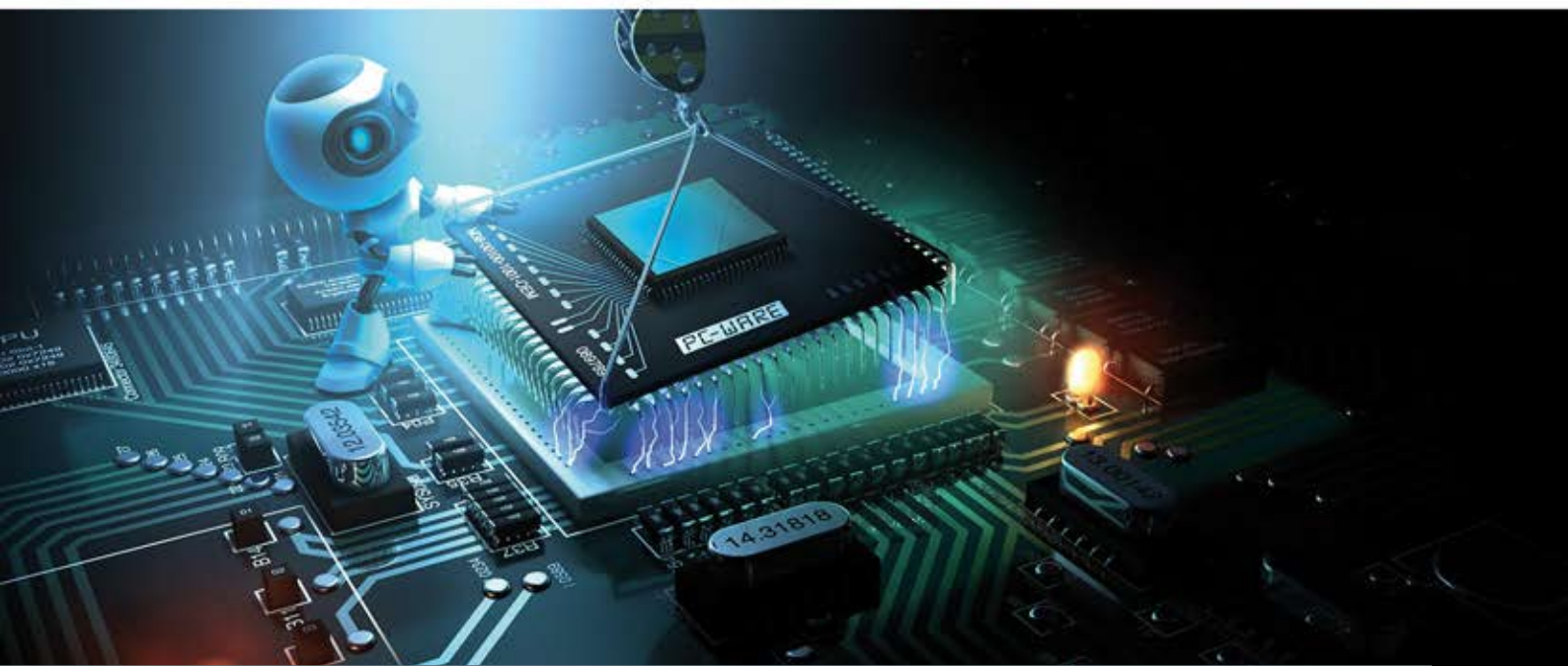
### Loughborough University, UK\*

- BSc Computer Science
- BSc Computer Science with Artificial Intelligence

*\* After completing 2 years at SLIIT, students may transfer to the final two years*

**Note:** For more details of foreign university degree programmes conducted at SLIIT and transfer options to other universities please refer to "Foreign Degree Programmes at SLIIT & Transfer Options" guide.

# FACULTY OF COMPUTING



**INNOVATIVE STUDY PROGRAMMES...**



# UNDERGRADUATE PROGRAMMES IN INFORMATION TECHNOLOGY

## SLIIT BSc Special Honours Degree and Diploma Programmes

The BSc Special Honours Degree programme of SLIIT in Information Technology is of 4 years' duration with two semesters per year. During a semester four to five courses which carry a total of 16 - 20 credits are conducted.

A course carries 3 credits when it involves 3 student contact hours each week or 4 credits when it involves 4 - 5 student contact hours each week for a semester.

The degree programmes have been designed in such a manner that a student has the following options.

- i. Earn an **Associate Diploma in Information Technology** after successful completion of the first year
- ii. Earn a **Diploma in Information Technology** after successful completion of two years.
- iii. Earn an **Advanced Diploma in Information Technology** after successful completion of three years or
- iv. Graduate with a **BSc Special Honours Degree in Information Technology with specialization in Information Technology, Information Systems, Computer Systems & Networking, Software Engineering, Interactive Media or Cyber Security** after successful completion of four years of study

**Programme pathways for IT Degrees / Diplomas are shown in Figure 1**

Each stage is designed to fit into a particular industry segment. This is to satisfy IT / BPO to software engineering and research and development requirements. Students may exit each program before final graduation at different levels on successful completion of course requirements. They can rejoin the programme at the appropriate level and continue after a spell of employment or training in industry or leave of absence, for final graduation subject to necessary registration procedure and approval by SLIIT.

This programme is offered during weekdays and weekends. The weekend programmes are specially designed to cater to those who are currently employed. Examinations will be held during weekdays for all weekday and weekend students.

The BSc Special Honours Degree is awarded by SLIIT as approved by the University Grants Commission under the Universities Act.

Learn through practical sessions, gain hands-on experience, create networks with industry, advance in your career.



# SLIIT BSc Special Honours Degree and Diploma Programmes

## Specializations:

The four-year BSc Special Honours Degree to provide avenues for students to specialize in six different areas namely:

- Information Technology**
- Information Systems**
- Interactive Media**
- Computer Systems & Networking**
- Software Engineering**
- Cyber Security**

Students could choose the area of specialization depending on their preferences and abilities.

## Information Technology

The degree program specializing in Information Technology covers the more technological and applied aspects of computing discipline including software design and software engineering, operating systems, systems administration and technical support, as well as networking.

Graduates from this program typically find positions as software engineers, software developers, software architects, software quality assurance engineers, web developers, IT managers and systems administrators.

## Computer Systems & Networking

The degree program specializing in Computer Systems and Networking covers the computer engineering aspects of computing discipline including: computer hardware, network engineering, embedded systems, communication systems, interface design and automation.

Positions available for such graduates include network engineers, network designers, systems designers, systems administrators, embedded systems designers, embedded software designers, information systems auditors, information security managers, database administrators, IT managers and communication engineers

## Information Systems

The degree program specializing in Information Systems caters to those who are interested in becoming specialists focused on integrating Information Technology solutions and business processes to meet the information needs of business and other enterprises.

Graduates from this program typically find careers as business analysts, systems analysts, and information managers, information specialists, business consultants, ERP analysts, IS auditors and project managers.

## Software Engineering

The degree program specializing in Software Engineering prepares for a professional career by providing the necessary skills needed to develop large scale software systems. It combines a solid foundation in requirements engineering, human computer interaction, software analysis and design,

programming, software quality assurance, communication skills and an understanding of the social effects of IT. Graduates following this programme find positions as: software engineers, mobile application developers, UI engineers, software architects, games developers and software quality assurance engineers.

## Interactive Media

The degree program specializing in Interactive Media covers the more technological and applied aspects of the computing discipline including web development, digital imaging, authoring, animation, and video editing. This programme caters to those who are interested in becoming specialists focused on

multimedia technology. Graduates from this program typically find positions as animator, art director, e-commerce developer, executive producer, graphic designer or artist, interactive designer or interface designer.

## Cyber Security

The degree programme specializing in Cyber Security is aimed at providing graduates with a computing background the opportunity to up skill on their existing qualifications and to advance their knowledge in this key emerging area. The course provides a detailed coverage of the key concepts and challenges in data and resource protection and computer software security.

Graduates should find employment as computer security experts in almost all organizations due to the pervasive nature of modern computing but particular demand will come from the areas of communication industry, financial services, information retrieval and government organizations involved in national security such as the Ministry of Defense.

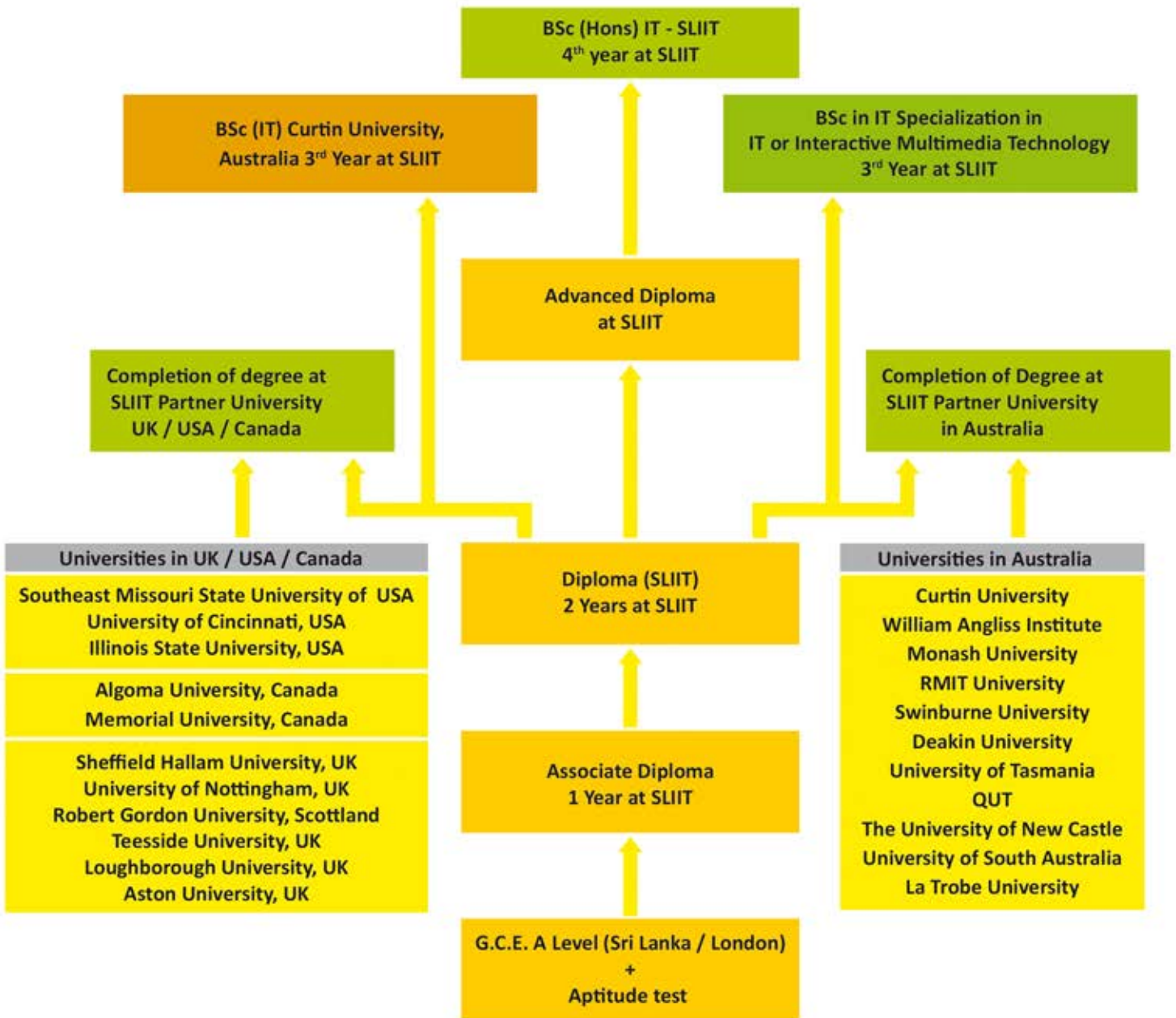


Figure 1  
Programme Pathways for IT Degrees / Diplomas

# DETAILS OF SLIIT DEGREE PROGRAMMES

## BSc Special Honours Degree in Information Technology Field of Specialization: Information Technology

### Orientation Programme

Course No.	Title
MA 001	Mathematical Skills
IT 001	Computer Skills
EL 120	English Language Skills

### Year 1 - Semester 1

Course No.	Title	Credits
EC 143	Data Communication & Computer Networks I	04
IT 100	Computer Fundamentals	04
MA 140	Mathematics for Information Technology	04
IT 101	Introduction to Programming Environments (C++/UNIX)	05
EL 120	English Language Skills I	04
		21

### Year 1 - Semester 2

Course No.	Title	Credits
IT 102	Software Technology I	04
EL 121	English Language Skills II	03
IT 103	Database Management Systems I	04
MA 141	Foundations of Computer Science	04
IT 104	Internet Technology and Applications	04
		19

### Year 2 - Semester 1

Course No.	Title	Credits
IT 200	Software Technology II (Java)	04
IT 220	Software Engineering I	04
EC 244	Computer Graphics & Multimedia	04
IT 201	Database Management Systems II	04
MA 220	Probability & Statistics	04
		20

### Year 2 - Semester 2

Course No.	Title	Credits
CG 200	Data Communication & Computer Networks II	04
IT 221	Software Engineering II	04
IT 240	Design & Analysis of Algorithms	04
IT 202	Systems Programming & Design (Perl / CGI)	04
IT 222	Information Technology Project	04
		20



## BSc Special Honours Degree in Information Technology

### Field of Specialization: Information Technology

#### Year 3 - Semester 1

Course No.	Title	Credits
IT 320	Software Engineering III	04
IT 321	Project Design & Management	04
IT 300	Operating Systems	04
IT 340	Programming Language and Design Concepts	04
BM 391	Economics & Management	03
		19

#### Year 3 - Semester 2

Course No.	Title	Credits
EC 345	Data Communications & Computer Networks III	04
IT 302	Database Management Systems III	04
BM 392	Marketing & Accounting	03
IT 323	Software Engineering Tools & Metrics	04
IT 301	Systems Programming & Design Concepts	04
		19

#### Year 4 - Semester 1

Course No.	Title	Credits
IT 400	IT Project Management	04
IT 403	Comprehensive Design / Analysis Project (IT) I	08
Electives*:		
IT 402	Geographical Information Systems	04
IT 441	Artificial Intelligence & Expert Systems	04
IT 407	Proactive Database Administration	04
IT 440	Image Understanding & Processing	04
IT 424	Software Quality Assurance	04
IT 421	Modern Topics in IT	04
IT 325	Mobile Application Development	04
IT 332	Human Computer Interaction	04
		20

#### Year 4 - Semester 2

Course No.	Title	Credits
IT 425	Comprehensive Design / Analysis Project (IT) II	12
Electives*:		
IT 423	Enterprise Application Development	04
IT 406	Information Systems Security Audit & Control (ISSAC)	04
IT 401	Data Mining & Warehousing	04
IT 442	Parallel Computing	04
BM 351	Entrepreneurship	04
IT 427	Game Development	04
IM 408	Knowledge Management	04
		20

\*Two electives to be chosen with the prior approval of the Academic Department

# DETAILS OF SLIIT DEGREE PROGRAMMES

## BSc Special Honours Degree in Information Technology Field of Specialization: Computer Systems & Networking

### Orientation Programme

Course No.	Title
MA 001	Mathematical Skills
IT 001	Computer Skills
EL 120	English Language Skills

### Year 1 - Semester 1

Course No.	Title	Credits
EC 143	Data Communication & Computer Networks	04
MA 142	Advanced Topics in Mathematics	04
IT 101	Introduction to Programming Environments (C++ / UNIX)	05
EL 120	English Language Skills I	04
EC 122	Electrical Engineering I	04
		21

### Year 1 - Semester 2

Course No.	Title	Credits
IT 102	Software Technology I	04
EL 121	English Language Skills II	03
IT 103	Database Mgmt. Systems I (Oracle/SQL server)	04
EC 123	Electrical Engineering II	04
IT 104	Internet Technology and Applications	04
		19

### Year 2 - Semester 1

Course No.	Title	Credits
IT 200	Software Technology II (JAVA)	04
IT 220	Software Engineering I	04
EC 244	Data Communications & Computer Networks II	04
IT 201	Systems Programming & Design (Perl/CGI)	04
MA 220	Probability & Statistics	04
		20

### Year 2 - Semester 2

Course No.	Title	Credits
IT 221	Software Engineering II	04
EC 245	Real-Time Operating Systems	04
EC 242	Embedded Software Design	04
EC 292	Engineering Management	04
EC 243	Transmission & Interface Design	04
		20

## BSc Special Honours Degree in Information Technology

### Field of Specialization: Computer Systems & Networking

#### Year 3 - Semester 1

Course No.	Title	Credits
EC 300	Embedded Systems Engineering	04
EC 341	Wireless Data Networks	04
IT 370	Rapid Application Development	04
BM 391	Economics & Management	03
EC 340	Distributed Networks	04
		19

#### Year 3 - Semester 2

Course No.	Title	Credits
BM 392	Marketing & Accounting	03
EC 342	Computer Technology Project II	04
EC 343	Network Systems Design	04
EC 344	Network Engineering	04
EC 360	Computer Communications	04
		19

#### Year 4 - Semester 1

Course No.	Title	Credits
EC 481	Comprehensive Design / Analysis Project (CS & N) I	08
EC 440	Enterprise Network Security	04
Electives*:		
EC 441	Design & Management of Enterprise Networks	04
IT 407	Proactive Database Administration	04
IT 422	Distributed Component based Software Development	04
IT 441	Artificial Intelligence	04
EC 408	Information Storage Management	04
IT 400	IT Project Management	04
IM 404	Business Process Re- engineering Modeling	04
IT 440	Image Understanding & Processing	04
IT 322	Human Computer Interaction	04
IT 325	Mobile Application Development	04
		20

#### Year 4 - Semester 2

Course No.	Title	Credits
EC 482	Comprehensive Design / Analysis Project (CS & N) II	12
Electives*:		
EC 460	Communication Systems	04
IT 406	Information Systems Security Audit & Control	04
IT 401	Data Mining & Warehousing	04
BM 351	Entrepreneurship	04
EC 462	Enterprise Standards and Best Practices for IT Infrastructure	04
EC 461	Optical Networking Technologies	04
IT 427	Game Development	20

\*Two electives to be chosen with the prior approval of the Academic Department

# DETAILS OF SLIIT DEGREE PROGRAMMES

## BSc Special Honours Degree in Information Technology

### Field of Specialization: Information Systems

#### Orientation Programme

Course No.	Title
MA 001	Mathematical Skills
IT 001	Computer Skills
EL 120	English Language Skills

#### Year 1 - Semester 1

Course No.	Title	Credits
EC 143	Data Communication & Computer Networks	04
IT 100	Computer Fundamentals	04
MA 140	Mathematics for Information Technology	04
IT 101	Introduction to Programming Environment (C++ / Unix)	05
EL 120	English Language Skills 1	04
		21

#### Year 1 - Semester 2

Course No.	Title	Credits
IT 102	Software Technology I	04
IT 103	Database Management Systems I	04
MA 141	Foundations of Computer Science	04
IT 104	Internet Technology & Applications	04
EL 120	English Language Skills II	03
		19

#### Year 2 - Semester 1

Course No.	Title	Credits
IM 201	Information Systems & Methodologies	04
BM 102	Principles of Management	03
EC 246	Design and Management of Computing Infrastructure	04
IM 203	Information Systems & Problem Analysis	03
IT 270	Java Programming	04
		18

