FACULTY OF GRADUATE STUDIES & RESEARCH

POSTGRADUATE
PROGRAMME
GUIDE 2020/21

SLIIT

Discover Your Future

CONTENTS

ABOUT SLIIT

SLIIT is the premier non-state 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 (ACU) and International Association of Universities (IAU). SLIIT offers Bachelor's, Master's and PhD degrees in Computing, Business, Engineering, Architecture and Quantity Surveying. SLIIT is also the first Sri Lankan institute to be accredited by the Institution of Engineering and Technology (IET), UK for Information Technology degrees. 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.

VISION

To advance knowledge, foster and promote innovation to enrich lives and broaden horizons.

MISSION

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

DEAN'S MESSAGE

Faculty of Graduate Studies and Research was established in 2002 with the concurrence of the UGC in order to foster the development of Graduate studies and Research related activities falling in-line with the vision of the Institute. During a relatively short period, the Faculty has gained momentum with necessary ingredients to initiate a research culture and to provide a conducive platform for the graduate students and the academic staff to engage themselves in carefully planned research & development activities.

SLIIT has established a range of postgraduate degree options encompassing MSc, MPhil and PhD degree programs that are designed to mold independent, passionate, analytically strong individuals with critical thinking who aspire to become performing leaders in their respective fields. These focus on a scholastic approach throughout, with a strong emphasis of practical exposure and experience. Together with our research culture and the ambience, the platform allows to offer our postgraduate students a unique learning experience enabling them to succeed with the challenges in the current world of work.

Research at SLIIT endeavors to make original contributions by discovery of new knowledge to foster the development of the identified thrust areas in view of providing meaningful solutions to current industry problems that could subsequently evolve as emerging technologies. This extends to endeavor commercialization of research and startups and collaboration with the relevant industries in order to conduct industry-focused research of high national value with global focus.

In order to promote and encourage research at SLIIT, several strategic measures have been taken. These range from providing institute level research grants for conducting potentially high-end research, travel grants for staff to present their research findings at international conferences and to the level of SLIIT's Honorary Professors Network used as an effective complementary platform for providing foreign supervisors in conducting related research envisaging joint research with foreign collaborations. .

The Faculty of Graduate Studies and Research endeavors to extend all its efforts towards the SLIIT's goal of securing a leading position in national research.

PROFESSOR RAHULA ATTALAGE
Faculty of Graduate Studies and Research

INTRODUCTION TO FACULTY OF GRADUATE STUDIES & RESEARCH

If you are looking to expand your horizons and enhance your skills or simply extend your qualifications, postgraduate degrees are excellent additions for your career. A Postgraduate study which is typically undertaken after a Bachelor's degree programme, involves in-depth and specialised education in your chosen area of interest. It includes generating new knowledge through extensive research and interacting with the industry one-on-one to deliver innovative solutions and discover the unknown.

Our postgraduate degrees have been designed to encourage outstanding research and higher studies amongst both the faculty and the students. Apart from endeavoring to commercialize research findings and startups, collaboration with the relevant industries in order to conduct industry-focused research is also envisaged. We harness all our efforts to maintain a consistently stimulating environment to foster a positive atmosphere to all.

SLIIT has established a wide range of postgraduate degree options that are designed to mold independent, analytically strong individuals, with critical thinking who would in turn become performing leaders in their respective fields. We focus on an academic approach throughout, with a strong emphasis of practical exposure and experience. This, together with our state-of-the-art facilities allow us to offer our postgraduate students a unique learning experience that enables them to succeed in the world work. Our goal is to guide our students to reach their maximum potential, so they learn and grow on a life long career.

Here are the postgraduate degrees that we offer:

MSc in Information Technology

MSc in Information Management

MSc in Information Systems

MSc in Information Technology Specialising in Cyber Security

MSc in Information Technology Specialising in Enterprise Applications Development

MBA Programmes

MPhil Programmes

PhD Programmes

Objectives of the Faculty of Graduate Studies & Research (FGSR)

- To encourage faculty and students to engage in high- end research and graduate studies.
- To mentor learners in the fields of computing, business and engineering to take up challenges intellectually and professionally and to achieve success in a life long careers.
- To create an environment with best possible resources to enrich teaching, learning and research experience of the faculty and students.
- To collaborate with the industry to carry out industry focused research and development.
- To disseminate knowledge and outreach through conferences, seminars, workshops, technical forums and through printed material.
- To nurture creativity, innovation and academic excellence of faculty and students.
- To commercialize research outcomes that are ready to start-up ventures.
- To foster a culture which values academic integrity, honesty, pluralism and ethical behavior of the faculty and students.