#### Year 2 - Semester 2

Course No.	Title	Credits
IM 209	Business Statistics	04
BM 141	Principles of Marketing	03
IM 204	Advanced Analysis & Object Oriented Design	04
IT 202	Database Management Systems II	04
IM 206	Information Systems Project	04
BM 105	Fundamentals of Economics	03
		22

## BSc Special Honours Degree in Information Technology

### Field of Specialization: Information Systems

#### Year 3 - Semester 1

Course No.	Title	Credits
BM 306	Business Ethics & Values	02
BM 301	Project Management	04
BM 202	Organizational Behavior	03
IM 301	Management Information Systems	03
BM 121	Human Resource Management	03
BM 111	Fundamentals of Accounting	03
		18

#### Year 3 - Semester 2

Course No.	Title	Credits
IM 304	Enterprise Resource Planning	03
IM 306	E-Business Strategy, Architecture & Design	04
IT 371	Information Security Management	03
IM 303	Information Systems, Theory & Practice	03
BM 303	Business Operations	03
IT 302	Database Management Systems III	04
		20

#### Year 4 - Semester 1

Course No.	Title	Credits
IM 401	Comprehensive Research Project (IM) - I	08
IM 404	Business Process Re-Engineering	04
2 Electives:		
IT 322	Human Computer Interaction	04
IM 409	Change Management in IT Implementation	04
IM 405	Human Resource Information Systems	04
IT 424	Software Quality Assurance	04
		20

#### Year 4 - Semester 2

Course No.	Title	Credits
IM 402	Comprehensive Research Project (IM) - II	12
2 Electives:		
IM 410	Supply Chain Management	04
BM 450	Entrepreneurship	04
EC 441	Design and Management of Enterprise Networks	04
IM 408	Knowledge Management	04
IT 406	Information Systems Security Audit & Control	04
		20

# DETAILS OF SLIIT DEGREE PROGRAMMES

## BSc Special Honours Degree in Information Technology Field of Specialization: Software Engineering

### Orientation Programme

Course No.	Title
MA 001	Mathematical Skills
IT 001	Computer Skills
EL 120	English Language Skills

### Year 1 - Semester 1

Course No.	Title	Credits
EC 143	Data Communication & Computer Networks	04
IT 100	Computer Fundamentals	04
MA 140	Mathematics for Information Technology	04
IT 101	Introduction to Programming Environments (C++/UNIX)	05
EL 120	English Language Skills I	04
		21

### Year 1 - Semester 2

Course No.	Title	Credits
IT 102	Software Technology I	04
EL 121	English Language Skills II	03
IT 103	Database Management Systems I	04
MA 141	Foundations of Computer Science	04
IT 104	Internet Technology and Applications	04
		19

### Year 2 - Semester 1

Course No.	Title	Credits
IT 200	Software Technology II (Java)	04
IT 220	Software Engineering I	04
EC 244	Computer Graphics & Multimedia	04
IT 201	Database Management Systems II	04
MA 220	Probability & Statistics	04
		20

### Year 2 - Semester 2

Course No.	Title	Credits
CG 200	Data Communication & Computer Networks II	04
IT 221	Software Engineering II	04
IT 240	Design & Analysis of Algorithms	04
IT 202	Systems Programming & Design (Perl / CGI)	04
IT 222	Information Technology Project	04
		20

## BSc Special Honours Degree in Information Technology

### Field of Specialization: Software Engineering

#### Year 3 - Semester 1

Course No.	Title	Credits
IT 320	Software Engineering III	02
IT 301	Systems Programming and Design Concepts	04
IT 325	Mobile Application Development	04
IT 322	Human Computer Interaction	04
IT 327	Software Engineering Project 1	04
		20

#### Year 3 - Semester 2

Course No.	Title	Credits
IT 324	Software Architecture	04
IT 328	Software Engineering Project	04
IT 326	Software Engineering Testing	04
IT 323	Software Engineering Tools & Metrics	04
IT 302	Database Management Systems III	04
		20

#### Year 4 - Semester 1

Course No.	Title	Credits
IT 425	Comprehensive Design / Analysis Project I (SE)	08
IT 400	IT Project Management	04
IT 421	Modern Topics in IT	04
Electives*:		
IT 441	Artificial Intelligence	04
IT 407	Proactive Database Administration	04
IT 440	Image Understanding Processing	04
		20

#### Year 4 - Semester 2

Course No.	Title	Credits
IT 425	Comprehensive Design / Analysis Project II (SE)	12
IT 423	Enterprise Application Development	04
1 Elective:		
IT 427	Game Development	04
IT 401	Data Mining & Warehousing	04
IT 442	Parallel Computing	04
		20

\*One elective to be chosen with the prior approval of the Academic Department

# DETAILS OF SLIIT DEGREE PROGRAMMES

## BSc Special Honours Degree in Information Technology

### Field of Specialization: Interactive Media

#### Orientation Programme

Course No.	Title
MA 001	Mathematical Skills
IT 001	Computer Skills
EL 120	English Language Skills

#### Year 1 - Semester 1

Course No.	Title	Credits
EC 143	Data Communication & Computer Networks	04
IT 100	Computer Fundamentals	04
MA 140	Mathematics for Information Technology	04
IT 101	Introduction to Programming Environments (C++/UNIX)	05
EL 120	English Language Skills I	04
		21

#### Year 1 - Semester 2

Course No.	Title	Credits
IT 102	Software Technology I	04
EL 121	English Language Skills II	03
IT 103	Database Management Systems I	04
MA 141	Foundations of Computer Science	04
IT 104	Internet Technology and Applications	04
		19

#### Year 2 - Semester 1

Course No.	Title	Credits
IT 200	Software Technology II (Java)	04
IT 220	Software Engineering I	04
EC 244	Computer Graphics & Multimedia	04
IT 201	Database Management Systems II	04
MA 220	Probability & Statistics	04
		20

#### Year 2 - Semester 2

Course No.	Title	Credits
CG 200	Data Communication & Computer Networks II	04
IT 221	Software Engineering II	04
IT 240	Design & Analysis of Algorithms	04
IT 202	Systems Programming & Design (Perl / CGI)	04
IT 222	Information Technology Project	04
		20



## BSc Special Honours Degree in Information Technology

### Field of Specialization: Interactive Media

#### Year 3 - Semester 1

Course No.	Title	Credits
CG 300	Technical Evolution of Multimedia	02
CG 301	3D Modeling & Animation	04
CG 302	Design Ideation & Creative Communication	04
CG 303	Multimedia Systems	04
CG 304	Games Technology	04
		20

#### Year 3 - Semester 2

Course No.	Title	Credits
CG 305	Digital Video Production & Delivery	04
CG 306	3D Web Development	04
CG 307	User Experience(UX) Designing	04
CG 308	Games Programming	04
CG 309	Image Processing	04
		20

#### Year 4 - Semester 1

Course No.	Title	Credits
IT 400	Information Technology Project Management**	04
CG 404	Multimedia Project Phase I	08
Electives*:		
CG 400	Digital Marketing	04
CG 401	Managing Multimedia Projects	04
IT 322	Human Computer Interaction**	04
IM 408	Knowledge Management**	04

#### Year 4 - Semester 2

Course No.	Title	Credits
CG 405	Multimedia Project Phase II **	12
Elective*:		
MM 402	Multimedia Instructional Designing	04
IT 325	Mobile Application Development	04
IT 441	Artificial Intelligence	04
BM 351	Entrepreneurship**	04

\* Two electives to be chosen \*\* Existing assessment criteria applies

# DETAILS OF SLIIT DEGREE PROGRAMMES

## BSc Special Honours Degree in Information Technology Field of Specialization: Cyber Security

### Orientation Programme

Course No.	Title
MA 001	Mathematical Skills
IT 001	Computer Skills
EL 120	English Language Skills

### Year 1 - Semester 1

Course No.	Title	Credits
EC 143	Data Communication & Computer Networks I	04
IT 100	Computer Fundamentals	04
MA 140	Mathematics for Information Technology	04
IT 101	Introduction to Programming Environments (C++/UNIX)	05
EL 120	English Language Skills I	04
		21

### Year 1 - Semester 2

Course No.	Title	Credits
IT 102	Software Technology I	04
EL 121	English Language Skills II	03
IT 103	Database Management Systems I	04
MA 141	Foundations of Computer Science	04
IT 104	Internet Technology and Applications	04
		19

### Year 2 - Semester 1

Course No.	Title	Credits
IT 200	Software Technology II (Java)	04
IT 220	Software Engineering I	04
EC 244	Computer Graphics & Multimedia	04
IT 201	Database Management Systems II	04
MA 220	Probability & Statistics	04
		20

### Year 2 - Semester 2

Course No.	Title	Credits
CG 200	Data Communication & Computer Networks II	04
IT 221	Software Engineering II	04
IT 240	Design & Analysis of Algorithms	04
IT 202	Systems Programming & Design (Perl / CGI)	04
IT 222	Information Technology Project	04
		20

## BSc Special Honours Degree in Information Technology

### Field of Specialization: Cyber Security

#### Year 3 - Semester 1

Course No.	Title
IT 3650	Introduction to Cyber Security
IT 3651	Applied Information Assurance
IT 3652	Network Security
IT 3653	Secure Software Systems
IT 3654	Information Security Risk Management

#### Year 3 - Semester 2

Course No.	Title
IT 3655	Data and Operating System Security
IT 3656	Information Security Policy & Management
IT 3657	Cryptography
IT 3658	Information Security Project
IT 3659	Enterprise Standards for Information Security
	Internship (Governance / Risk / Compliance)

#### Year 4 - Semester 1

Course No.	Title
IT 4650	Cyber Security Research Project I
	3 Electives:
IT 4652	Offensive Hacking: Tactical & Strategic
IT 4653	Security Economic Analysis
IT 4654	Information Warfare
IT 4655	Secure Software Engineering
IT 4656	Hardware Security

#### Year 4 - Semester 2

Course No.	Title
IT 4651	Cyber Security Research Project II
	2 Electives:
IT 4657	Cyber Forensics & Incident Response
IT 4658	Governance & Cyber Law Clinic
IT 4659	Design Management of Secure Enterprise Architecture

# UNDERGRADUATE PROGRAMMES IN INFORMATION TECHNOLOGY

## BSc In Information Technology

Bachelor of Science in Information Technology will equip you with the necessary skills and understanding to develop your career in the wider area of IT project development where practical web, database and multimedia skills are required.

The degree will nurture your development not just as an IT expert, but also as a creative thinker, allowing you to learn and explore through a combination of technology and imagination. This is a University Grants Commission approved study programme, conducted by SLIIT Computing, in association with SLIIT.

This programme will give the student the ability to critically evaluate, design, meet specifications, ascertain requirements, create solutions and communicate your ideas to other computing professionals/end users in the IT industry.

This is a University Grants Commission approved study programme, conducted by SLIIT Computing, in association with SLIIT.

### Why Choose This Programme?

- This degree programme is designed in such a manner that a candidate has several exit options such as National Diploma in IT and BSc in IT in 2nd year and 3rd year respectively.
- Throughout the course, but especially in final year, you have the freedom to construct your own programme from a wide range of modules and graduate in BSc in IT with specialization in Information Technology, Interactive Multimedia Technology or follow a foreign degree programme with a partner university. This keeps your career options flexible, providing the broad base that most employers are looking for.
- Prepare yourself for a career in the IT industry through a mix of academic, professional and practical work, with opportunities such as industry collaborated professional mentoring support and internships.

Programme Pathways for BSc in Information Technology / Interactive Multimedia Technology are shown in figure 2

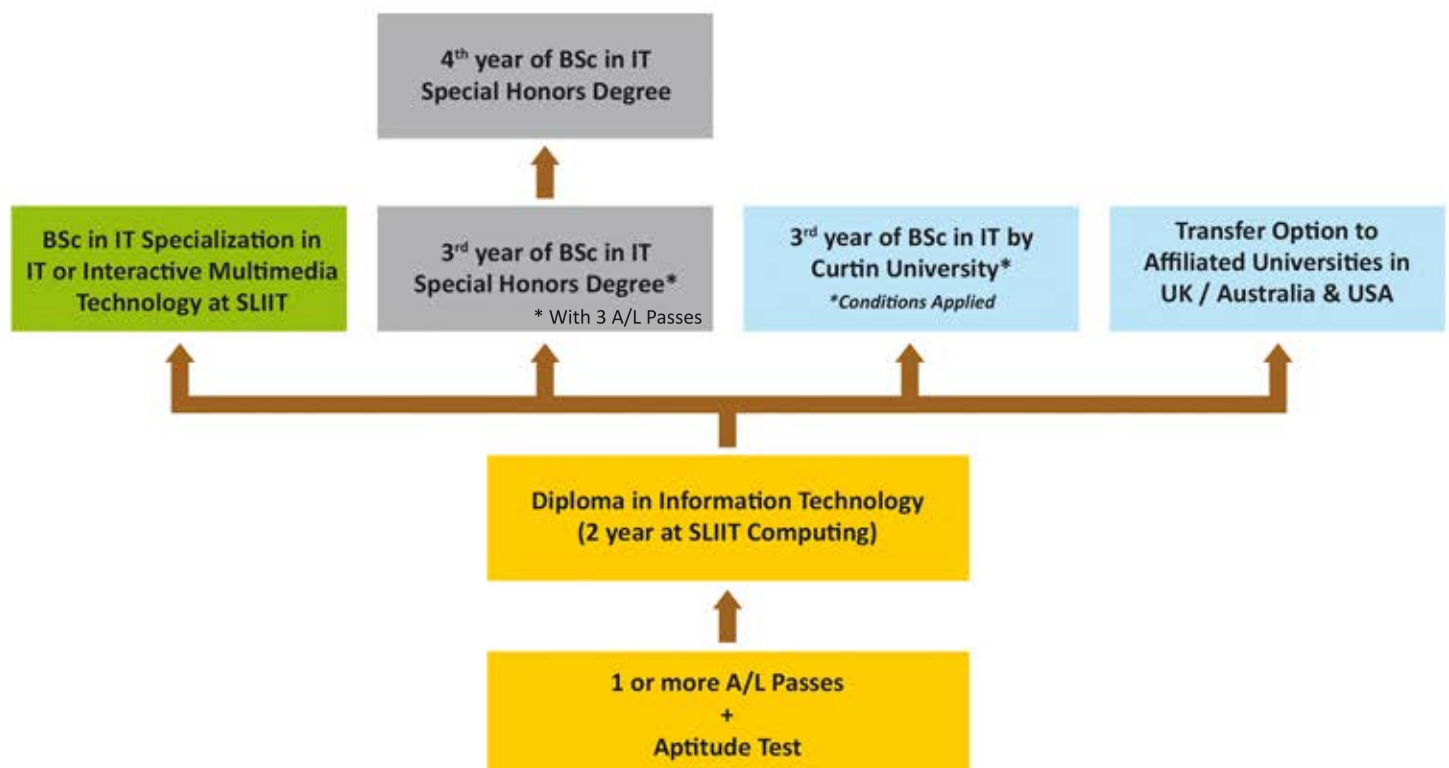


Figure 2  
Programme Pathways for IT / Interactive Multimedia Technology

# DETAILS OF SLIIT DEGREE PROGRAMMES

## BSc in Information Technology

### Orientation Programme

Title
Foundation of Mathematical Skills
Communication Skills in English

### Year 1 - Semester 1

Title
Fundamentals of Information Technology
Computer Programming Techniques and Practices
Introduction to Programming (C / C++)
Business English & Communication Skills
Mathematics for Information Technology

### Year 1 - Semester 2

Title
Data Communications & Computer Networks
Systems Analysis & Design
Object Oriented Programming (JAVA)
Database Management Systems
Technical Communication

### Year 2 - Semester 1

Title
Web Development
Computer Graphics & Multimedia
Computer Hardware & Operating Systems
Object Oriented Analysis & Design
Economics & Management

### Year 2 - Semester 2

Title
TCP / IP Networking Concepts
Object Relational Database Management Systems
Data Structures and Algorithms
Design & Analysis of Algorithms
Information Technology Project

### Specialization in Information Technology

#### Year 3 - Semester 1

Title
Software Engineering Tools & Metrics
Computer Network Designing & Implementation
IT Project Design & Management
Comprehensive Design / Analysis Project I
Modern Topics in IT

#### Year 3 - Semester 2

Title
Distributed Component Based Software Development
Marketing & Business Law
Software Quality Assurance
Comprehensive Design / Analysis Project II

### Specialization in Interactive Multimedia Technology

#### Year 3 - Semester 1

Title
Technical Evolution of Multimedia
Digital Media Production & Animation
Design Ideation and Creative Communication
3D Web Development
Comprehensive Design/Analysis Project (Multimedia) I

#### Year 3 - Semester 2

Title
Games Technology
Games Programming
Product Publishing, Delivering and Marketing
Comprehensive Design / Analysis Project (Multimedia) II

[www.sliit.lk](http://www.sliit.lk)



# FACULTY OF BUSINESS

INNOVATIVE STUDY PROGRAMMES...

# UNDERGRADUATE PROGRAMMES IN BUSINESS MANAGEMENT

## SLIIT BBA Special Honours Degrees and Diploma Programmes

The BBA Special Honours Degree programme of SLIIT is of 4 years duration with two semesters per year. Five to six courses are conducted during a semester carrying a total of 16 - 20 credits.

A course carries 3 credits when it involves 3 student contact hours each week, or 4 credits when it involves 4 - 4½ student contact hours each week, for a semester.

The design of the degree programme allows students to earn a valuable qualification at the end of 2nd year onwards, on successful completion of the prescribed modules:

2 Year: **Diploma in Business Management**

3 Year: **Advanced Diploma in Business Management**

4 Year: **BBA Special Honours Degree**

*Programme pathways for Business Degrees / Diplomas are shown in Figure 3*

The Students exit each programme after successfully completion of level can re-join after a spell of employment or training in industry, or leave of absence, at an appropriate level. Such rejoining will be subject to necessary registration procedure and approval by SLIIT.

After completion of the 1st year, apart from developing requisite communication skills, will also enable the student to gain an overall conceptual grasp of the theoretical academic content, thus forming a solid base on which to develop an understanding of the advanced modules presented in later years. The Diploma level covers a broader range of theory, equipping the student with the knowledge and skills necessary to work in industry at a junior executive or Technician level.

The advanced inputs provided in the third year will qualify the student to receive the Advanced Diploma in Business Management.

It is on this solid foundation that a student will commence the fourth year of specialized study for the completion of the BBA Special Honours Degree.

The aim of the programme is to produce well- rounded graduates who; those with a holistic view of organizations and processing the right skills, aptitude and more importantly and appropriate attitude. The Special Honours Degree Programme, while providing students with skills essentials to the area of their specialization, will also give them the ability to think and act and solve problems independently but ever mindful of the effects of their action on the wider organization. As such, they will be specialists with a generalist mind-set and approach; an asset to any organization.

The BBA Special Honours Degree is awarded by SLIIT as approved by the University Grants Commission under the Universities Act.



## SLIIT BBA Special Honours Degrees and Diploma Programmes

### Specializations:

Modern business management calls for a multi-disciplinary approach. The Special Honours Degree is spread over four years. The 1st two years have been designed to provide a broad knowledge in a range of disciplines the second half of the programme focuses on the respective specialized subject disciplines a compulsory year long supervised research

project aims to develop the students' research skills and the ability to independently inquire and find solutions to business issues. In order to gain a real life exposure to the industry, students are encouraged to undergo a business internship programme prior to completion of the degree programme.

The programme will allow for concentration on one of five distinct specializations in accordance with their preferences and abilities, as below:

- **Human Capital Management**
- **Accounting & Finance**
- **Marketing Management**
- **Quality Management**
- **Management Information Systems**

### Human Capital Management

The Degree Programme specializing in Human Capital Management (HCM) covers the theoretical foundation of HCM whilst providing a sound appreciation of other related business disciplines. The programme will further provide students with the knowledge, skills and social awareness necessary to manage people, whether nationally, or internationally.

As the name implies, people need to be viewed not just as a resource, but rather, as a capital asset available to an organization. From this point of view, managing people is concerned with much more than just personnel, or human resources management. It is therefore more concerned with development, retention and motivation, building teams, and getting them to work towards a common objective. There is a growing awareness of the importance of the function by businesses both large and small as is evidenced by the increasingly competitive levels of pay offered to HCM professionals. Moreover, availability of HCM positions continues to grow in tandem with international expansion of business. Our graduates can therefore look forward to excellent career prospects.



### Marketing Management

As competition intensifies, marketers realize that marketing only products and services no longer suffices, and that they also need to market their respective organizations; a more holistic concept by far. Marketing need to be seen as a strategic management process.

The programme will enable the student to gain an entirely new perspective; view of the organization as well as the customer.

Starting with the universally applicable fundamentals, the special programme will provide the student an in-depth knowledge of the art and science of marketing as is practiced in today's competitive business environment.

### Accounting & Finance

Knowledge of Accounting and Finance are essential for the management of a business. A sound grasp of fundamentals is required to keep pace with the rapid changes and increasing complexity of modern business; especially true for the Accounting and Finance disciplines.

Building on the strong foundation laid in the first three years of study, the Special Degree Programme allows the student to acquire an in-depth knowledge required by an expert in Finance and Accounting. Moreover, electives that are available in the final year allow a student an avenue for further specialization in a selected field.





## SLIIT BBA Special Honours Degrees and Diploma Programmes



### Quality Management

As globalization continues, traditional methods of managing a business are no longer adequate. Enhanced competition compels on-going improvement of all aspects of an organization. A quality philosophy based on continuous improvement is mandated. Only then could an organization thrive in the long term. While providing the theoretical knowledge base required, the Degree Programme specializing in Quality Management builds on this solid foundation through a comprehensive input ranging from statistical analysis, and other Japanese inspired techniques to total quality management, within both service and manufacturing related industries. Practical inputs such as quality auditing, ISO certification and Six Sigma are also covered, thus providing the student with an all embracing grasp of the subject.

### Management Information Systems

Rapid development of Information Technology has enabled the development of more efficient and effective management techniques. Building on business management inputs, the MIS specialization allows the students to gain up-to-date knowledge on the theoretical and practical aspects of using, developing, and managing information systems within organizations.

As organizations become ever more dependent on information technology, which itself is improving at a rapid pace, organizations will increasingly need managers with a sound grasp of the complexities and potentialities inherent within the discipline. There are no doubt those future managers will need more than a nodding acquaintance with IT; this programme is designed to provide.



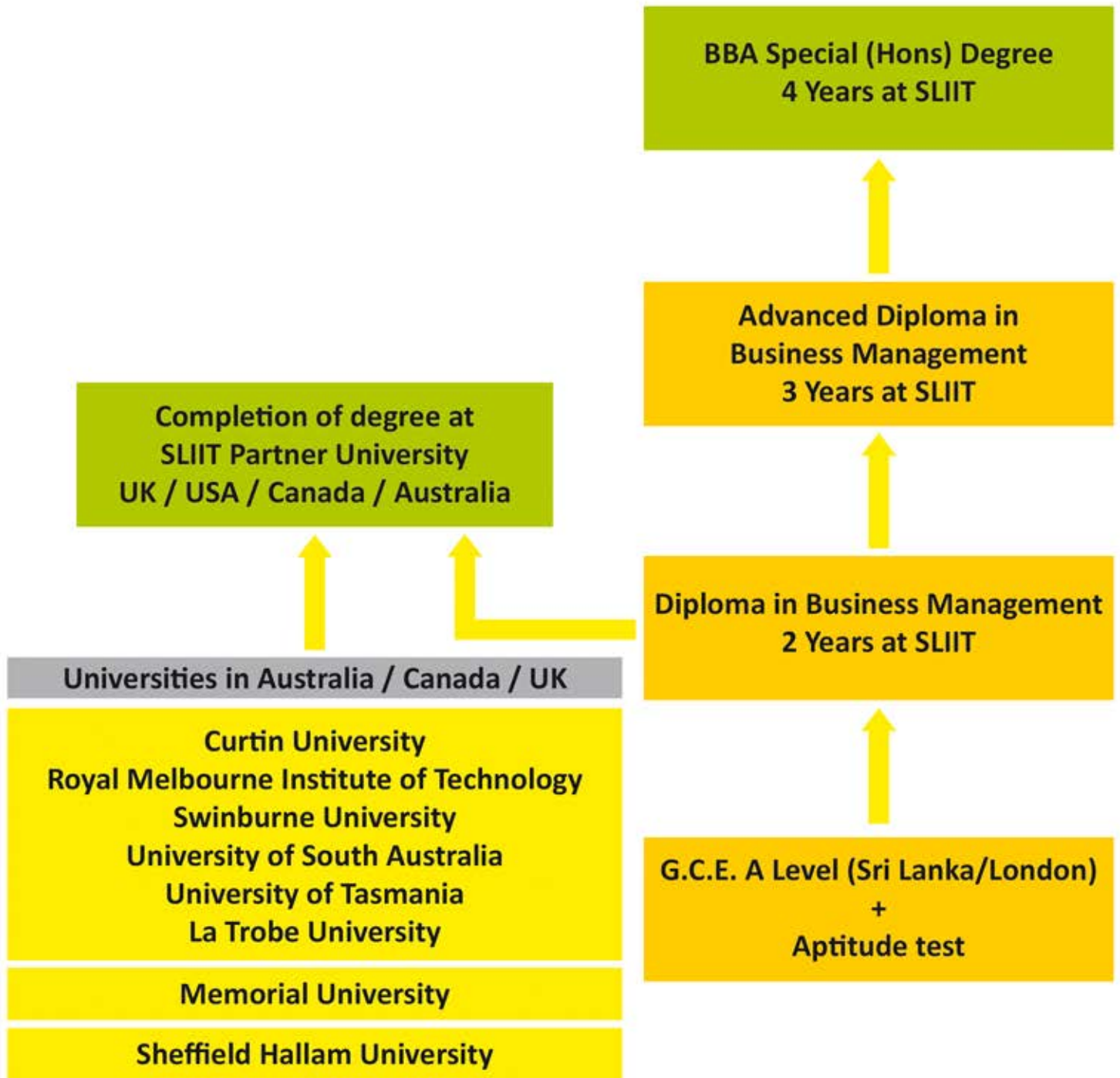


Figure 3  
Programme Pathways for Business Degrees / Diplomas

# DETAILS OF SLIIT DEGREE PROGRAMMES

## BBA Special Honours Degree

### Field of Specialization: Human Capital Management

#### Orientation Programme

Course No.	Title
MA 001	Mathematical Skills
IT 001	Computer Skills
EL 120	English Language Skills

#### Year 1 - Semester 1

Course No.	Title	Credits
BM 101	Microeconomics	03
BM 102	Principles of Management	03
BM 111	Fundamentals of Accounting	03
IM 100	Business Information Systems	03
EL 120	English Language Skills I	04
		16

#### Year 1 - Semester 2

Course No.	Title	Credits
BM 121	Human Resource Management	03
BM 141	Principles of Marketing	03
BM 103	Legal Environment for Business	03
BM 104	Mathematics for Business	03
EL 121	English Language Skills II	03
IM 102	Programming Concepts	04
		19

#### Year 2 - Semester 1

Course No.	Title	Credits
BM 201	Quantitative Methods for Decision Making	04
BM 202	Organisational Behaviour	03
BM 211	Management Accounting	03
BM 203	Business Strategy	03
BM 204	Macroeconomics	03
		16

#### Year 2 - Semester 2

Course No.	Title	Credits
BM 231	Introduction to Quality Management	03
IM 208	Business Information Systems & Analysis	03
BM 212	Financial Reporting	03
BM 205	Professional Development	03
BM 206	Business Project	03
BM 207	Managerial Economics	02
		17

## BBA Special Honours Degree

### Field of Specialization: Human Capital Management

#### Year 3 - Semester 1

Course No.	Title	Credits
BM 301	Project Management	04
BM 341	Strategic Marketing	03
BM 302	International Business	03
BM 303	Business Operations	03
BM 304	Psychology & Sociology in Business	03
		16

#### Year 3 - Semester 2

Course No.	Title	Credits
BM 331	Total Quality Management	03
BM 311	Financial Analysis for Business	03
BM 305	Research Methodology	03
BM 306	Business Ethics & Values	02
IM 309	Human Capital Development	03
BM 313	Contemporary Issues Human Capital Development	03
		17

#### Year 4 - Semester 1

Course No.	Title	Credits
BM 401	Comprehensive Research Project (BM) - I	08
BM 421	Labour Law & Industrial Relations	04
IM 405	Human Resource Information Systems	04
1 Elective:		
BM 423	Occupational Safety & Health	04
BM 424	Human Capital Management in Small Business	04
		20

#### Year 4 - Semester 2

Course No.	Title	Credits
BM 402	Comprehensive Research Project (BM) - II	12
BM 425	Strategic Human Capital Management	04
2 Electives:		
BM 426	Performance Evaluation & Compensation Management	04
BM 427	International Perspective of Human Capital Management	04
BM 428	Sri Lankan Perspective of Human Capital Management	04
		20

# DETAILS OF SLIIT DEGREE PROGRAMMES

## BBA Special Honours Degree

Field of Specialization: Accounting & Finance

### Orientation Programme

Course No.	Title
MA 001	Mathematical Skills
IT 001	Computer Skills
EL 120	English Language Skills

### Year 1 - Semester 1

Course No.	Title	Credits
BM 101	Microeconomics	03
BM 102	Principles of Management	03
BM 111	Fundamentals of Accounting	03
IM 100	Business Information Systems	03
EL 120	English Language Skills I	04
		16

### Year 1 - Semester 2

Course No.	Title	Credits
BM 121	Human Resource Management	03
BM 141	Principles of Marketing	03
BM 103	Legal Environment for Business	03
BM 104	Mathematics for Business	03
EL 121	English Language Skills II	03
IM 102	Programming Concepts	04
		19

### Year 2 - Semester 1

Course No.	Title	Credits
BM 201	Quantitative Methods for Decision Making	04
BM 202	Organisational Behaviour	03
BM 211	Management Accounting	03
BM 203	Business Strategy	03
BM 204	Macroeconomics	03
		16

### Year 2 - Semester 2

Course No.	Title	Credits
BM 231	Introduction to Quality Management	03
IM 208	Business Information Systems & Analysis	03
BM 212	Financial Reporting	03
BM 205	Professional Development	03
BM 206	Business Project	03
BM 207	Managerial Economics	02
		17

## BBA Special Honours Degree

### Field of Specialization: Accounting & Finance

#### Year 3 - Semester 1

Course No.	Title	Credits
BM 301	Project Management	04
BM 341	Strategic Marketing	03
BM 302	International Business	03
BM 303	Business Operations	03
BM 304	Psychology & Sociology in Business	03
		16

#### Year 3 - Semester 2

Course No.	Title	Credits
BM 331	Total Quality Management	03
BM 311	Financial Analysis for Business	03
BM 305	Research Methodology	03
BM 306	Business Ethics & Values	02
IM 309	Application Software in Accounting	03
BM 313	Contemporary Issues in Accounting & Finance	03
		17

#### Year 4 - Semester 1

Course No.	Title	Credits
BM 401	Comprehensive Research Project (BM) - I	08
BM 411	Auditing	04
IM 403	Accounting Information Systems	04
1 Elective:		
BM 413	Managerial Finance	04
BM 414	Investment Analysis & Portfolio Management	04
		20

#### Year 4 - Semester 2

Course No.	Title	Credits
BM 402	Comprehensive Research Project (BM) - II	12
BM 415	Taxation	04
2 Electives:		
BM 416	Financial Institutions & Markets	04
BM 417	Strategic Finance	04
BM 418	Advanced Management Accounting	04
		24

# DETAILS OF SLIIT DEGREE PROGRAMMES

## BBA Special Honours Degree

### Field of Specialization: Marketing Management

#### Orientation Programme

Course No.	Title
MA 001	Mathematical Skills
IT 001	Computer Skills
EL 120	English Language Skills

#### Year 1 - Semester 1

Course No.	Title	Credits
BM 101	Microeconomics	03
BM 102	Principles of Management	03
BM 111	Fundamentals of Accounting	03
IM 100	Business Information Systems	03
EL 120	English Language Skills I	04
		16

#### Year 1 - Semester 2

Course No.	Title	Credits
BM 121	Human Resource Management	03
BM 141	Principles of Marketing	03
BM 103	Legal Environment for Business	03
BM 104	Mathematics for Business	03
EL 121	English Language Skills II	03
IM 102	Programming Concepts	04
		19

#### Year 2 - Semester 1

Course No.	Title	Credits
BM 201	Quantitative Methods for Decision Making	04
BM 202	Organisational Behaviour	03
BM 211	Management Accounting	03
BM 203	Business Strategy	03
BM 204	Macroeconomics	03
		16

#### Year 2 - Semester 2

Course No.	Title	Credits
BM 231	Introduction to Quality Management	03
IM 208	Business Information Systems & Analysis	03
BM 212	Financial Reporting	03
BM 205	Professional Development	03
BM 206	Business Project	03
BM 207	Managerial Economics	02
		17

## BBA Special Honours Degree

### Field of Specialization: Marketing Management

#### Year 3 - Semester 1

Course No.	Title	Credits
BM 301	Project Management	04
BM 341	Strategic Marketing	03
BM 302	International Business	03
BM 303	Business Operations	03
BM 304	Psychology & Sociology in Business	03
		16

#### Year 3 - Semester 2

Course No.	Title	Credits
BM 331	Total Quality Management	03
BM 311	Financial Analysis for Business	03
BM 305	Research Methodology	03
BM 306	Business Ethics & Values	02
IM 342	Consumer Behaviour	03
BM 343	Contemporary Issues in Marketing	03
		17

#### Year 4 - Semester 1

Course No.	Title	Credits
BM 401	Comprehensive Research Project (BM) - I	08
BM 443	Service Marketing	04
IM 442	Marketing Communication	04
1 Elective:		
BM 441	Brand Management	04
BM 444	E - Marketing	04
		20

#### Year 4 - Semester 2

Course No.	Title	Credits
BM 402	Comprehensive Research Project (BM) - II	12
BM 415	International Marketing	04
2 Electives:		
BM 447	Sales Marketing	04
BM 448	Social Marketing	04
BM 445	Distribution & Logistic Management	04
		24



# DETAILS OF SLIIT DEGREE PROGRAMMES

## BBA Special Honours Degree

### Field of Specialization: Quality Management

#### Orientation Programme

Course No.	Title
MA 001	Mathematical Skills
IT 001	Computer Skills
EL 120	English Language Skills

#### Year 1 - Semester 1

Course No.	Title	Credits
BM 101	Microeconomics	03
BM 102	Principles of Management	03
BM 111	Fundamentals of Accounting	03
IM 100	Business Information Systems	03
EL 120	English Language Skills I	04
		16

#### Year 1 - Semester 2

Course No.	Title	Credits
BM 121	Human Resource Management	03
BM 141	Principles of Marketing	03
BM 103	Legal Environment for Business	03
BM 104	Mathematics for Business	03
EL 121	English Language Skills II	03
IM 102	Programming Concepts	04
		19

#### Year 2 - Semester 1

Course No.	Title	Credits
BM 201	Quantitative Methods for Decision Making	04
BM 202	Organisational Behaviour	03
BM 211	Management Accounting	03
BM 203	Business Strategy	03
BM 204	Macroeconomics	03
		16

#### Year 2 - Semester 2

Course No.	Title	Credits
BM 231	Introduction to Quality Management	03
IM 208	Business Information Systems & Analysis	03
BM 212	Financial Reporting	03
BM 205	Professional Development	03
BM 206	Business Project	03
BM 207	Managerial Economics	02
		17

## BBA Special Honours Degree

### Field of Specialization: Quality Management

#### Year 3 - Semester 1

Course No.	Title	Credits
BM 301	Project Management	04
BM 341	Strategic Marketing	03
BM 302	International Business	03
BM 303	Business Operations	03
BM 304	Psychology & Sociology in Business	03
		16

#### Year 3 - Semester 2

Course No.	Title	Credits
BM 331	Total Quality Management	03
BM 311	Financial Analysis for Business	03
BM 305	Research Methodology	03
BM 306	Business Ethics & Values	02
IM 332	Service Quality Management	03
BM 333	Statistical Methods for Quality Improvement	03
		17

#### Year 4 - Semester 1

Course No.	Title	Credits
BM 401	Comprehensive Research Project (BM) - I	08
BM 431	ISO & Six Sigma	04
IM 432	Quality Planning & Production	04
1 Elective:		
BM 433	Human Aspects of Quality	04
BM 434	Contemporary Issues in Quality Management	04
		20

#### Year 4 - Semester 2

Course No.	Title	Credits
BM 402	Comprehensive Research Project (BM) - II	12
BM 435	Quality Assurance & Quality Control	04
2 Electives:		
BM 436	Productivity & Quality	04
BM 437	Systems Approach for Quality	04
BM 438	Organisation for Quality	04
		24

# DETAILS OF SLIIT DEGREE PROGRAMMES

## BBA Special Honours Degree

### Field of Specialization: Management Information Systems

#### Orientation Programme

Course No.	Title
MA 001	Mathematical Skills
IT 001	Computer Skills
EL 120	English Language Skills

#### Year 1 - Semester 1

Course No.	Title	Credits
BM 101	Microeconomics	03
BM 102	Principles of Management	03
BM 111	Fundamentals of Accounting	03
IM 100	Business Information Systems	03
EL 120	English Language Skills I	04
		16

#### Year 1 - Semester 2

Course No.	Title	Credits
BM 121	Human Resource Management	03
BM 141	Principles of Marketing	03
BM 103	Legal Environment for Business	03
BM 104	Mathematics for Business	03
EL 121	English Language Skills II	03
IM 102	Programming Concepts	04
		19

#### Year 2 - Semester 1

Course No.	Title	Credits
BM 201	Quantitative Methods for Decision Making	04
BM 202	Organisational Behaviour	03
BM 211	Management Accounting	03
BM 203	Business Strategy	03
BM 204	Macroeconomics	03
		16

#### Year 2 - Semester 2

Course No.	Title	Credits
IM 208	Business Information Systems & Analysis	03
BM 205	Professional Development	03
BM 206	Business Project	03
BM 212	Financial Reporting	03
BM 207	Managerial Economics	03
BM 231	Introduction to Quality Management	02
		17

## BBA Special Honours Degree

### Field of Specialization: Management Information Systems

#### Year 3 - Semester 1

Course No.	Title	Credits
BM 301	Project Management	04
BM 341	Strategic Marketing	03
EC 246	Design and Management of Computing Infrastructure	03
IM 303	Information System Management in practice	03
IM 207	Database Management Systems	03
		16

#### Year 3 - Semester 2

Course No.	Title	Credits
BM 305	Research Methodology	03
IM 304	Enterprise Resource Planning	03
IT 371	Information Security Management	03
BM 306	Business Ethics & Values	02
IM 307	Strategic Information Systems	03
IM 308	Contemporary Issues in MIS	03
		17

#### Year 4 - Semester 1

Course No.	Title	Credits
BM 401	Comprehensive Research Project (BM) - I	08
IT 406	Information Systems Security Audit & Control (ISSAC)	04
IM 404	Business Process Re-Engineering	04
1 Elective:		
BM 433	Human Aspects of Quality	04
BM 407	E - Governance	04
		20

#### Year 4 - Semester 2

Course No.	Title	Credits
BM 402	Comprehensive Research Project (BM) - II	12
IM 409	Change Management in IT Implementation	04
2 Electives:		
IM 408	Knowledge Management	04
BM 351	Entrepreneurship	04
BM 437	Systems Approach for Quality	04
		24

**FACULTY OF  
ENGINEERING**

**INNOVATIVE STUDY PROGRAMMES...**

# UNDERGRADUATE PROGRAMMES IN ENGINEERING

## SLIIT BSc Engineering Honours Degree and Diploma Programmes

BSc Eng Honours Degree programme of SLIIT is of 4 years' duration with two semesters per year. Four to five courses carrying a total of about 18 credits are conducted during a semester.