RESEARCH & DEVELOPMENT

SLIIT Research Facilities

As a leading higher educational institute in Sri Lanka, SLIIT plays an integral part in research. SLIIT strives to a vibrant research culture and embark upon make numerous initiatives have been taken to promote research among the academic and student communities. SLIIT Research grant scheme, SLIIT conferences and symposia, industry /university research collaborations, Honorary Professors Network, establishing a research centers to carry out research work, integrating research methodology to undergraduate and postgraduate curricula are all meant to promote research.

Research programmes at SLIIT have gained popularity with the introduction of the research grant scheme. All academics are clustered into research groups and each group is headed by a senior academic. The senior academics as the principal investigators are eligible for the SLIIT annual research grants.

As a part of its vision and evolution, SLIIT aspires to become a research intensive University with most productive and meaningful international engagements. The SLIIT Honorary Professors Network programme was launched aiming this. SLIIT researchers are offered research grants every year. These grants can be freely utilized for Research including travelling, registration research related purposes such as accessing useful research resources (e.g. on-line journals) and participation in reputed conferences. SLIIT research seminar sessions provide all academics a platform to present their research work.

Sri Lanka Technology Incubator - Start-up Facilities

The Sri Lanka Technology Incubator (SLTI) also known as Concept nursery is located at SLIIT Malabe Campus to promote, assist innovators and establish innovations and startup companies by providing access to business and technical expertise, financial resources, international industry contacts, communication facilities, business advice, business plan development, and marketing.

The connected Companies / establishments use the Institute's state-of-the art facilities including modern networking infrastructure and will have access to a pool of expertise and well trained capable 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.

This exposure will provide the students with valuable experience in a working environment.

The Industry Cells programme was an initiative by Vice Chancellor/CEO, with the aim of motivating various industries to recruit SLIIT students as interns in a wide range of professions. The concept was launched mid-2015, and by 2016 it had already hit its peak.

It has been integral in facilitating internships with medium and large sized companies, by providing an established location and competitive infrastructure within the SLIIT campus premises.

Below are some of the companies that were a part of Industry Cells: IFS, 99x, Orange IT, Zillione, Brandix i-3 (Now known as Fortitude), SGIT headed by the John Keells corporate group, Millennium IT (Now falling under the London Stock Exchange), CAM Management Solutions, which later materialised as a start-up company called Digital Pultz.

POSTGRADUATE DEGREE PROGRAMMES

MASTER OF SCIENCE
- MSc in Information Technology
- MSc in Information Management
- MSc in Information Systems
- MSc in Information Technology Specialising in Cyber Security
- MSc in Information Technology Specialising in
  Enterprise Applications Development

MASTER OF BUSINESS ADMINISTRATION

MASTER OF PHILOSOPHY
Computing
- MPhil in Software Engineering
- MPhil in Information Technology
- MPhil in Computer Networks
- MPhil in Cyber Security

Engineering
- MPhil in Civil Engineering
- MPhil in Electrical and Electronics Engineering
- MPhil in Mechanical Engineering
- MPhil in Materials Engineering

DOCTOR OF PHILOSOPHY
Computing
- PhD in Software Engineering
- PhD in Information Technology
- PhD in Computer Networks
- PhD in Cyber Security

Engineering
- PhD in Civil Engineering
- PhD in Electrical and Electronics Engineering
- PhD in Mechanical Engineering
- PhD in Materials Engineering

MASTER OF SCIENCE DEGREE IN
INFORMATION TECHNOLOGY

The Programme

Master of Science Degree in Information Technology is specially designed with a structure to provide a core of advanced knowledge in Information Technology supplemented by a range of options within the areas of Software Engineering, Computer Networks, e-business Technologies, Database Management and Administration, Business Information Systems, etc.

The degree is designed to impart knowledge to the current and emerging developments in IT as well as to provide an in-depth knowledge in advanced topics on Information Technology to master the challenges of an information driven economy government agencies searching for tomorrow's digital business thinkers and leaders.

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

Eligibility Requirements

Candidates applying for the Master of Science Degree or Postgraduate Diploma in Information Technology shall have one of the following qualifications:

- A Bachelor of Science Honors Degree in Information Technology of the Sri Lanka Institute of Information Technology (SLIIT).

- A Bachelor of Science Honors Degree in Computer Science/ Information Technology/Software Engineering from a recognized University in Sri Lanka.

- A Bachelor's degree in a relevant field from a recognized University/Institute as approved by the SLIIT with relevant experience, where necessary.