One credit is defined as 1 lecture hour or 2 tutorial hours or 2 Laboratory hours per week per semester. The design of the degree program allows a student the following options.

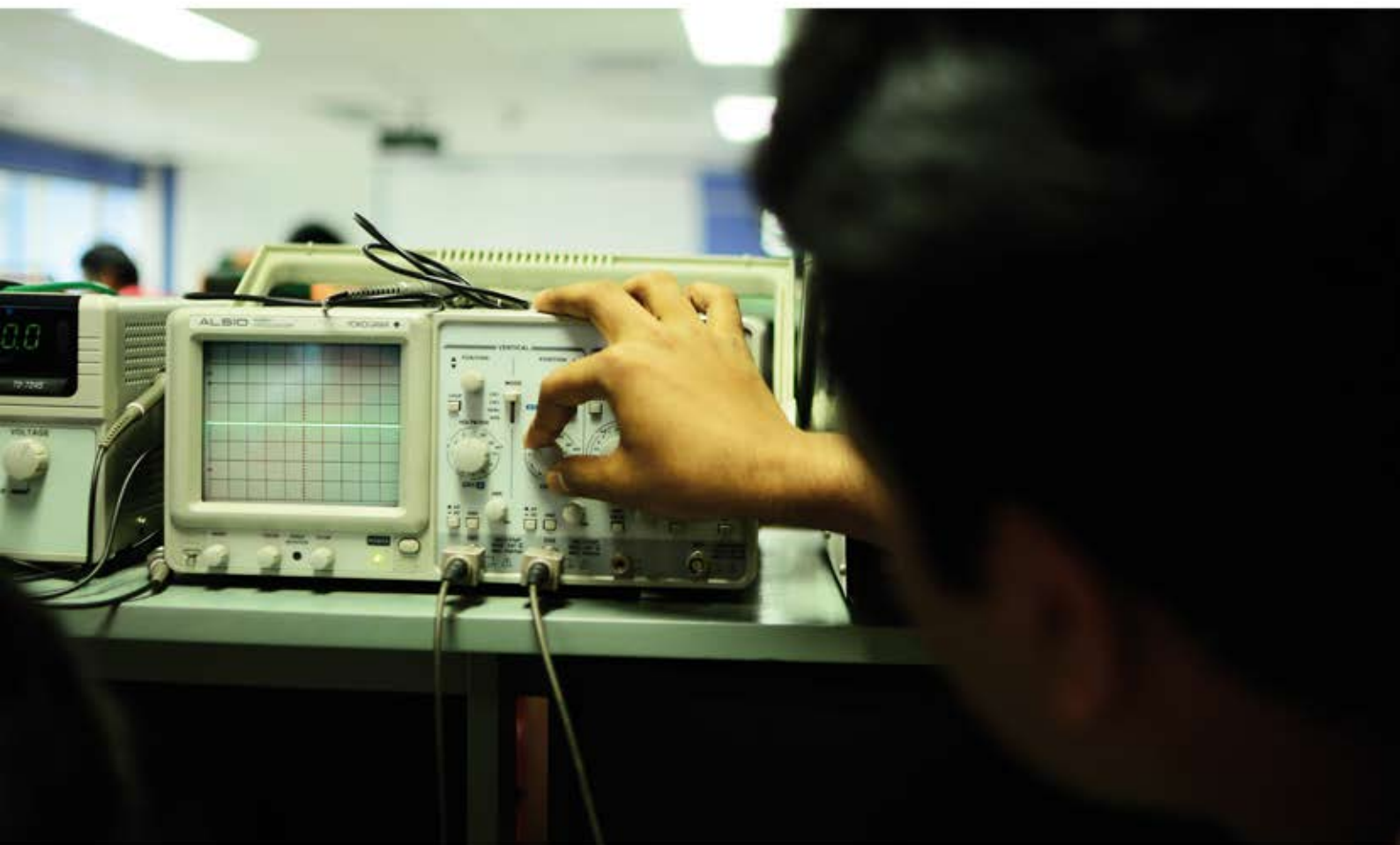
- i. Earn an **Diploma in Engineering** after successful completion of two years
- ii. Graduate with a **Bsc Eng Honours Degree in the fields of Civil Engineering, Electrical and Electronic Engineering, Materials Engineering and Mechanical Engineering** after successful completion of four years.

*Programme pathways for Engineering Degrees / Diplomas are shown in Figure 3*

Candidates who exit each programme after successfully completing different levels can re-join after a spell of employment or training in industry, or leave of absence at the appropriate level, subject to necessary registration procedure and approval by SLIIT.

The Diploma level covers a broader range of theory, equipping the student with the knowledge and skills necessary to work in industry at a junior executive or technician level. The advanced inputs in design and applications are provided in the third and fourth years leading to the BSc Engineering Honours Degree.

Students are allowed to opt for specialization within the major field of study, ensuring that at graduation; the student has acquired a comprehensive range of analytical, creative and communication skills along with a holistic view of the major field of study. The BSc Eng (Hons) Degree awarded by SLIIT is approved by the University Grants Commission under the Universities Act.



## SLIIT BSc Engineering Honours Degree and Diploma Programmes

### Field of Study:

The Honours Degree spreads over four years and enables a student to gain a thorough knowledge in the selected field of study.

The student is expected to undergo six months of on the job training within a scheduled period prior to completion of the degree programme.

The programme will allow students to opt for one of four major fields of study to suit their preference and performance. Fields of study listed as shown below:

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

### Civil Engineering

Civil Engineering is the professional engineering discipline that deals with the design, construction and maintenance of the physical and built environment necessary for the benefit and welfare of our society. It is concerned with such works as buildings, roads, railways, bridges, dams, reservoirs, tunnels, waterways, underground and super structures & ports & off-shore structures.

The civil engineering study programme is an excellent blend of scientific and civil engineering fundamentals and the practical skills essential to begin effective professional practice on graduation. The first two years of the programme are primarily concerned with developing a foundation in mathematics, sciences, basic engineering sciences, and practical skills essential to pursue studies in the field of civil engineering. The third year includes applied engineering units in structural analysis and design, materials, geotechnical engineering, construction engineering, hydraulics and professional practice. The final year covers subjects relating to construction management, industrial relations, contract law, cost estimation and finance.

Students may also use final year to pursue further study within a range of specialised options including:

Structural Engineering (SE)  
 Geotechnical Engineering (GE)  
 Transportation Engineering (TE)  
 Water & Environmental Engineering (WE)

The problem and project based learning is a key feature of the program. These learning techniques will enhance creative, innovative and team work skills of the students. The course includes project work based on laboratory, library and field work and partial assessment completed through seminars. Students undergo a compulsory six months industrial training at the end of second and third year of study with a duration of three months each. Graduates can find employment in construction companies, specialist subcontractors, engineering consulting companies and government authorities. Further, engineers may also establish their own consulting practices in their field of expertise and professional competence. Graduate engineers have skills readily transferable between employers and may also find work internationally.

### Electrical & Electronic Engineering

Electrical and Electronic Engineering degree programme is designed to produce graduates with knowledge and skills of electrical and electronic engineering and enabling attributes of a professional practicing engineer.

The first two years of the programme are primarily concerned with developing a foundation in mathematics, sciences, basic engineering sciences, and practical skills essential to pursue studies in the field of electrical & electronic engineering. The third year of study focuses on application of electrical & electronic engineering knowledge in real life engineering problems. Furthermore, essential soft skills such as technical communication, presentation skills and non engineering aspects such as legal, personal, management and business essentials are taught to comply with the professional engineering requirements of curriculum. The final year is mainly focused on exposure to real electrical and electronic systems deployed in industry.

Furthermore, there is a comprehensive project module to assess the practical ability and professionalism of the student. This allows students to apply engineering and non-engineering knowledge in real life engineering problems of high complexity. There are five specializations within electrical and electronic engineering major.

Electronic Engineering (EE)  
 Electronic and Communication Engineering (ECE)  
 Electrical Engineering (EN)  
 Computer Systems Engineering (CS)  
 Network Engineering (NE)

Students undergo a compulsory six months industrial training at the end of second and third year of study with a duration of three months each. Graduates will be ready to be employed in Electronic, Telecommunication, Electrical Power or Data Communication and Networking industries locally or internationally as design, maintenance engineers or as managers in electrical and electronic engineering industry.



## Materials Engineering

Materials engineering is concerned with the design, fabrication and testing of engineering materials. It is a discipline that purely touched by science of materials. Materials engineers invent, develop, study and test on materials, which directly influence technological advancement, improve the quality of human life, and impact the ability to overcome environmental challenges. As the history defined by the primary materials used by people such as stone, bronze, iron, plastic, silicon, biomaterials and nanomaterials, it is often new materials that open the door to new technologies, whether they are in civil, chemical, construction, nuclear, aeronautical, agricultural, mechanical, biomedical, electrical or electronic engineering.

Interests within the programme span the entire materials cycle from mining and refining of raw materials, to production and utilization of finished materials, and finally to disposal and recycling.

The first two years of the programme are primarily concerned with developing a foundation in mathematics, sciences, basic engineering sciences, and practical skills essential to pursue studies in the field of materials engineering. The final two years deliver subjects with following specializations and related advance topics:

- i. Metallic Materials
- ii. Polymeric Materials
- iii. Ceramic Materials
- iv. Nanomaterials

Students undergo a compulsory six months industrial training at the end of second and third year of study with duration of three months each. The programme develops graduates for careers in research, development, operations, manufacturing, academia and management.

## Mechanical Engineering

Mechanical Engineering is a highly diversified professional engineering discipline encompassing manufacturing, automation, robotics, automotive engineering, energy conversion and the like. Mechanical engineering includes the science and art of formulation, design, development and control of systems and components involving thermodynamics, mechanics, fluid mechanics, mechanisms, manufacturing and energy. The first two years of the programme are primarily concerned with developing a foundation in mathematics, sciences, basic engineering sciences and practical skills essential to pursue studies in the field of mechanical engineering. The third year includes applied engineering units in thermal engineering, materials, automatic control, mechanical design and engineering management. In the final year students can focus their studies on specialized areas including manufacturing engineering (ME) and energy engineering (EE).

The course includes project work based on laboratory, library and field work, and partial assessment completed through seminars. Students undergo a compulsory six months industrial training at the end of second and third year of study with a duration of three months each. Mechanical Engineering graduates can find employment in many sectors such as manufacturing, transportation, logistics and industrial automation. Job functions and responsibilities range from product and production design engineering, plant operation and maintenance, quality control and project management. With experience and further education, some mechanical engineers move into management positions based on their technical and managerial skills and expertise. Graduate mechanical engineers have skills readily transferable between employers and may also find work internationally.

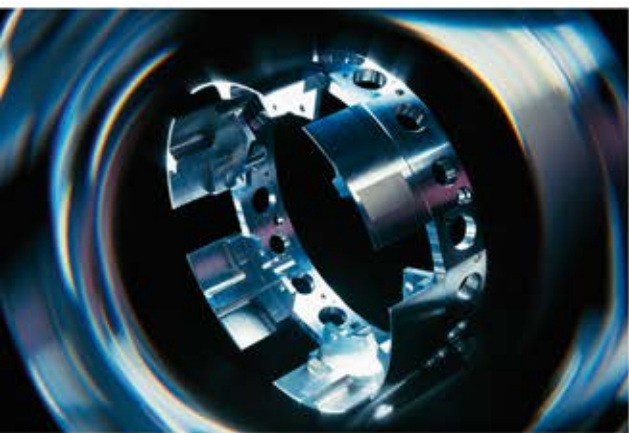




## Mechanical Engineering (Mechatronics)

Mechatronics is one of the more recent developments in the engineering discipline that combines basic mechanical engineering problem-solving and design skills with the expertise of digital electronics and computer systems to develop modern products or to advance industrial systems through automation and the use of robotics. Mechatronic specialization of mechanical engineering offers opportunities to develop a range of technical skills in digital electronics, drive technologies, mechanics and software. Students will engage in hands-on project work from the second year onward and will become involved in the design, building and testing of mechatronic systems. In the fourth year of study students will undertake a comprehensive mandatory research or design project.

Students undergo a compulsory six months industrial training at the end of second and third year of study with a duration of three months each. Mechanical Engineering graduates specialized in mechatronics will find career opportunities in many sectors such as manufacturing, automation industry, aeronautic industry, power generation and distribution, chemical, telecommunication and medical. Graduate mechatronic engineers have skills readily transferable between employers and may also find work internationally.



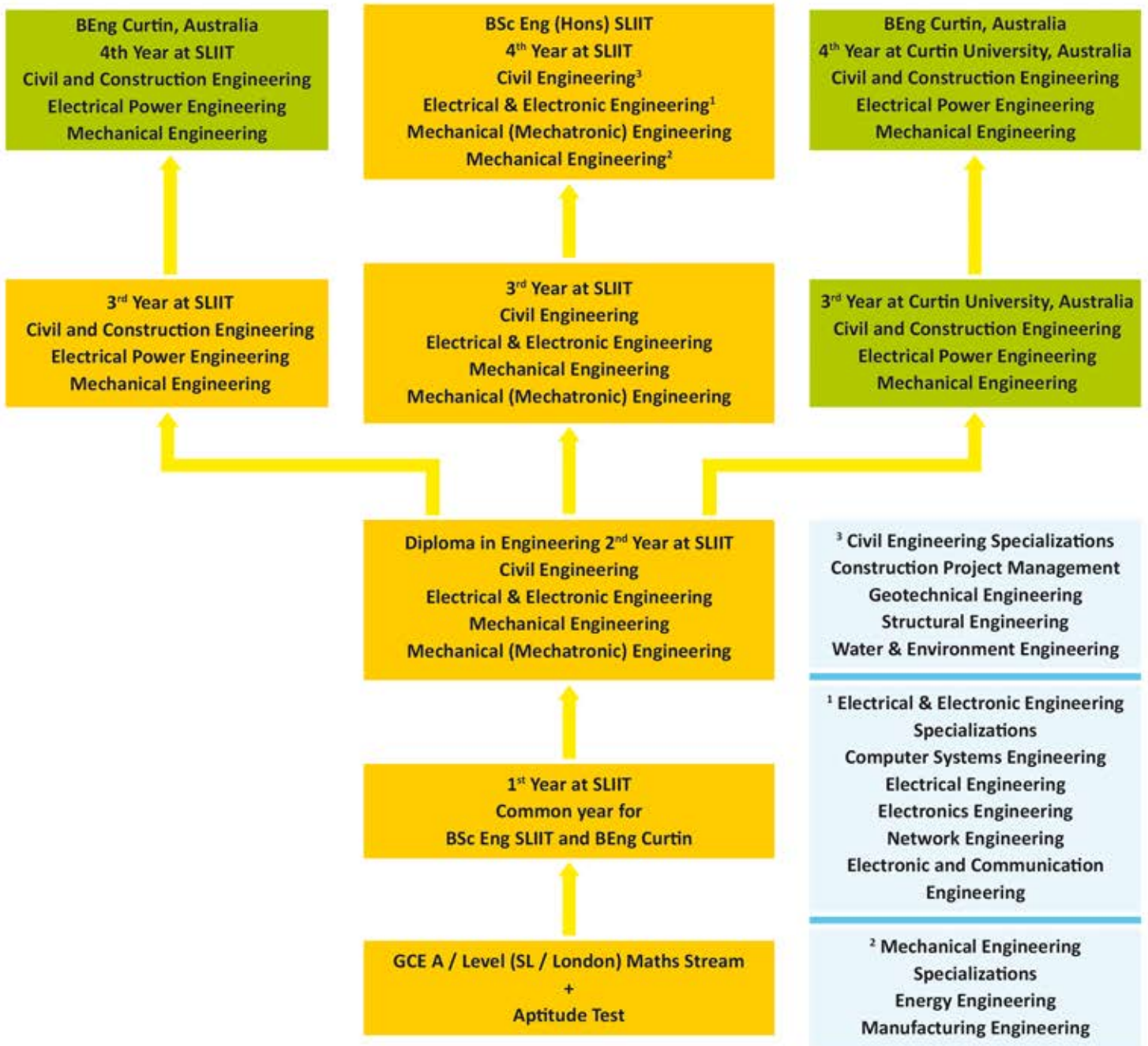


Figure 4  
Programme Pathways for Engineering Degrees / Diplomas

# DETAILS OF SLIIT DEGREE PROGRAMMES

## BSc Engineering Honours Degree in Civil Engineering

### Orientation Programme

Course No.	Title
MA 001	Mathematical Skills
IT 001	Computer Skills
EL 120	English Language Skills I

### Year 1 - Semester 1

Course No.	Title	Credits
CE 101	Engineering Mechanics	04
ME 101	Engineering Design & Processes	04
EC 102	Electrical Systems	03
MA 130	Engineering Mathematics I	03
ME 102	Introduction to Renewable Energy	02
CE 191	Introduction to Sustainable Engineering	
		16

### Year 1 - Semester 2

Course No.	Title	Credits
ME 103	Engineering Skills Development	03
ME 104	Engineering Principles & Communication	04
ME 101	Engineering Materials	04
MA 131	Engineering Mathematics II	03
EC 144	Engineering Programming	03
ELI 121	English Language Skills II	02
		19

### Year 2 - Semester 1

Course No.	Title	Credits
CE 201	Structural Analysis I	04
CE 271	Fluid Mechanics I	04
CE 202	Civil Engineering Materials	03
CE 221	Civil Engineering Methods	04
MA 230	Engineering Mathematics III	03
		18

### Year 2 - Semester 2

Course No.	Title	Credits
CE 281	Geotechnical Engineering I	03
CE 281	Structural Design	04
CE 204	Structural Analysis II	04
CE 205	Structural Mechanics	03
ME 272	Introduction to Thermal Process	02
		16
	Humanities I	02
CE 291	Industrial Training (NGPA) (12 Weeks)	03

## BSc Engineering Honours Degree in Civil Engineering

### Year 3 - Semester 1

Course No.	Title	Credits
CE 301	Structural Analysis III	03
CE 371	Water Engineering I	03
CE302	Civil & Structural Design I	04
CE 381	Geotechnical Engineering II	03
CE 321	Civil Engineering Project & Cost Management	03
CE 391	Humanities II	
		16

### Year 3 - Semester 2

Course No.	Title	Credits
CE 372	Water & Environmental Engineering	03
CE 382	Geotechnical Engineering III	03
CE 341	Transportation Engineering I	03
CE 303	Civil & Structural Design II	03
CE 322	Construction Technology & Methods	03
		15
CE 392	Industrial Training (NGPA) (12 Weeks)	03

### Year 4 - Semester 1

Course No.	Title	Credits
CE 421	Integrated Design & Construction I	04
CE 422	Civil Engineering Practice, Quality & Legislation	04
CE 491	Civil Engineering Project I	03
CE 427	Project Formulation	02
3 Elective Modules of the following:		
CE 481	Foundation Engineering I	03
CE 441	Traffic Engineering & Planning	03
CE 471	Water Engineering II	03
CE 401	Structural Engineering I	03
CE 423	Contract Formulation & Management	03
CE 472	Environmental Engineering	03

### Year 4 - Semester 2

Course No.	Title	Credits
CE 492	Sustainable Development in Civil Engineering	03
CE 493	Civil Engineering Project II	03
CE 425	Integrated Design & Construction II	03
CE 424	Project Appraisal	03
3 Elective Modules of the following:		
CE 426	Project Planning & Tendering	03
CE 482	Foundation Engineering II	03
CE 442	Payment Design & Maintenance	03
CE 473	Water Engineering II	03
CE 402	Structural Engineering II	03
CE 403	Advanced Concrete Design	03

# DETAILS OF SLIIT DEGREE PROGRAMMES

## BSc Engineering Honours Degree in Electrical & Electronic Engineering

### Orientation Programme

Course No.	Title
MA 001	Mathematical Skills
IT 001	Computer Skills
EL 120	English Language Skills

### Year 1 - Semester 1

Course No.	Title	Credits
CE 101	Engineering Mechanics	04
EC 102	Electrical Systems	03
MA 130	Engineering Mathematics I	03
ME 101	Engineering Design and Processes	04
EL 120	English Language Skills I	02
CE 191	Introduction to Sustainable Engineering	02
ME 102	Introduction to Renewable Energy	
		18

### Year 1 - Semester 2

Course No.	Title	Credits
EC 144	Engineering Programming	03
MA 131	Engineering Mathematics II	03
MT 101	Engineering Materials	04
ME 103	Engineering Skills Development	03
ME 104	Engineering Principles and Communication	04
EL 121	English Language Skills II	02
		19

### Year 2 - Semester 1

Course No.	Title	Credits
CE 272	Fluid Mechanics & Thermodynamics	03
EC 220	Electrical Circuits	03
EC 209	Foundations of Digital Design	03
EC 249	Object Oriented Programming	03
EC 211	Signals & Systems	03
MA 230	Engineering Mathematics III	03
		18

### Year 2 - Semester 2

Course No.	Title	Credits
EC 221	Electromagnetic & Electromechanical Energy Conversion	03
EC 212	Electronic Fundamentals	03
EC 213	Microcomputers	03
EC 247	Computing for Engineers	03
EC 248	Introduction to Controls & Robotics	03
ME 207	Law for Engineers	03
		18
EC 294	Industrial Training (NGPA) (12 Weeks)	03

## BSc Engineering Honours Degree in Electrical & Electronic Engineering

### Year 3 - Semester 1

Course No.	Title	Credits
EC 350	Control Systems	03
	Humanities	02
EC 361	Communication Engineering I	03
<b>18</b>		
EC 301	Electronic Design	03
EC 304	Physical and Opto Electronics	03
EC 319	Electrical Machines and Stability	03
EC 320	Engineering Electromagnetics	03
EC 346	Embedded Systems Engineering	03
EC 347	Digital Multimedia Content	03
EC 348	Foundations in Computer Engineering	03
EC 371	Embedded Software Engineering	03
<b>18</b>		

### Year 3 - Semester 2

Course No.	Title	Credits
ME 308	Engineering Management	03
EC 352	Data Communication and Networking	03
<b>18</b>		
EC 310	Advanced Digital Design	03
EC 302	Radio Frequency and Microwave Electronics	03
EC 303	Power Electronics	03
EC 321	Power Systems Analysis	03
EC 323	Electrical Installations	03
EC 351	Digital Signal Processing	03
EC 353	Advanced Control Systems	03
EC 362	Communication Engineering II	03
EC 363	Electromagnetic Propagation	03
EC 364	Digital Access Systems	03
EC 370	Real Time Operating Systems	03
EC 372	Information Security	03
<b>18</b>		
EC 390	Industrial Training (NGPA)	03

## BSc Engineering Honours Degree in Electrical & Electronic Engineering

### Year 4 - Semester 1

Course No.	Title	Credits
EC 490	Legal Framework & Sustainability in Electrical Engineering	03
EC 400	Electronic Engineering Project I	04
CE 393	Humanities II	02
3 Modules of the following including 1 Elective:		
EC 463	Communication Signal Processing (EC)	03
EC 470	Models Of Computation (CS)	03
EC 401	Power Electronics & Drives I (EN, EE)	03
EC 442	Network Design & Performance Evaluation (NE)	03
ME 411	Industrial Marketing & Management & Marketing	03
EC 443	Embedded Systems Engineering II (EC)	03
EC 464	Optical Communication (EN, EC, CS)	03
EC 465	Next Generation Networks (EN, EC, CS, NE)	03
EC 466	RF & Microwave Systems (EN, EC, NE)	03
EC 444	Advanced Computer Architecture (EN, EE, NE)	03
EC 420	Electrical Utility Engineering (EN, EE)	03
		15

### Year 4 - Semester 2

Course No.	Title	Credits
EC 402	Electronic Engineering Project II	04
5 Modules of the following including 3 Electives:		
EC 450	Instrumentation & Control (EE)	04
EC 445	Data Communication & Networking (EN, EC, CS)	04
EC 467	Wireless Communications (EC, NE)	04
EC 446	Computer Structures (CS)	04
EC 421	Electrical Power Transmission & Distribution (EE)	04
EC 403	Medical Electronics (EN)	04
ME 453	Renewable Energy Systems (EN, EC, EE, CS)	2.5
EC 422	Power Systems Protection (EN, EC, CS)	2.5
EC 423	Electromagnetic Propagation (EN, EC, EE, CS)	2.5
EC 447	Information Theory & Error Control Coding (EN, EC, EE, CS, NE)	2.5
EC 424	Introduction to Smart Grid Control (EN, EC, EE, CS)	2.5
EC 448	Computer Vision & Image Processing (EN, EC, EE, CS)	2.5
EC 451	Industrial Automation & Process Control (EN, EE)	2.5
EC 449	Neural & Fuzzy Systems (EN, EC, EE, CS)	2.5
EC 452	Network Management & Security (NE)	2.5
EC 453	Internet Technologies (NE)	2.5
EC 454	Distributed Computing (CS, NE)	2.5
		16

# DETAILS OF SLIIT DEGREE PROGRAMMES

## BSc Engineering Honours Degree in Materials Engineering

### Orientation Programme

Course No.	Title
MA 001	Mathematical Skills
IT 001	Computer Skills
EL 120	English Language Skills I

### Year 1 - Semester 1

Course No.	Title	Credits
CE 101	Engineering Mechanics	04
ME 101	Engineering Design & Processes	04
EC 102	Electrical Systems	03
MA 130	Engineering Mathematics I	03
ME 102	Introduction to Renewable Energy	02
CE 191	Introduction to Sustainable Engineering	
		16

### Year 1 - Semester 2

Course No.	Title	Credits
ME 103	Engineering Skills Development	03
ME 104	Engineering Principles & Communication	04
ME 101	Engineering Materials	04
MA 131	Engineering Mathematics II	03
EC 144	Engineering Programming	03
ELI 121	English Language Skills II	02
		19

### Year 2 - Semester 1

Course No.	Title	Credits
CE 201	Structural Analysis I	04
CE 271	Fluid Mechanics I	04
CE 202	Civil Engineering Materials	03
CE 221	Civil Engineering Methods	04
MA 230	Engineering Mathematics III	03
		18

### Year 2 - Semester 2

Course No.	Title	Credits
CE 281	Geotechnical Engineering I	03
CE 281	Structural Design	04
CE 204	Structural Analysis II	04
CE 205	Structural Mechanics	03
ME 272	Introduction to Thermal Process	02
		16
	Humanities I	02
CE 291	Industrial Training (NGPA) (12 Weeks)	03



## BSc Engineering Honours Degree in Materials Engineering

### Year 3 - Semester 1

Course No.	Title	Credits
MT 301	Crystallography & Diffraction Methods	04
MT 302	Joining of Materials	04
MT 303	Advanced Material Characterisation Techniques	04
MT 304	Biomaterials & Biomedical Applications	02
CE 391	Humanities I	02
1 Elective Module of the following:		
MT 311	Metal Processing	04
MT 321	Polymer Process & Engineering	04
MT 331	Ceramic Processing & Technology	04
MT 341	Nanofabrication	04
		18

### Year 3 - Semester 2

Course No.	Title	Credits
MT 305	Composite Science & Technology	04
MT 306	Selection of Materials & Failure Analysis	04
ME 308	Engineering Management	04
1 Elective Module of the following:		
MT 312	Strengthening & Heat Treatment of Metals	04
MT 322	Industrial Polymers & Applications	04
MT 332	Science & Technology Of Glass Ceramics	04
MT 342	Nanodevices for Engineering Applications	04
		03
MT 391	Industrial Training (NGPA)	03

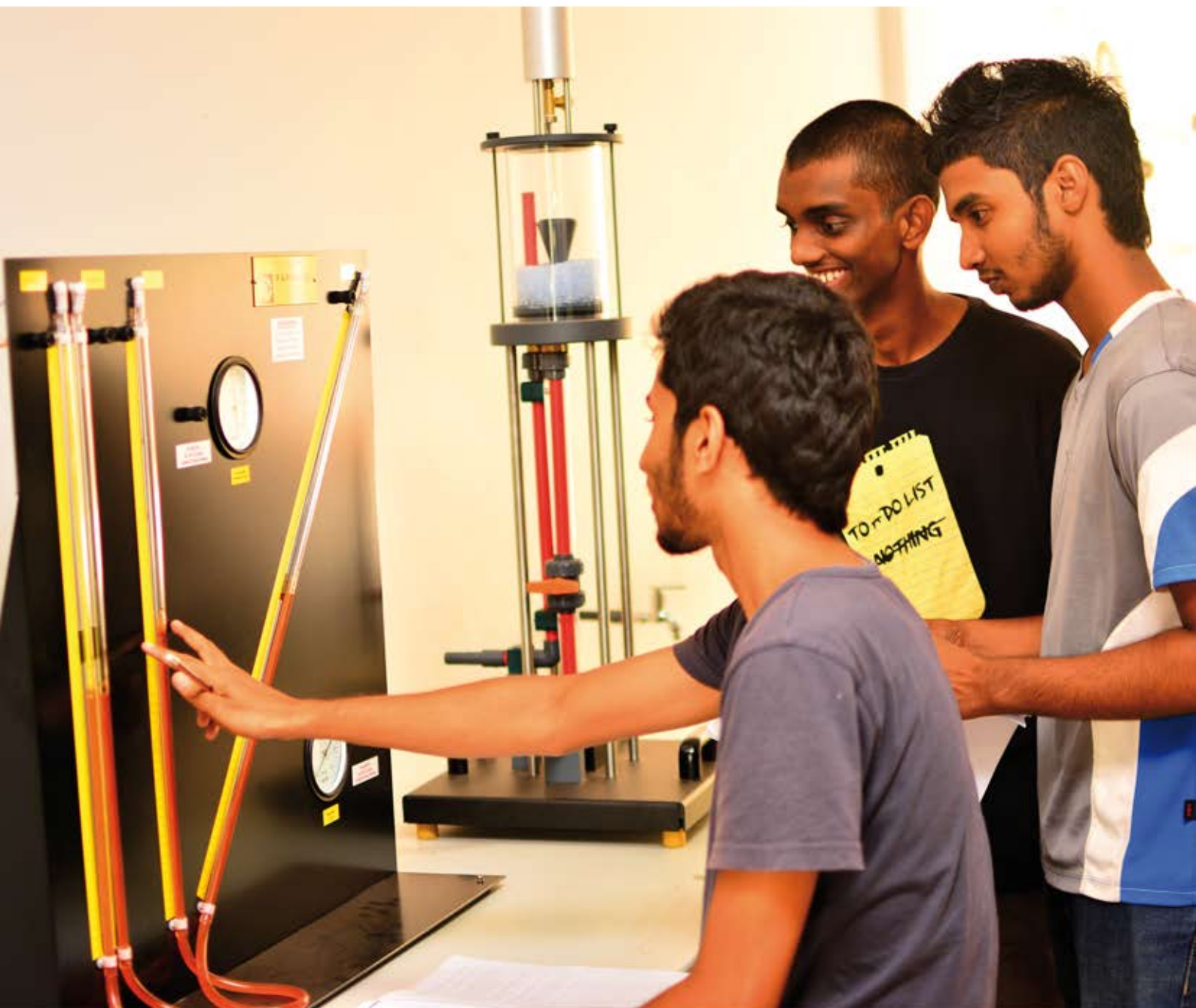
### Year 4 - Semester 1

Course No.	Title	Credits
MT 401	Materials Engineering Project I	04
ME 411	Project Management	03
MT 402	Modeling & Simulations In Material Processes	03
CE 393	Humanities II	02
2 Elective Modules of the following:		
MT 411	Engineering Alloys	03
MT 412	Corrosion & Protection	03
MT 421	Design & Fabrication of Polymer Products	03
MT 422	Rubber Technology & Applications	03
MT 431	Refractories: Technology & Applications	03
MT 432	Hi-Tech & Nanoceramics	03
MT 441	Modeling & Simulations In Nanoengineering	03
MT 442	Polymer Nanocomposites & Applications	03
		18

## BSc Engineering Honours Degree in Materials Engineering

### Year 4 - Semester 2

Course No.	Title	Credits
MT 403	Materials Engineering Project II	04
MT 404	Smart Materials & Devices	04
MT 405	Cleaner Production & Environmental Sustainability	02
MT 406	Materials For Energy Applications	04
MT 443	Bionanotechnology	02
		16



# DETAILS OF SLIIT DEGREE PROGRAMMES

## BSc Engineering Honours Degree in Mechanical Engineering

### Orientation Programme

Course No.	Title
MA 001	Mathematical Skills
IT 001	Computer Skills
EL 120	English Language Skills

### Year 1 - Semester 1

Course No.	Title	Credits
CE 101	Engineering Mechanics	04
ME 101	Engineering Design & Processes	04
EC 102	Electrical Systems	03
MA 130	Engineering Mathematics I	03
ME 102	English Language Skills I	02
ME 102	Introduction to Renewable Energy	02
CE 191	Introduction to Sustainable Engineering	
		16

### Year 1 - Semester 2

Course No.	Title	Credits
ME 103	Engineering Skills Development	03
ME 104	Engineering Principles & Communication	04
MT 101	Engineering Materials	04
MA 131	Engineering Mathematics II	03
EC 144	Engineering Programming	03
EL 121	English Language Skills II	02
		19

### Year 2 - Semester 1

Course No.	Title	Credits
ME 201	Mechanics of Solids I	03
CE 271	Fluid Mechanics I	04
ME 202	Mechanics of Machines I	04
ME 203	Engineering Drawing	04
MA 230	Engineering Mathematics III	03
		18

### Year 2 - Semester 2

Course No.	Title	Credits
ME 204	Thermodynamics	04
ME 205	Mechanical Design I	03
ME 206	Manufacturing Processes	03
ME 207	Law for Engineers	03
ME 208	Engineering Sustainable Development	03
	Humanities I	
		16
ME 291	Industrial Training (NGPA)	03

## BSc Engineering Honours Degree in Mechanical Engineering

### Year 3 - Semester 1

Course No.	Title	Credits
ME 301	Thermal Engineering Processes	04
ME 302	Automatic Control I	03
ME 303	Mechanics of Solids II	04
ME 304	Mechanics of Machines II	04
	Humanities I	
		15

### Year 3 - Semester 2

Course No.	Title	Credits
ME 305	Mechanical Design II	03
ME 306	Fluid Flow Modelling	04
ME 307	Manufacturing Engineering	03
ME 308	Engineering Management	03
ME 309	Electrical Plant	03
		16
ME 391	Industrial Training (NGPA)	03

### Year 4 - Semester 1

Course No.	Title	Credits
ME 401	Mechanical Project I	04
ME 407	Production and Operations Management	03
ME 411	Industrial Management and Marketing	03
3 Elective Modules of the following:		
ME 402	Advanced Engineering Materials	03
ME 403	Vibration	03
ME 404	Heat Transfer	03
ME 405	Computer Aided Engineering	03
ME 406	Mechanical Measurement	04
ME 408	Computer Aided Design and Manufacture	04
ME 409	Energy Technology and Environment	04
ME 410	Refrigeration and Air Conditioning	04

### Year 4 - Semester 2

Course No.	Title	Credits
ME 412	Mechanical Project II	04
ME 413	Professional Practice	03
ME 418	Industrial Engineering	03
2 Elective Modules of the following:		
ME 414	Design for Manufacturing	03
ME 415	Automatic Control II	03
ME 416	Product Design	03
ME 417	Noise	03
ME 419	Advanced Manufacturing Process	03
ME 420	Energy Conservation & Management	03
ME 421	Fluid Power Systems and Machinery	03
ME 422	Automotive Engineering	03

# DETAILS OF SLIIT DEGREE PROGRAMMES

## BSc Engineering Honours Degree in Mechanical Engineering (Mechatronics)

### Orientation Programme

Course No.	Title
MA 001	Mathematical Skills
IT 001	Computer Skills
EL 120	English Language Skills

### Year 1 - Semester 1

Course No.	Title	Credits
CE 101	Engineering Mechanics	04
ME 101	Engineering Design & Processes	04
EC 102	Electrical Systems	03
MA 130	Engineering Mathematics I	03
ME 102	English Language Skills I	02
ME 102	Introduction to Renewable Energy	02
CE 191	Introduction to Sustainable Engineering	
		16

### Year 1 - Semester 2

Course No.	Title	Credits
ME 103	Engineering Skills Development	03
ME 104	Engineering Principles & Communication	04
MT 101	Engineering Materials	04
MA 131	Engineering Mathematics II	03
EC 144	Engineering Programming	03
EL 121	English Language Skills II	02
		19

### Year 2 - Semester 1

Course No.	Title	Credits
ME 201	Mechanics of Solids I	03
CE 271	Fluid Mechanics I	04
ME 202	Mechanics of Machines I	04
ME 203	Engineering Drawing	04
MA 230	Engineering Mathematics III	03
		18

### Year 2 - Semester 2

Course No.	Title	Credits
ME 204	Thermodynamics	04
ME 205	Mechanical Design I	03
ME 206	Manufacturing Processes	03
ME 207	Law for Engineers	03
ME 208	Engineering Sustainable Development	03
	Humanities I	
		16
ME 291	Industrial Training (NGPA)	03

## BSc Engineering Honours Degree in Mechanical Engineering (Mechatronics)

### Year 3 - Semester 1

Course No.	Title	Credits
ME 351	Embedded Systems Engineering	04
ME 352	Mechatronic Automation	04
ME 302	Automatic Control I	03
ME 353	Solid Mechanics and Mechanical Design	04
	Humanities II	
		15

### Year 3 - Semester 2

Course No.	Title	Credits
EC 303	Power Electronics	03
ME 354	Manufacturing Technology	03
ME 308	Engineering Management	03
ME 355	Fluid Mechanics & Thermodynamics	03
ME 356	Mechatronic Project II	04
		16
ME 391	Industrial Training (NGPA)	03

### Year 4 - Semester 1

Course No.	Title	Credits
ME 451	Mechatronic Project III	04
ME 452	Mechatronic Systems Design	03
ME 407	Production and Operations Management	03
ME 411	Industrial Management and Marketing	03
2 Elective Modules of the following:		
EC 401	Power Electronics and Drives	
ME 403	Vibration	03
EC 448	Computer Vision and Image Processing	03
ME 408	Computer Aided Design and Manufacture	03
ME 409	Energy Technology and Environment	03

### Year 4 - Semester 2

Course No.	Title	Credits
ME 453	Mechatronic Project IV	04
ME 418	Industrial Engineering	03
ME 413	Professional Practice	03
2 Elective Modules of the following:		
ME 414	Design for Manufacturing	03
ME 415	Automatic Control II	03
ME 417	Noise	03
ME 422	Automotive Engineering	03
EC 371	Instrumentation & Control	03
EC 371	Embedded Software Engineering	03

# POSTGRADUATE PROGRAMMES



A PATHWAY TO HEIGHTS...