- Membership of a recognized professional institute in a relevant field as approved by SLIIT with relevant experience, where necessary.

Year 01 Semester 01 Compulsory Modules	Credits
Advanced Learning and Study Skills	2
Advanced Database Technologies	4
Software Engineering Practices	4
Wireless Network Technologies	4

Year 01 Semester 01 Elective Modules	Credits
System and Network Administration	3
Artificial Intelligence	3
Mobile and Ubiquitous Computing	3

Year 01 Semester 02 Compulsory Modules	Credits
DevOps	4
Internet of Things	4
Research Methodology	3

Year 01 Semester 02 Elective Modules	Credits
Data Analytics	3
Cloud Computing	3
Enterprise Governance of IT	3

Year 02 Semester 01 Compulsory Modules	Credits
Operating System Design and Implementation	4
Advanced Project Management	3
Research Project	15

Year 02 Semester 02 Elective Modules	Credits
Big Data Analytics	3
Software Quality Assurance, Tools and Metrics	3
Secure Software Life Cycle Engineering	3

Year 02 Semester 02 Compulsory Modules	Credits
Emerging Topics in Information Technology	3
Machine Learning	4
Research Project (Contd.)	

MASTER OF SCIENCE DEGREE IN
INFORMATION MANAGEMENT

The Programme

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

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

Eligibility Requirements

Candidates applying for the Master of Science Degree or Postgraduate Diploma in Information Management shall have one of the following qualifications:

- A Bachelor of Science Degree in any field from a recognized University in Sri Lanka, Or

- Any Bachelor's Degree in a relevant field from a recognized University or institute as approved by SLIIT, Or

- Membership of a recognized professional institute in a relevant field as approved by the SLIIT with relevant field experience, where necessary. And

- One year working experience at Managerial Level.

Year 01 Semester 01 Compulsory Modules	Credits
Advanced Learning and Study Skills	2
Business Process Management	3
IT for Strategic Planning	4
Information Security Risk Management and Audit	3

Year 01 Semester 01 Elective Modules	Credits
Mobile and Ubiquitous Computing	3

Year 01 Semester 02 Compulsory Modules	Credits
Data Analytics	3
Enterprise Application and Relationship Management	3
Business Forecasting	4
Research Methodology	3

Year 01 Semester 02 Elective Modules	Credits
Organizational Behavior	3
Social Computing	3

Year 02 Semester 01 Compulsory Modules	Credits
Research Project	15
Information Network Security	3

Year 02 Semester 01 Elective Modules	Credits
Consulting Practices	3
Advanced Project Management	3
Enterprise Governance of IT	3

Year 02 Semester 02 Compulsory Modules	Credits
Research Project (Contd.)	
Emerging Topics in Information Management	3

Year 02 Semester 02 Elective Modules	Credits
Enterprise Technologies	2

MASTER OF SCIENCE DEGREE IN
INFORMATION SYSTEMS

The Programme

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

Students will also develop valuable transferable skills in solving business problems, collaboration, project management and application of models, frameworks, and management theory. After the successful completion of this programme, individuals can embark on engaging themselves in high end top firms and government agencies searching for tomorrow's digital business thinkers and leaders.

Graduate jobs include roles such as management consultant, systems analyst/designer, IT infrastructure manager, business analyst, data architect. IS Lead Auditor, Chief Information Officer, Chief Knowledge Officer, Chief Privacy Officer, and Project Manager.

Eligibility Requirements

Candidates applying for the Master of Science Degree or Postgraduate Diploma in Information Systems shall have one of the following qualifications:

- A Bachelor of Science Honors Degree in Information Technology of the SLIIT.

- A Bachelor of Science Honors Degree in Computer Science/Information Technology/Software Engineering from a recognized University in Sri Lanka.

- A Bachelor's degree in a relevant field from a recognized University/Institute as approved by the SLIIT with relevant experience, where necessary.

- Membership of a recognized professional institute in a relevant field as approved by SLIIT with relevant experience,where necessary.