# POSTGRADUATE PROGRAMMES

## MSc Degrees

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

- **Information Technology**
- **Information Systems**
- **Information Management**

### MSc Degree / Postgraduate Diploma in Information Technology

This programme is specially designed for graduates in Information Technology, Computer Science and Computer Engineering fields and provides the participants a core of advanced knowledge and skills in IT beyond the level of a Bachelor's degree in IT.

This is supplemented by a range of options within the areas of Software Engineering, Computer Networks, E-business Technologies, Database Management, Business Systems and the like.

The Degree is designed to impart knowledge on current and emerging developments in IT, as well as to provide in-depth knowledge in advanced topics for participants to function as high-level specialists, advisors, consultants, project managers and practitioners in the field of IT.

### MSc Degree / Postgraduate Diploma in Information Systems

This MSc programme focuses on high-tech innovations in the field of IT and its successful integration to business. Managing the effective application of information technologies in modern business organizations requires a blend of business and technical expertise.

Students need a good understanding of the significant issues while facing enterprises throughout the business sector, as well as the impact of rapidly evolving technologies in information handling and communication. The demand for leaders of this sort, often referred to as 'hybrid managers', is growing rapidly as these technologies become the cornerstone of strategic effectiveness for many enterprises.

Information Systems is a diverse and rewarding subject and this course covers several core areas and students will develop a sound theoretical and practical understanding of business information systems, technology and associated strategies.

### MSc Degree / Postgraduate Diploma in Information Management

This programme is specially designed for graduates and members of professional bodies with managerial experience. MSc in Information Management offers participants the real edge in modern business development and planning using Information Technology tools. The programme is designed to guide through a proven framework integrating IT with business and to work towards developing a comprehensive Information strategic plan.

It equips with Information literacy skills and imparts a strong technical background, necessary to function effectively in fast changing business environments replete with computer networks, electronic publishing and the Internet.

On successful completion of the programme, participants will be able to utilize Information Systems effectively within their organizations and to evaluate and select appropriate methods and technologies for representing, managing and disseminating information. They will thus be able to develop a critical awareness of modern Information and Communication Technology applications for strategic management and decision making, and to decide on the IT infrastructure most relevant to the respective organization.





# ADMISSION REQUIREMENTS FOR THE UNDERGRADUATE PROGRAMMES

## BSc Special Honours Degree and Diploma Programmes (SLIIT)

The minimum admission requirements for the BSc Honours Degree and Diploma programmes and the areas of specialization are given below.

### Areas of Specialization

- *Information Technology*
- *Computer Systems and Networking*
- *Information Systems*
- *Software Engineering*
- *Interactive Media*
- *Cyber Security*

### Admission Requirements for specialization in Information Technology / Information systems

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

### Admission Requirements for specialization in Computer Systems and Networking

Same as the above except that passes in Mathematics or Physics at the G.C.E. (Advanced Level) Examination (Sri Lanka / London) are compulsory

### Admission Requirements for specialization in Software Engineering

Same as the requirement for specialization in Information Technology, along with passes for all modules up to the 2nd year and a GPA of over 2.7 are eligible to join this specialization

### Admission Requirements for specialization in Interactive Media / Cyber Security

Same as the requirement for specialization in Information Technology and students are expected to undergo an Interview once they complete the Diploma Level.

## BBA Special Honours Degree and Diploma Programmes (SLIIT)

The minimum admission requirements for the BBA Special Honours Degree and Diploma programmes are given below.

### Admission Requirements for BBA Special (Hons) Degree

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

## BSc Engineering Honours Degree and Diploma Programmes (SLIIT)

The minimum admission requirements for the BSc Eng Special Honors Degree and Diploma programmes are given below.

### Admission Requirements for BSc Engineering Special (Hons) Degree

G.C.E Advanced Level Sri Lanka / London - 3 passes in Maths stream including a Credit pass in Mathematics or Physics in one and the same sitting and a pass at the aptitude test to be conducted by SLIIT.

## BSc in Information Technology (SLIIT)

Minimum of one G.C.E Advance Level pass in any discipline (Local / London) and a pass in the Aptitude Test conducted by SLIIT Computing.



Students who are awaiting results of the G.C.E. (Advanced Level) Examination may also apply. If the required 'A' Level standards in due course, they could proceed with the special honours degree programme. There are also degree programmes available for those with one or more A/L passes. Further details of these programmes may be obtained from Manager - Academic Affairs.

# BSC SPECIAL HONOURS GRADES AND REQUIREMENTS

## Grading System

The 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+	4.0	90 - 100
A	4.0	80 - 89
A-	3.7	75 - 79
B+	3.3	70 - 74
B	3.0	65 - 69
B-	2.7	60 - 64
C+	2.3	55 - 59
C	2.0	45 - 54
C-	1.7	40 - 44
D+	1.3	35 - 39
D	1.0	30 - 34
E	0.0	00 - 29

## Grade Point Average (GPA) per semester

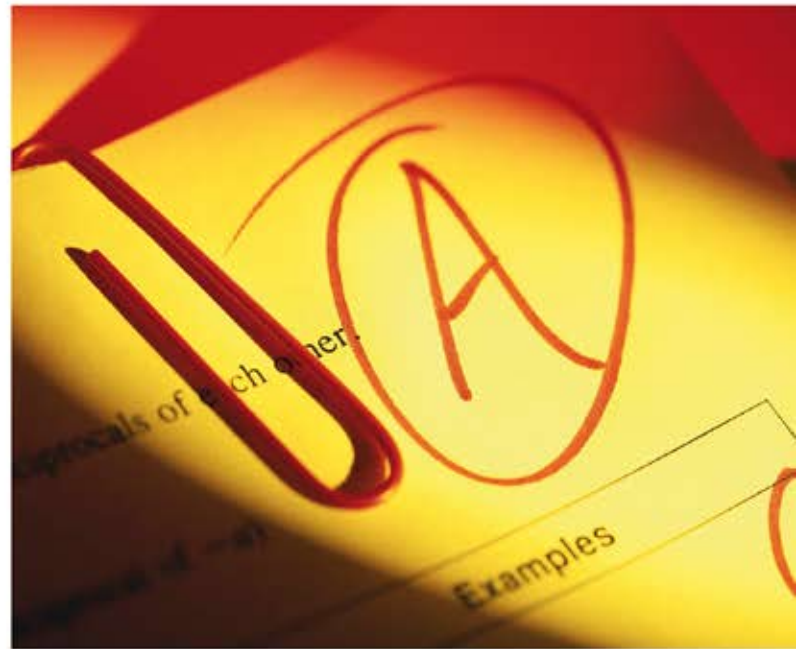
GPA is computed by dividing the sum of the products of the number of credits for each course followed and the grade points earned for that course by a student by the total number of credits for the courses followed during the semester by that student.

## Cumulative Grade Point Average (CGPA)

Cumulative Grade Point Average is computed by dividing the sum of the products of the number of credits of all the courses followed and the grade points earned for those courses by a student by the total number of credits for the courses followed up to that point of time by that student.

## Attendance in Classes

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



## GPA Requirements for the Award of Hons Degrees

Every student should maintain a cumulative GPA of 2.0 or above. Students will be awarded academic honours at degree level as follows:

- CGPA 3.7 - First Class Honours
- $3.3 \leq \text{CGPA} < 3.7$  - Second Class Honours Upper Division
- $3.0 \leq \text{CGPA} < 3.3$  - Second Class Honours Lower Division
- $2.0 < \text{CGPA} < 3.0$  - Pass

Cumulative GPA is calculated using the following weights

- 1<sup>st</sup> year - 0%
- 2<sup>nd</sup> year - 20 %
- 3<sup>rd</sup> year - 30%
- 4<sup>th</sup> year - 50%

## GPA Requirements for the Award of General Degrees

- CGPA 3.7 - First Class
- $3.3 \leq \text{CGPA} < 3.7$  - Second Class Upper Division
- $3.0 \leq \text{CGPA} < 3.3$  - Second Class Lower Division
- $2.0 \leq \text{CGPA} < 3.0$  - Pass

Cumulative GPA is calculated using the following weights

- 1<sup>st</sup> year - 0%
- 2<sup>nd</sup> year - 20 %
- 3<sup>rd</sup> year - 30%

## Medium of Instruction

The medium of instruction for all degree and diploma programmes is English.



**LABORATORY  
FACILITIES**



**MODERN LABORATORIES AT SLIIT...**

# SLIIT LABORATORY FACILITIES

## Labs at Metropolitan Campus

- Lab 1 : 50 computers
- Lab 2 : 75 computers
- Lab 3 : 58 computers
- Lab 4 : 50 computers
- Lab 5 : 36 computers
- Lab 6 : 26 computers
- Lab 7 : 56 computers
- Lab 8 : 24 computers
- Lab 9 : 24 computers
- CISCO Laboratory 2 with 22 computers with PIX Firewalls, routers & manageable switches & other Networking Equipment
- Microsoft Laboratory with computers
- Electrical Engineering Laboratory
- CISCO Laboratory with computers, routers, switches & other Networking Equipment
- Data Communications Laboratory
- Postgraduate Laboratory with high-end computers
- Project Laboratory
- UNIX Laboratory with SUN / UNIX Workstations
- Multimedia Laboratory with high-end computers

## Labs at Malabe Campus

### Computer Laboratories

- Lab 1 : 64 computers
- Lab 2 : 64 computers
- Lab 3 : 64 computers
- Lab 4 : 64 computers
- Lab 5 : 64 computers
- Lab 6 : 64 computers
- Lab 7 : 60 computers
- Lab 8 : 12 computers
- Lab 9 : 16 computers

### Engineering Laboratories

- Data Communications Laboratory with CISCO, CCNP equipment
- Embedded Systems Laboratory
- Robotics & Automation Laboratory
- Electrical Engineering Lab
- Electronic Test & Measurement Lab
- Communication Systems Laboratory equipped with
- Telecommunications Instructional Modeling Systems (TIMS)
- Structural Engineering / Building Materials Lab
- Thermodynamics & Refrigeration Lab
- Production Lab
- RF & Microwave Lab
- Mechanical Engineering Workshop
- Surveying Lab
- Mechanics of Machine Lab
- Strength of Materials Lab
- Environment Lab
- Machines & Power Electronic Lab
- Electrical Lab
- Embedded & Digital Electronic Lab
- Electronics Lab
- Electronic Workshop
- Controls and Automation Lab
- Networking Lab
- Drawing Studio

## Labs at Matara Centre

- Lab 1 : 32 computers
- Lab 2 : 24 computers
- Lab 3 : 20 Computers
- Lab 4 : Data com 10 Computers

## Labs at Kandy Centre

- Lab 1 : 24 computers
- Lab 2 : 24 computers
- Lab 3 : 24 computers
- Lab 4 : 26 computers

## Labs at Jaffna Centre

- Lab 1 : 24 computers
- Lab 2 : 20 computers

## Labs at Kurunegala Centre

- Lab 1 : 29 computers
- Lab 2 : 29 computers

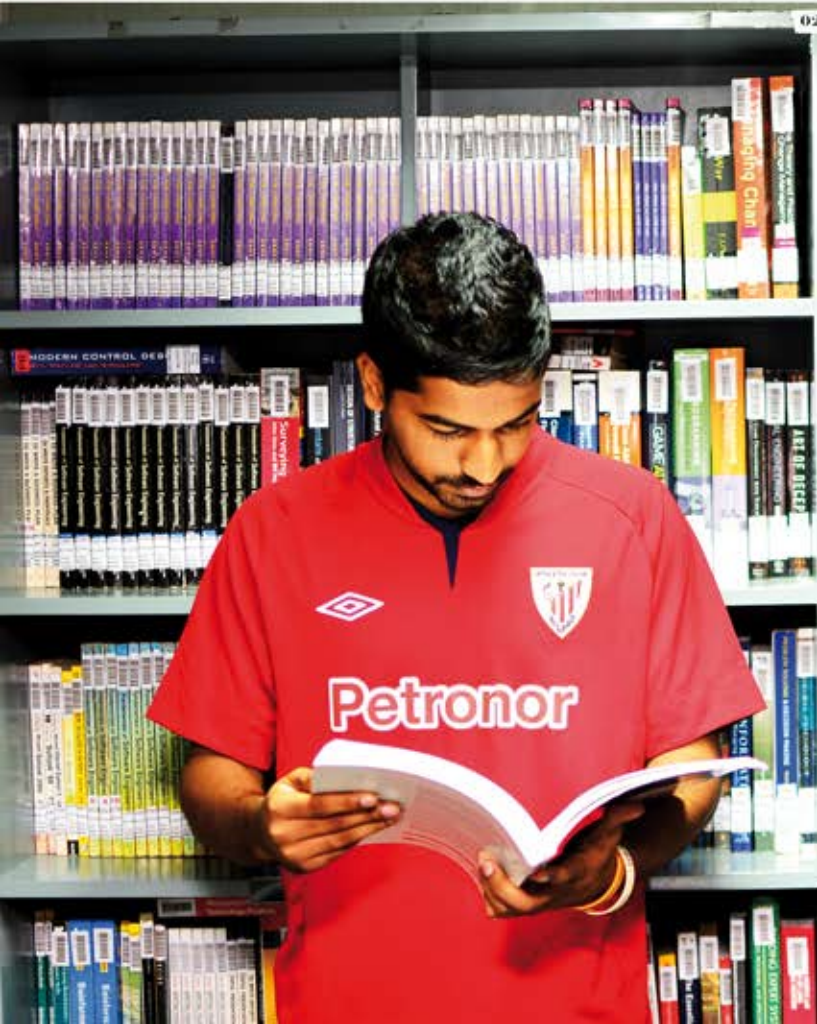
All these laboratories are served by high performance servers featuring multiple 64 bit dual core Xeon processors. The computer network at SLIIT comprises a fiber optic backbone and is managed with Gigabit switching providing future -proof connectivity with high availability, reliability and scalability. Each course will have a component of practical assignments that will have to be carried out on a computer. In order to enable students to carry out their individual or group segments, the Institute will provide free access to laboratories including a dedicated general purpose computing Resource Centre. Professional staff will be at hand to guide and assist the students where necessary.

SLIIT has free Internet access via 40 Mbps of ADSL connectivity to the Internet and 4.5 Mbps of Internet leased circuit bandwidth via multiple service providers for other services

# LIBRARY FACILITIES



SLIIT LIBRARIES  
LATEST COLLECTION OF BOOKS...



## SLIIT LIBRARY FACILITIES

Library facilities available to students through the Main Library (libraries) at the Malabe and Metro Campus as well at the regional centres support a wide variety of subjects covered by SLIIT courses at many academic levels, ranging from under graduate and professional development classes through to post-graduate studies. The collections comprise high quality books, periodicals. SLIIT has its own Automated Library System through which students can browse the range of books and periodicals available in all campuses, reserve books and request for new books. Membership of the library entitles a student to access the SLIIT Digital Library with its collection of e-books, content of current journals, past examination papers, recommended texts for related courses, and a range of glossaries.

Computer terminals in the Library give access to the internet and the full range of electronic resources subscribed to by the Institute. The Reading Room adjoining the Library is available for study and is equipped with power points for laptops and provides wireless Internet access.

The Library is being augmented continuously to cater to the increasing number of students and for the propagation of knowledge. The libraries are open to SLIIT students daily including the weekend from 7.30 am to 7.00 pm. They are only closed on poya days and other special holidays indicated in the SLIIT calendar.

Inside the libraries there are adequate workstations and allow students to bring their Laptops to the reference desk. Students have free access to the library for reference work.

To become a library member students have to keep a refundable security deposit of Rs. 3000/=. Students have access to core textbooks, reference work, general reading materials, CDs, DVDS and a collection of current periodicals.

The mission of the SLIIT library is to ***“support and advance the educational mission of the SLIIT by facilitating access to scholarly collections and information resources”***. ***SLIIT library’s primary interest is to help members use the library and develop lifelong reading skills.***

The objective of the SLIIT library is to support and advance the educational mission of the SLIIT by facilitating access to scholarly collections and information resources.



# RESEARCH AND DEVELOPMENT FACILITIES

# R&D

New product technology, etc  
change and the  
the cus

RESEARCH AT SLIIT...



## SLIIT RESEARCH FACILITIES

As a leading tertiary educational institute in Sri Lanka, research is an integral part of SLIIT. We strive for a vibrant research culture and numerous initiatives are in place to promote research among the academic and student communities. Integrating research methodology to undergraduate and postgraduate curricula, establishing a research center to carry out research work, the SLIIT Research Grant Scheme, National Conference on Technology and Management are all meant to promote research.

Research methodology is a compulsory module for all postgraduate and undergraduate programs at SLIIT. This aims to inculcate skills to acquire new knowledge which is of paramount importance in the field of Information Technology where the body of knowledge grows exponentially. All students complete a comprehensive research project under the guidance of SLIIT staff members. Generally undergraduate students work in groups to fulfill this compulsory requirement while masters students take up individual projects.

The SLIIT Research Centre, overseen by a committee of senior academics/researchers, provides facilities to carry out staff and student research. SLIIT Research Centre organizes the National Conference on Technology and Management (NCTM), a forum to discuss contemporary issues in the fields of Technology and Management. In 2013, SLIIT organized this forum for the 8th consecutive year.

During these first 6 years it was confined to research in the field of Information Technology and participants were mainly from SLIIT.

During the last two years NCTM has been improved by the quality of the research work and by wider participation by both academia and industry.

Research programmes at SLIIT received a big boost with the introduction of a research grant scheme. All academics are clustered into research teams and each team is headed by a senior researcher. The senior researchers as the principle investigators are eligible for the SLIIT annual research grants.



These grants can be freely utilized for research related purposes such as accessing useful research resources (e.g. on-line journals) and participation in conferences. SLIIT research seminar sessions provide all academics a platform to present their research work.

The seminar is organized by a SLIIT research seminar committee which is spearheaded by Head/SLIIT Research Center. This committee organizes workshops to guide SLIIT post graduate students to improve their skill in research.

SLIIT Research center at Malabe Campus provides a good study environment, computer facilities to browse online research articles and is freely available for research discussions.