Year 01 Semester 01 Compulsory Modules	Credits
Advanced Learning and Study Skills	2
Principles of Information Systems	3
Business Perspective in Network Design and Planning	4
Organizational Behavior	4

Year 01 Semester 01 Elective Modules	Credits
Mobile and Ubiquitous Computing	3
Information Security Risk Management and Audit	3

Year 01 Semester 02 Compulsory Modules	Credits
Database Modeling Techniques	4
IT Services Management	4
Research Methodology	3

Year 01 Semester 02 Elective Modules	Credits
Data Analytics	3
Consulting Practices	3
Internet of Things	3

Year 02 Semester 01 Compulsory Modules	Credits
Research Project	15
Enterprise Governance of IT	4
Advanced Project Management	4

Year 02 Semester 01 Elective Modules	Credits
Enterprise Resource Planning	3
Big Data Analytics	3
Supply Chain Management and Logistics	3

Year 02 Semester 02 Compulsory Modules	Credits
Research Project (Contd.)	
Emerging Topics in Information Systems	2
Business Process Analysis and Engineering	4

MASTER OF SCIENCE DEGREE IN INFORMATION TECHNOLOGY SPECIALISING IN

CYBER SECURITY

The Programme

Master of Science Degree in Information Technology Specialising in Cyber Security intends in addressing a key global issue facing government, businesses and individuals.

The widespread use and dependence on online services bring about new challenges of ensuring our digital economy remaining secured, resilient and trusted. Increasing vulnerability witnessed by the intensity of malicious cyber activities have lead to the urgent need for specialists in the field.

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

Eligibility Requirements

Candidates applying for the Master of Science Degree or Postgraduate Diploma in Information Technology Specialising in Cyber Security shall have one of the following qualifications:

- A Bachelor of Science Honors Degree in Information Technology of the SLIIT.

- A Bachelor of Science Honors Degree in Computer Science/ Information Technology/Software Engineering from a recognized University in Sri Lanka.

- A Bachelor's degree in a relevant field from a recognized University/Institute as approved by the SLIIT with relevant experience, where necessary.

- Membership of a recognized professional institute in a relevant field as approved by SLIIT with relevant experience, where necessary.

Year 01 Semester 01 Compulsory Modules	Credits
Advanced Learning and Study Skills	2
Principles of Cyber Security	3
Applied Network Security	4
Information Security Risk Management and Audit	3
Software Security	4

Year 01 Semester 02 Compulsory Modules	Credits
Applied Cryptography	4
Information Security Management System	4
Cyber Forensics & Incident Response	4
Research Methods	3

Year 02 Semester 01 Compulsory Modules	Credits
Research Project	15
Penetration Testing for Enterprise Security	3
Enterprise Governance of IT	3

Year 02 Semester 01 Elective Modules	Credits
Secure Software Lifecycle Engineering	3
Information Cyberwarfare	3

Year 02 Semester 02 Compulsory Modules	Credits
Research Project (Contd.)	
Emerging Topics in Cyber Security	2

Year 02 Semester 02 Elective Modules	Credits
Offensive Hacking: Tactical & Strategic	4
Mobile and Data Security	4

MASTER OF SCIENCE DEGREE IN INFORMATION TECHNOLOGY SPECIALISING IN

ENTERPRISE APPLICATIONS DEVELOPMENT

The Programme

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

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

Eligibility Requirements

Candidates applying for the Master of Science Degree or Postgraduate Diploma in Information Technology Specialising in Enterprise Applications Development shall have one of the following qualifications:

- A Bachelor of Science Honors Degree in Information Technology of the SLIIT.

- A Bachelor of Science Honors Degree in Computer Science/ Information Technology/Software Engineering from a University in Sri Lanka.

- A Bachelor's degree in a relevant field from a recognized University/Institute as approved by the SLIIT with relevant experience, where necessary.

- Membership of a recognized professional institute in a relevant field as approved by SLIT and one year working experience in software development.

Year 01 Semester 01 Compulsory Modules	Credits
Advanced Learning and Study Skills	2
Distributed Computing	4
DevOps	4

Year 01 Semester 01 Elective Modules	Credits
Advanced Database Technologies	4
Machine Learning	4

Year 01 Semester 02 Compulsory Modules	Credits
Research Methodology	3
Enterprise Mobility	4
Enterprise Software Analysis and Design	3
Enterprise Software Architecture	4

Year 01 Semester 02 Elective Modules	Credits
Data Analytics	4
Operating System Design and Implementation	4

Year 02 Semester 01 Compulsory Modules	Credits
Architecting Enterprise Cloud Solutions	4
Internet of Things	4
Research Project	15

Year 02 Semester 02 Compulsory Modules	Credits
Research Project (Continued)	
Rapid Application Development	4