# ENTREPRENEURSHIP DEVELOPMENT AT SLIIT

## Sri Lanka Technology Incubator - Conceptnursery

### Facilities at Conceptnursery

The Sri Lanka Technology Incubator also known as Concept Nursery located on the 8th floor of the Malabe Campus is established to assist and promote IT enterprises, innovators and IT start-up companies by providing access to business and technical expertise, financial resources, international industry contacts, communication facilities,

training in IT, business advice and business plan development and marketing. Students at SLIIT also have the opportunity to commercialize their research work carried out with their undergraduate & postgraduate studies.

Companies / Establishments use the Institute's state-of-the-art facilities including modern

networking infrastructure and also have access to a pool of expertise and well trained students to carry out research and development.

Selected students will have the opportunity to work in this facility by engaging themselves in research and development projects undertaken by these resident companies.

The exposure will provide the students with valuable experience in a working environment. Selected students will also get an opportunity to earn an extra income by engaging in fruitful work.



Conceptnursery has nurtured several successful and award winning entrepreneurs such as Chamira Jayasinghe, CEO of Arimac Lanka (Pvt) Ltd who won the Best ICT entrepreneur of the year in Sri Lanka at the NBQSA 2012.

Companies that have "graduated" from Conceptnursery such as Infrosoft (Pvt) Ltd, ZeeLab, Futuretrends, Evolution Software (Pvt) Ltd have provided employment to a large number of graduates from SLIIT.

Students at SLIIT also have the opportunity to commercialize their research work carried out with their undergraduate & postgraduate studies.

# PROFESSIONAL DEVELOPMENT PROGRAMMES DIVISION



**SLIIT CPD PROGRAMMES  
OF DISTINCTION...**

# PROFESSIONAL DEVELOPMENT PROGRAMMES

SLIIT currently conducts a wide range of programmes for professional development in addition to its core programmes like the undergraduate, postgraduate and diploma programmes. Some professional development programmes conducted at SLIIT are shown below.

## Industry Certified CPD Programmes



### CISCO Networking Academy Programmes

As the first institute in Sri Lanka to establish a partnership with CISCO, the world leader in computer networking, SLIIT launched the first CISCO Networking Academy in Sri Lanka. This Academy conducts a series of professionally certified programmes leading to the world renowned CCNA Exploration, CCNA Security, CCNP and Wireless certifications. In addition to above, now SLIIT trains instructors as the first and only Cisco Instructor training Center in Sri Lanka.

### CCNP

CCNP involves three courses: CCNP- Route- Implementing CISCO IP Routing, CCNP- SWITCH –Implementing CISCO IP Switch Networks & CCNPSHOOT- Troubleshooting and Maintaining Cisco IP Networks that align to the three certification exams required to obtain the Cisco Certified Network Professional Certification. These courses provide the knowledge and skills necessary to deploy and maintain fully integrated network infrastructure services and applications. With a focus on advanced skills to manage end-to-end network infrastructure, it goes beyond core routing and switching to include applications such as wireless, security and voice deployed on the edge of the network.

### CCNA Security

The Cisco CCNA Security program provides the knowledge required to understand security vulnerabilities, how to overcome network attacks and how to install, troubleshoot, and monitor Cisco security network devices. In addition, CCNA Security confirms an individual's skills for job roles such as network security specialist, security administrator, and network security support engineer.

### CISCO Fundamentals of Wireless LANs

This Programme focuses on the design, planning, implementation, operation and troubleshooting of wireless LANs and covers a comprehensive overview of technologies, security, and best practices with particular emphasis on hands on skills in the areas of wireless LAN setup and troubleshooting.

### CCNA Routing and Switching (New V5.0)

CCNA Routing and Switching(NEW CCNA V5.0) program provides an integrated and comprehensive coverage of networking topics, from fundamentals to advanced applications and services, while providing opportunities for hands-on practical experience and career skills development. Students will be prepared to take the Cisco CCENT® certification exam after completing a set of two courses and the CCNA Routing and Switching certification exam after completing a set of four courses. The curriculum also helps students develop workforce readiness skills and builds a foundation for success in networking-related careers and degree programs.



## Industry Certified CPD Programs



### Microsoft IT Academy Programmes

SLIIT established the First Microsoft IT Academy in Sri Lanka. This Academy conducts a series of Microsoft programmes leading to internationally recognized Microsoft Certified IT Professional (MSITP) and Microsoft Certified Professional Developer (MCPD) Certifications. It also offers young Sri Lankans the opportunity to join a world team of Systems Engineers & Solution Developers.

### Developing ASP.NET Web Applications

This programme instructor-led course will teach Microsoft Visual Basic programmers and beginning Web developers the fundamentals of Web application site implementation by using Microsoft ASP.NET and Microsoft Visual Basic .NET. This course focuses on using the Microsoft Visual Studio .NET environment and the Microsoft .NET platform to create an ASP.NET Web application that delivers dynamic content to a website.

### C#.NET

This Program provides the knowledge and skills needed to develop C#.NET Windows applications, Web Services, Database Tools, Components and Controls for the Microsoft.NET Platform focusing on C# program structure, language syntax, and implementation details.

### MCTS: Windows 7 Configuration

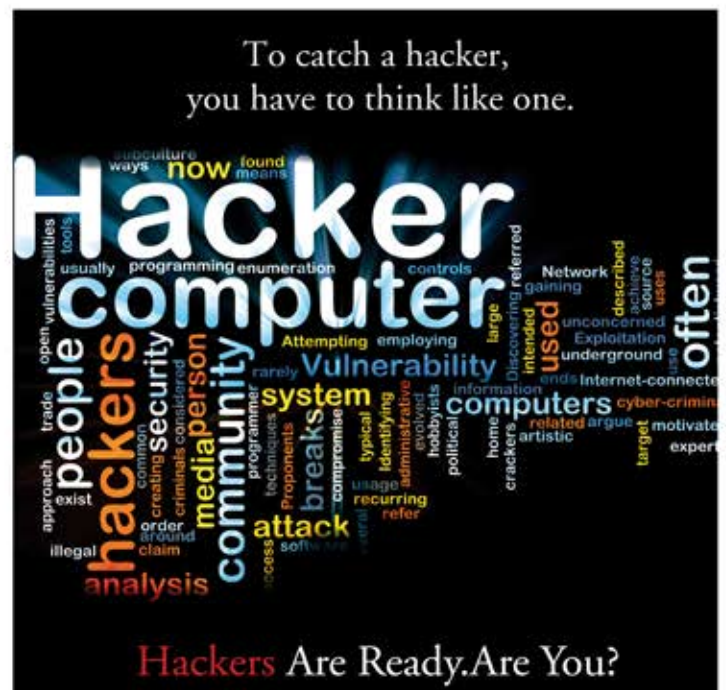
This program addresses the training needs of Systems administrators and Systems Engineers with support required towards Windows 7. It provides students with hands-on training for Installing, Configuring, and Administering Microsoft Windows 7, in a network environment.

### MCTS: Windows Server 2008 Active Directory Configuration

This program provides the knowledge and skills to configure Active Directory in a distributed environment, implement Group Policies, perform backup and restore, and monitor and troubleshoot Active Directory related issues. Completion of this course together with Configuring and Troubleshooting Identity and Access Solutions with Windows Server 2008 Active Directory Course helps students to achieve MCTS: 83-640 (alias 70-640) Certification.

### Software Quality Assurance Professional Programme

SLIIT in association with Virtusa (Pvt) Ltd offers a Certification programme for Software Quality Assurance. Virtusa will provide career opportunities to the candidates who successfully complete the certification exam conducted at the end of the training program and then selected by Virtusa.





## Other CPD Programmes

SLIIT has developed its own training programmes for beginners and Professionals as entry level and Continuing Professional Development Programmes respectively.

### Certificate Programme in IT Applications (CPITA) (for O/L and A/L students)

This Programme provides comprehensive knowledge to understand the basics and fundamental concepts of information Technology(IT). It is designed to meet the hopes and aspirations of those waiting to be skilled in the use of IT. Complementing the learning already acquired, this Programme opens the doors to a wide variety of domains in IT.

### Knowledge Worker Certificate (KWC)

This basic level program aimed at beginners to Computing, covers Microsoft Office Packages (Microsoft Word, Microsoft Excel, Microsoft Power point and Microsoft Excel) & the basics of Internet & E-mail leading to the ICDL (International Computer Driving License) certification. SLIIT is an authorized TEST Centre for ICDL.

### Web Development

The program provides comprehensive training needed to become a professional Web Developer and is about the necessary skills for Web development using the most powerful Languages & tools: HTML, Java Script, Java2, Adobe Photoshop & Image Ready, Macromedia Flash MX & Server Programming.

### PHP/MYSQL

This is the next level of the Web developer program and this provides advanced skills required towards dynamic Web page designing.

## Other CPD Programmes

### Graphics Designing & Multimedia

This program provides comprehensive knowledge for drawing with a computer using digitalized image manipulation. It consists of 3D Max 2008, Adobe Photo Shop CS3, Adobe Premier CS3, Adobe Audition 3.0 and Corel Draw 14 etc:

### Advanced Digital Animation and Special Effects

This is the next level program designed for those who have already learnt the basic concepts of graphics design and multimedia. This program provides necessary skills in Advanced Digital Animation and Special Effects which are highly required for carrying out jobs in Printing, advertising and Television Industry. The program mainly covers Auto desk Maya 2012, Autodesk Mud Box 2012, Poser Pro and Adobe After Effects CS5.

### Advanced Linux Administration Programme

This program provides comprehensive training needed to become a Linux Systems Administrator. It covers Introduction to Linux Environment, Installation of Linux, Unix / Linux commands, Advanced Shell Usage, System tuning, PROC file system, work with Linux Kernel, TCP / IP Networking, DNS, Firewall, Routing, NAT and Mail Server Configurations, other system services and How to implement Security in Linux

### Certified Information Systems Auditor (CISA)

This CISA Program provides necessary knowledge to acquire skills in Information Systems audit, Control and Security. This Program also focuses on the globally recognized CISA certification.

### JAVA Programming (for OCJP Certification)

This Program is ideal for current programmers and those looking to enter the field, focuses on the Oracle Certified Java Programmer certification exam covering the seven competency areas such as Introduction to JAVA environment, Flow Control, Object Oriented Concepts, API Contents, Threads, Collections / Generics and Development. The classes are conducted on Java 2 Platform, Standard Edition 6.0.

### Mobile Application Development for Android

SLIIT has developed a comprehensive training program with Practicals to teach Students the architecture, API and techniques to create high performance and appealing applications for the Android devices. This program is good for those who want to start their own Application developments in Android, Programmers who want to shift to Mobile Applications Development or any Professional who want to enhance their existing Application development skills.

### Mobile Application Development for Apple IOS

This program is designed mainly to provide students a comprehensive knowledge in developing Mobile Application for Apple IOS. This program is good for those who want to start their own Application developments in Apple IOS, Programmers who want to shift to Mobile Applications Development or any Professional who want to enhance their existing Application development skills.

### Hybrid Mobile Application Development using Titanium

Hybrid mobile application development technique is one of the latest mobile application development concept widely used for high-end mobile development. This course specially designed to provide in-depth understanding of hybrid mobile application development and techniques such as how to create Blackberry, iOS and Android applications from a single code base with the open-source Appcelerator Titanium platform.

### Certificate Programme in Server Virtualization Technologies

This course mainly covers the concept of Virtualization, core components and technologies in different platforms. Introducing Server / Storage technologies to understand the main objective of this course and will advance to discuss and experience the main server Virtualization platforms in the industry with hands on lab sessions.

This course will provide the necessary knowledge in two main Server Virtualization platforms (VMware & Microsoft HyperV).

### Certificate Programme in Ethical Hacking & Cyber Forensics

This course helps the students to become a professional in vulnerability analysis, penetration testing, learn ethical hacking in the right way with the understanding of Law, auditing, business impact and etc. This ethical hacking course which will teach auditing skills needed for security consultation including the basics of information security standards like ISO 27001, ISO 22301.

## Testing Centres at SLIIT



### Pearson VUE Testing Centre at SLIIT

SLIIT is an authorized centre of Pearson VUE that provides innovative electronic testing solutions especially for Cisco Certifications that enhance the performance, reliability and security of high stakes testing programs throughout the world. Candidates can do any other Professional examinations such as, CompTIA, SAP, SPSS, Adobe etc. at SLIIT Pearson VUE Test Center too.



### Prometric Testing Centre at SLIIT

SLIIT is also an authorized centre of Prometric that provides electronic Testing Solutions especially for Microsoft Certifications. Candidates can do any other Professional Certification examinations such as SCJP, NAV 5.0, IBM, AX 2009 Trade & Logistics etc.



# LINKS WITH IT INDUSTRY

## Industry Partnership

SLIIT has strong links with IT industry in Sri Lanka and abroad. World leaders in IT such as CISCO, IBM and Microsoft have established partnerships with SLIIT in conducting world renowned training programmes at SLIIT.



SLIIT is the first and only institute in Sri Lanka that has established a partnership with CISCO, the world leader in computer networking and has launched the first CISCO Networking Academy and the only CISCO Regional Networking Academy in Sri Lanka at the SLIIT.

This Academy conducts a series of professionally certified programmes leading to the world renowned CCNA, CCNP and other CISCO certifications



"Virtusa" has identified SLIIT as their main entity for a campus research strategy. As at mid 2008, Virtusa had recruited more than 180 SLIIT graduates who are working at Virtusa in areas of Software engineering and Quality Assurance. Virtusa has plans to recruit more SLIIT graduates next year. They will monitor the students projects providing Project Management guidelines. Virtusa also offers extensive internship with stipend and employment after successful completion of studies.



Industrial and Financial Systems (IFS), a Swedish based IT company, founded in 1983, is a world leader in developing component based business software. It has been operating in Sri Lanka since 1997 and has established itself as one of the leading software development companies in the country employing over 600 software professionals.

Over the years IFS has awarded close to 100 scholarships and a vast majority of these scholars are now permanently employed by the company. The experience gained during the internship, reinforced by the academic achievements, position the scholars to become future leaders of the IT industry.



SLIIT established the First Microsoft IT Academy in Sri Lanka. This Academy conducts a series of professionally certified programmes leading to internationally recognized Microsoft Certified System Engineer (MCSE) and Microsoft Certified Solution Developer (MCSO) certifications.

SLIIT has commenced the first stage of the Microsoft Certified Academy Program (MCP, MCSA, MCSE & MCSO) giving young Sri Lankans the opportunity to join a world team of Systems Engineers and Solution Developers.



The partnership between Sri Lanka Institute of Information Technology and IBM will provide an excellent opportunity for SLIIT students to use, learn and train in IBM Software. Post training, IBM will also facilitate the certification process of all the interested students through a third party Prometric test which will help these students achieve the certification on IBM software.



# STUDENT SERVICES



**EXCELLENT FACILITIES & SERVICES...**

# STUDENT SERVICES

## Handling Student Queries

Student Services at SLIIT are mainly coordinated by the Academic and Student Affairs Division of the Institute. The following officials are available to assist the students on related issues.

Director, Student Affairs  
*Malabe Campus (1<sup>st</sup> floor)*

Manager, Academic Affairs  
*Malabe Campus (1<sup>st</sup> floor)*

Manager, Academic Affairs  
*Metro Campus (15<sup>th</sup> Floor)*

Manager, Career Guidance & Counseling  
*Malabe Campus (2<sup>nd</sup> floor)*

Manager, Physical Education  
*Malabe Campus (2<sup>nd</sup> floor)*

Medical Officer  
*Malabe Campus (2<sup>nd</sup> floor)*

Manager  
*Kandy Centre (Kandy Centre)*

Manager  
*Matara Centre (Matara Centre)*

Manager  
*Kurunegala Centre (Kurunegala Centre)*

Manager  
*Jaffna Centre (Jaffna Centre)*

Students are invited to meet the above officials if and when they are confronted with any issue which needs to be resolved.

## SLIIT Student Housing

SLIIT offers limited residential facilities to female students within the Campus. Five apartments with all facilities, are available to female students of SLIIT, for a reasonable rent.

Each apartment has two twin bedrooms and one single room, two toilets, a living room and a kitchen, accommodating five students. An apartment will have basic furniture. The kitchen will be provided with a refrigerator and a gas cooker. Water and Electricity will be provided free of charge.

Female students may apply to Director Administration once they receive the SLIIT letter of acceptance, in mid November. Students will be selected on a "first come first served basis" as housing facilities are limited.

For any additional information and inspection, students may contact Director Administration.

Private housing facilities are available to both male and female students within easy reach of SLIIT Malabe Campus. These include places either for board and lodging or for lodging only.

## SLIIT Student Transport

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



## SLIIT Gymnasium / Recreation Centre

The SLIIT Gymnasium located at the Malabe Campus, is a complete unit consisting of modern equipment. Membership to the Recreation Centre with a wide range of membership options to suit student requirement is available to the students.

## SLIIT Career Guidance Unit

SLIIT has a well established Career Guidance Unit that serves as a coordinating body between the students and organizations providing academic and career counseling service as well as employment placement services.

The Career Guidance Unit provides counseling and guidance services to students to choose their career path through individual counseling sessions and workshops. Students are assisted with creating CVs and preparing for interviews.

The unit works closely with industry and employment agencies to ensure that students have the skills and knowledge for career success. Job search workshops and career fairs are organized to help students to contact potential employers.

## SLIIT English Help Desk

Clarity in communication and skill in the use of the English language are of cardinal importance to professionals in the IT industry which includes IT-BPO services. As such, all students are required to take the prescribed courses to obtain the degree. To further enhance the communication and language skills of the students, SLIIT offers a novel method of assisting students as and when they require such assistance through the English Help Desk.

The English Help Desk manned by staff of the English Language Teaching Unit provides a service to any student who requires assistance in understanding lecture material, preparation of assignments and research papers, editing & drafting of reports, etc.

## SLIIT Medical Facility

SLIIT considers health of students and staff as a vital factor in running the institute efficiently. As such, SLIIT provides a full-time medical consultancy service for the benefit of students and staff. The SLIIT medical facility is available at the Malabe Campus. This service is provided free of charge to staff and students.



# SLIIT SPORTS, CLUBS & SOCIETIES



**EXTRACURRICULAR AND  
CO-CURRICULAR ACTIVITIES...**

# SLIIT SPORTS, CLUBS & SOCIETIES

Participation in sports, clubs and societies is an important part of student life. They provide a social and cultural environment for students to interact with others having varied interests thereby opening up opportunities, exposure to new experiences and personality development.

We, at SLIIT believe that students need to complement their academic work with a wide variety of extra-curricular and co-curricular activities. As such SLIIT provides these opportunities and encourages students to participate in them actively.

## Student Interactive Society

The Student Interactive Society (SIS) at SLIIT has many objectives. They range from creating an interest in sports to promoting healthy, interpersonal relationships among the student community and the staff of SLIIT.

The patrons of the society are: The Chairman and the President, of SLIIT. The Committee is responsible for the conduct of all activities, maintaining decorum and adhering to rules and safeguarding the good name of the Institute.

## Sports Council

The objective of the Sports Council is to promote sports and recreational activities which are an important part of student life.

At SLIIT, students engage in a wide range of sports including Cricket, Rugby, Basketball, Netball, Volleyball, Tennis, Table Tennis, badminton, Chess and Carrom.

The Malabe Campus has excellent indoor and outdoor sports facilities. These include a large playground, a Tennis court complex, a Basketball court, indoor Table Tennis and Carrom and a well equipped gymnasium.

## Foss Community

FOSS or Free and Open Source Software, helps expand scope of Information and Communication Technology (ICT).

The FOSS Community at SLIIT helps raise awareness among students to learn the concepts of Open Source Software movement, facilitating a base to link with the global community.

## Rotaract Club

Rotaract Club of SLIIT is a service club established for SLIIT students under the auspices of "Rotary International" and the sponsorship by local Rotary Club/s mentored by the parent club of Baththaramulla. Its membership is open to all SLIIT students and aims at developing professional and leadership skills in the membership, emphasizing the respect for rights of others and promotes ethical standards and the dignity of all useful occupations, creates opportunity for members to initiate community development projects, promoting peace and understanding in the community and interacting with sponsoring Rotary Clubs and actively participating in the activities undertaken by them. Rotaractors projects from under four categories; professional development, community service, club service, international understanding.



## HEdra SLIIT Programming Community

HEdra is a programming community that encourages students to actively engage in programming. Members of this group conduct tech talks on Interesting Topics related to Game Development, Open Source Software Development, .NET and Java Technologies. The community who are passionate about programming strives to spread the message that programming is a rewarding and exciting activity.

## Information Technology Student Community

The main objective of the IT Student Community is to enhance the knowledge of IT students and better gear them to the ever changing IT industry. Activities such as workshops and guest lectures by leading IT professionals in industry enable students to prepare for the challenges that lie ahead while fostering better student interaction and sharing of knowledge.

## CSN Student Community

CSN Student Community (CSNSC) is an exclusive society for all CSN students. CSNSC focuses on expanding the knowledge of students in the CSN department on information security, reverse engineering and fields related to computer networking, through various seminars, workshops and conferences.

## Faculty of Business Student Community

The FBSC comprise students from the Information Systems (IS) and Business Management (BM) specializations. One of the main objectives of the unit is to build a platform to equip IS and BM undergraduates to face industry, enhancing overall skills and performance through guest lectures and interaction with leading personalities in industry.

## SLIIT Alumni Association

The Alumni Association is formed primarily to support SLIIT, its students and Alumni by acting as a catalyst to foster lifelong connections within the global SLIIT Community. The association provides leadership, voluntary services, and necessary support to current students.



# STUDENT ACHIEVEMENTS

SLIIT encourages students to regularly participate in IT related and other competitions both at national and International level. Participation in these competitions has been very rewarding, bringing in highly acclaimed awards.

Some such past achievements by SLIIT students are recorded below:

- Gold & Silver Award for “National Best Quality ICT Awards (NBQSA) 2013”
- Merit Award for “Asia Pacific ICT Alliance (APICTA 2013)”
- Silver Award for “Project Kundalini”- NBQSA 2011
- Merit Award for “feedIO - A feed aggregator that prioritizes the articles based on the users reading preferences”- NBQSA 2011
- Merit Award for “REEBIS - Remote Electricity Billing System using mobile phone” NBQSA 2011
- Special Recognition for “Metric Based Code Analyzing Tool (MBCAT)” NBQSA 2011
- Special Recognition “Sinhala to English translator (STET)” NBQSA 2011
- The Best Product Developed using Open source Technologies for “Project Kundalini” NBQSA 2011
- Best Local Language Software for “Sinhala to English Translator (STET)” NBQSA 2011
- Fathima Munazza Rafeek, an undergraduate at SLIIT won the challenge trophy on the second season of Art TV's popular reality TV show, IDEATORS 21st February 2011
- Champions - Invitation Inter University Badminton Championship 2011 Women's Singles 1st Runner-up - International University Badminton Championships 2011
- Microsoft Imagine Cup - First Runner-up - 2010
- Microsoft Imagine Cup - Winners 2009
- Men's Badminton Team won the Dr. Amith Munindradasa Memorial
- Challenge Trophy at the Inter University Badminton Championship 2009
- National Best Quality Software Gold and Silver Awards 2007 & 2008
- Microsoft Imagine Cup - First Runner-up 2007 & 2008
- Asia Pacific ICT Gold Award 2007
- Techno 2007 Gold Award



## SLIIT ALUMNI SUCCESS STORIES



I have always been passionate to learn about emerging technologies and innovative new products which stimulate me. My education of SLIIT has followed me to combine my creativity with my professional life and use it in a productive manner.

**Mithra Mayadunne**

BSc (Hons) in Information Technology Specialized in Software Engineering  
Founder + CEO, Mint Solutions  
Project Researcher - Asian Institute of Technology (AIT) - Thailand





Choosing SLIIT for my higher studies was the best decision I have made. It's been challenging, and exciting. I enjoy the challenge and sense of accomplishment that come with each course. Meeting those challengers motivates me to succeed academically and broadens my horizons socially.

**Nalinda Wijayagunawardhane**

BSc (Hons) in Information Technology Specialized in Software Engineering  
Engineer - Technology, Virtusa



The constant interaction with the academic staff as well as the institutional resources significantly contributed to the fostering of my intellectual development.

**Tharindu Edirisinghe**

BSc (Hons) in Information Technology specializing in Software Engineering  
Software Engineer, WSO2



SLIIT has helped me to understand that more of my dreams are within reach and that they are never too old to achieve.

**Tharindra Perera**

BSc (Hons) in Information Technology specializing in Information Systems  
Associate QA , Navantis IT (Pvt) Ltd



## SCHOLARSHIPS

### MHESTF / SLIIT Scholarships

SLIIT offers scholarships to its students for outstanding academic achievement obtained with an excellent Grade Point Average (GPA).

These come in the form of full or partial tuition waivers based on the results of the end of semester examinations.

At the beginning of each year, the Mahapola Higher Education Scholarship Trust Fund (MHESTF) in association with SLIIT awards up to 25 full term scholarships to students enrolled for the weekday programmes, on the basis of performance at examinations and the students' needs for financial support. Eligibility for consideration to receive such a scholarship requires a student to have a minimum Z score of 1.4 at the GCE (A/L) Examination. An initial aptitude test and an interview determine selection of students for scholarships.

It is essential for those selected to maintain good academic standing and conduct for continuation of scholarships.

### Industry Sponsored Scholarships

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

### IFS Scholarships

Industrial and Financial Systems (IFS) Graduate Scholarship Program offers full tuition scholarships to complete the BSc Degree in Information Technology or Computer Systems & Networking from SLIIT / Curtin University of Technology along with an internship at IFS. Selected candidates follow the academic program at SLIIT three days per week and do internship at IFS four days per week.

IFS pays all tuition fees and gives the students a monthly allowance as well. On successful completion of the Degree program, candidates are eligible for permanent positions at IFS.

SLIIT offers scholarships to its students for outstanding academic achievement obtained with an excellent Grade Point Average (GPA). These come in the form of full or practical tuition waivers based on the results of the end of semester examinations.

# FEES

## General

An all inclusive fee is levied to cover lectures, tutorials and examinations and access to computer laboratory facilities and library payable prior to the commencement of the Programme.

The fees should be credited to, Account No 1630552 of the Bank of Ceylon in favour of Sri Lanka Institute of Information Technology, at the Bank of Ceylon Kollupitiya Branch located at the first floor of the BoC Merchant Tower Building or at any branch of the Bank of Ceylon; or to Account No 00 399 0000033 of the Sampath Bank at any branch of Sampath Bank.

Normally, fees paid will not be refunded. However, requests for refund of fees may be considered if made before expiry of one week from the date of commencement of lectures for each semester. The date of commencement of lectures for the new entrants students will be the date of commencement of lectures of the Orientation Programme.

The refund, if made will be subject to a deduction of ten percent of the fee paid.



## BSc Special Honours in IT (Information Technology, Information Systems and Software Engineering Specializations)

The fee is presently Rs. 105,000/= (all inclusive) per semester. Fees for any subsequent semester should be paid prior to the commencement of each semester.

## BBA Special Honours (SLIIT)

The fee is presently Rs. 105,000/= (all inclusive) per semester. Fees for any subsequent semester should be paid prior to the commencement of each semester.

## BSc Engineering Honours (SLIIT)

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

## BSc Special Honours in IT (Computer Systems & Networking Specializations)

The fee is presently Rs 120,000/= (all inclusive) per semester. Fees for any subsequent semester should be paid prior to the commencement of each semester.

## BSc Special Honours in IT (Interactive Media / Cyber Security)

The fee is presently Rs 105,000/= (all inclusive) per semester. Fees for any subsequent semester should be paid prior to the commencement of each semester.

## BSc in Information Technology

The fee is presently Rs 98,000/= (all inclusive) per semester. Fees for any subsequent semester should be paid prior to the commencement of each semester.

# STUDENT CONDUCT

## Official Communications

Communication of important official messages to the student community at SLIIT would be done through several modes, namely Notices published on notice Boards, Notices published on the Course Web, Notices / Information communicated through SLIIT students' e mail accounts, Announcements made at classes and by letters.

Students are expected to visit these sites frequently to be updated about the official activities/issues affecting them during their studentship.

## Identification

SLIIT will issue Identity Cards to students. Every student shall carry in his / her person the Identity Card whilst in the SLIIT premises and shall produce the Identity Card when called upon to do so by a member of the Academic / Administrative / Security Staff.

## General Conduct

All students are expected to conduct themselves in an exemplary manner by way of good conduct, good behavior and discipline both within SLIIT and outside. Students should not engage themselves in acts which will bring discredit to SLIIT or tarnish the image and good name of SLIIT. (Please see note below)

## Freedom from Harassment

SLIIT recognizes the right of students to be free from harassment. As such, any action by a student or a group of students, which causes mental or physical harm or discomfort of any sort to a fellow student, is strictly forbidden.

## Use of Computer Laboratories

Computer Laboratories and Internet facilities should be used by students only for academic purposes. Misuse of above facilities is strictly prohibited.

### Note:

All students of SLIIT would be bound by the law of the land as well as the rules and regulations of the Institute. SLIIT students are expected to familiarize themselves with the rules and regulations of the Institute and abide by them at all times.

The "Student Rule Book on Academic and Disciplinary Conduct" elaborates the standards expected at SLIIT in detail for the information of the students. Students should not bring outsiders to any of the Campuses of SLIIT. In case of necessity, due permission should be obtained from SLIIT Administration.

## Use of Buildings

SLIIT has fully air-conditioned modern buildings with accessories and fittings so as to provide a comfortable and conducive environment for students to be engaged in gainful study. Students should assist SLIIT in maintaining these expensive facilities in good order and should not in any way damage, deface or cause impairment to these facilities.

Students noticing any situation which is likely to affect the security of the buildings and its occupants should bring such to the notice of the Security Staff or any staff member of SLIIT immediately.

## Entertaining Visitors by Students

Students should not bring outsiders to any of the Campuses of SLIIT. In case of necessity, prior permission should be obtained from SLIIT Administration.



# ACADEMIC STAFF

## President / Chief Executive Officer & Chief Academic Officer

Professor Lalith Gamage

*PhD. British Columbia, MSc De Monfort Leicester,*

*BSc Eng (Hons), Moratuwa, MBCS MIEEE,*

*Chartered IT Professional (UK)*

- Professor Karunaratne S., *DSc (HC) Moratuwa, BSc Eng.(Hons), Ceyl, Dip. EE (London), MSc. Eng. Glasgow, CEng, FIEE London, CEng, FIE*
- Dr. (Mrs) Kapurubandara G.M.S., *BSc. Colombo, MSc Comp.Sc. AIT, PhD Australia*
- Dr. Pulasinghe K. N., *BSc. Eng (Hons) Moratuwa, PhD. Saga, MIET, MIEEE, AMIE (SL)*
- Dr. Wijesundara, M.N., *BEng (Hons) Warwick, PhD.NUS*
- Dr. Suraweera T., *BSc. (Hons) J'pura ,MSc, MBA, PhD. New Zealand*
- Professor Peiris T. A., *BSc. (Hons) Moratuwa, D.Eng Japan, DIC & MSc.UK*
- Professor Perera H. S.C., *BSc. Eng (Hons) Moratuwa., MSc. Eng. (AIT) Thailand, PhD (AIT) Thailand*
- Professor de Silva T. K. N. P., *BSc (BE) eq. Colombo, MSc. (Arch.) Moratuwa*
- Professor Thilakasiri H. S., *BSc. Eng. (Hons) Moratuwa, MSc. UK, PhD USA*
- Mr. Mallawarachchi, Y. W., *BSc. Moratuwa, MBA Moratuwa*
- Mr. Kodagoda, G. N., *BSc. (Hons) Moratuwa, M.Phil, Moratuwa*
- Mr. Amararachchi, J., *BSc.J'Pura., PG.Dip. Canterbury, MSc. Colombo*
- Dr.(Mrs) Samarasinghe P.D., *BSc. Eng.(Hons) Moratuwa, PhD Australia*
- Dr. Thelijjagoda, T.A.S.S., *BA J'pura , MEng Japan, PhD. Gifu, Japan*
- Dr. Samarasinghe N.R., *BSc. Kelaniya, MSc, PhD (Kyushu Japan) MBA (Japan), MBA in MOT Kyushu (Japan)*
- Dr. Thilakumara R. P., *BSc. Moratuwa ,PhD Bristol University*
- Dr. Tharmarajah G., *BSc. Eng Moratuwa, PhD UK*
- Dr. Kulasekara E. C., *BSc. Eng Moratuwa, M.Sc. Miami, PhD Miami*
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# CALENDAR OF DATES FOR FACULTY OF COMPUTING

## Year 2014

October 27 (Monday)	- Commencement of Orientation
December 21 (Sunday)	- End of Orientation
December 29 (Monday), 30 (Tuesday)	- Orientation Exams

## Year 2015

### *SEMESTER I*

January 01 (Thursday)	- Commencement of Lectures Weekday
January 03 (Saturday)	- Commencement of Lectures Weekend
February 23 (Monday)	- Start of Mid Term Exam
February 28 (Saturday)	- End of Mid Term Exam
April 05 (Sunday)	- End of Weekend Lectures
April 08 (Wednesday)	- End of Weekday Lectures
April 18 (Saturday)	- Commencement of Final Exam
April 28 (Tuesday)	- End of Final Exam
June 01 (Monday)	- Registration for Repeat
June 03 (Wednesday)	- Commencement of Repeat Exam
June 10 (Wednesday)	- End of Repeat Exam
June 08 (Monday)	- 2 <sup>nd</sup> Semester Registration

### *SEMESTER II*

June 22 (Monday)	- Commencement of Weekday Lectures Semester II
June 27 (Saturday)	- Commencement of Weekend Lectures Semester II
August 10 (Monday)	- Start of Mid Term Examination
August 15 (Saturday)	- End of Mid Term Examination
September 25 (Friday)	- End of Weekday Lectures
September 27 (Sunday)	- End of Weekend Lectures
October 08 (Thursday)	- Start of Final Examinations
October 21 (Wednesday)	- End of Final Examination
November 30 (Monday)	- Final Date of Registration for Repeat Examination
December 01 (Tuesday)	- 2 <sup>nd</sup> Semester Repeat Exams Commencement
December 08 (Tuesday)	- 2 <sup>nd</sup> Semester Repeat Exams Ends



# CALENDAR OF DATES FOR FACULTY OF BUSINESS

## Year 2014

October 27 (Monday)	- Commencement of Orientation
December 21 (Sunday)	- End of Orientation
December 29 (Monday), 30 (Tuesday)	- Orientation Exams

## Year 2015

### *SEMESTER I*

January 05 (Monday)	- First Day of Lectures - Weekday Group
January 10 (Saturday)	- First Day of Lectures - Weekend Group
March 02 (Monday)	- Mid Semester Test - First Day
March 06 (Friday)	- Mid Semester Test - Last Day
April 05 (Sunday)	- Final Day of Lectures - Weekday Group
April 10 (Friday)	- Final Day of Lectures - Weekend Group
April 23 (Thursday)	- Final Exams - First day
May 02 (Saturday)	- Final Exams - last day

### *SEMESTER II*

June 22 (Monday)	- First Day of Lectures - Weekday Group
June 20 (Saturday)	- First Day of Lectures - Weekend Group
August 10 (Monday)	- Mid Semester Test - First Day
August 14 (Friday)	- Mid Semester Test - Last Day
September 25 (Friday)	- Final Day of Lectures - Weekday Group
September 26 (Saturday)	- Final Day of Lectures - Weekend Group
October 11 (Sunday)	- Final Exam - First day
October 23 (Friday)	- Final Exam - last day

# CALENDAR OF DATES FOR FACULTY OF ENGINEERING

## Year 2014

October 13 (Sunday)	- Aptitude Test for New Admission – 2014
October 24 (Thursday)	- First Day of Enrolment for New admissions
November 01 (Friday)	- Final Day of Enrolment for New admissions
November 04 (Monday)	- First Day of Orientation Programme and beginning of Foundation Courses

## Year 2015

### SEMESTER I - (BSC ENG DEGREE, Y1 & Y2; BENG SHU)

January 26 (Monday)	- First Day of Lectures - Weekday group
January 24 (Saturday)	- First Day of Lectures - Weekend group
March 14 (Saturday)	- 1 <sup>st</sup> Semester Mid Term Test -First day
March 20 (Friday)	- 1 <sup>st</sup> Semester Mid Term Test - Final day
May 08 (Friday)	- Final Day of Lectures - Weekday Group
May 07 (Sunday)	- Final Day of Lectures-Weekend Group
May 16 (Saturday)	- 1 <sup>st</sup> Semester Exam - First Day
May 31 (Sunday)	- 1 <sup>st</sup> Semester Exam - Final Day

### SEMESTER I (BSC ENG DEGREE AND BENG, CURTIN, Y3)

March 2 (Monday)	- First Day of Lectures
April 20 (Monday)	- 1 <sup>st</sup> Semester Mid Term Test - First day
April 24 (Friday)	- 1 <sup>st</sup> Semester Mid Term Test - Final day
June 05 (Friday)	- Final Day of Lectures
July 15 (Monday)	- 1 <sup>st</sup> Semester Exam - First day
July 26 (Friday)	- 1 <sup>st</sup> Semester Exam - Final day

### SEMESTER I - (BSC ENG DEGREE AND BENG, CURTIN, Y3)

June 04 (Thursday) - June 17 (Wednesday)	- Registration for 2 <sup>nd</sup> Semester
June 22 (Monday)	- 1 <sup>st</sup> Day of Lectures - Weekday Group
June 27 (Saturday)	- 1 <sup>st</sup> Day of Lectures - Weekend Group
August 10 (Monday)	- Mid Term Test - First Day
August 15 (Saturday)	- Mid Term Test - Final day
September 25 (Friday)	- Final Day of Lectures - Weekday Group
September 27 (Sunday)	- Final Day of Lectures - Weekend Group
October 05 (Thursday)	- 2 <sup>nd</sup> Semester Exam - First day
October 17 (Sunday)	- 2 <sup>nd</sup> Semester Exam - Final day

### SEMESTER II - (BSC ENG DEGREE, Y3)

August 3 (Monday)	- First Day of Lectures
September 21 (Monday)	- 2 <sup>nd</sup> Semester Mid Term Test - First day
September 25 (Friday)	- 2 <sup>nd</sup> Semester Mid Term Test - Final day
November 06 (Friday)	- Final Day of Lectures
November 16 (Monday)	- 1 <sup>st</sup> Semester Exam - First day
November 27 (Friday)	- 1 <sup>st</sup> Semester Exam - Final day

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