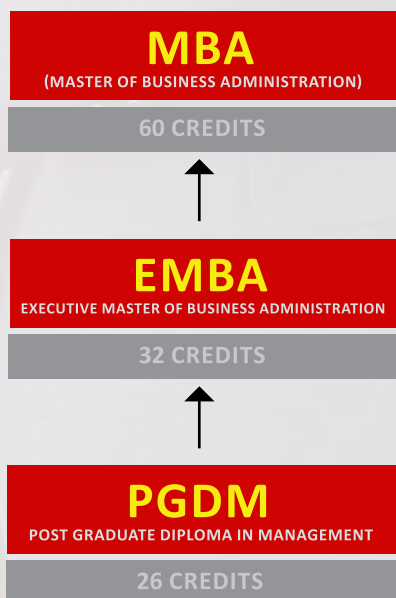| Year 02 Semester 02 Elective Modules	Credits
Secure Software Life Cycle Engineering	3
Emerging Topics in Information Technology	3

MBA

MASTER OF BUSINESS ADMINISTRATION

The Programme

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

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

Eligibility Requirements

- A Bachelor's Degree in Business Administration/ Public Administration/ Commerce/ Human Resource Management/ Marketing/ Accountancy/ Finance/ Estate Management and Valuation/ Business Economics/ Operation Management/ Management Information Systems/ Economics from a recognized university.

- A Bachelor's Degree in any subject area from a recognized University with one year's post-qualifying experience.

- A Postgraduate Diploma of not less than one year or Higher Degree in Management Studies from a recognized University.

- A Postgraduate Diploma or Higher degree in any other field from a recognized University with two years' experience.

- Professional qualifications with two years' post-qualifying experience as approved by SLIIT.

- *In addition, a formal interview will be conducted.*

MBA
(MASTER OF BUSINESS ADMINISTRATION)
60 CREDITS

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EMBA
EXECUTIVE MASTER OF BUSINESS ADMINISTRATION
32 CREDITS

↑

PGDM
POST GRADUATE DIPLOMA IN MANAGEMENT
26 CREDITS

Semester I	Credits
Management and Organizational Behavior	04
Marketing Management	04
Elective 1	04
Elective 2	03

Electives	Credits
Financial and Management Accounting	04
Business Communication	03
Business Economics	04
Project Management	04
Business Negotiation	03

Semester II	Credits
Strategic Management	04
Human Capital Management	04
Elective 1	04
Elective 2	03

Electives	Credits
Operations and Supply Chain Management	04
International Business	03
Management Information Systems	03
E-Business	03
Entrepreneurship and Business Leadership	04
Business Project*	03
Independent Business Study**	05

*Compulsory for PGDM All other electives are not relevant for PGDM **Compulsory for EMBA Candidates who opt for EMBA must select one elective which carries 4 credits

Semester III	Credits
Corporate Finance	04
Research Methodology	04
Elective 1	04
Elective 2	03

Electives	Credits
Services Marketing	03
Contemporary Business Management	04
Corporate Governance and Business Ethics	03
Technology Management for Competitiveness	03
Investment and Portfolio	04
Management Managerial Decision Analysis	03

Semester IV	Credits
Dissertation1	15

Industrial Visit (Optional)

Local
Regional
Global

Loan/Credit/Installment Facilities:

Number of banks are offering SLIIT Students loan facilities and these facilities can be made use of by MBA students as well.

Discount Structure (Alumni/ Staff and Others)

Special discounts for alumni and staff members of SLIIT / quantity discount for corporate sector.

Lecture Venue:

Malabe Campus
Sunday 8.30am to 5.30pm

Structure of MBA:

Assignment and Assessment based.

02 YEARS
04 SEMESTERS
60 CREDITS

Evaluation Criteria and Selection Procedure

Applications are called through an open advertisement and the applicants shall submit the following documents.

- *A completed application form available at www.sliit.lk*
- *Curriculum Vitae*
- *Personal Statement*
- *Copies of official transcript(s) from the institute attended*
- *2 Letters of recommendation in addition, a formal interview will be conducted.*

Contact Details
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077 741 4247

Buddhitha Jagoda
Information Coordinator,
Senior Marketing Executive
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011 754 3323

Panel of Lecturers for MBA

Prof. Samantha Thelijjagoda	PhD, (Gifu) , MEng, (Gifu), BA Special (Hons) Statistics, (Sri.J), MIEEE, MIET, MAIS, MCSSL
Prof. P. D. Nimal	PhD, (Shiga), MBA, (Shiga) , MBA, (PIM) B.Sc. Special (Business Administration) (Sri.J)
Prof. Theekshana Suraweera	PhD (Canterbury), MBA (Sri J), MSc (Reading-UK), MSc (Sri.J), BSc (Sri.J)
Prof. Chandana Perera	DEng, (AIT), MEng, (AIT), BSc Eng (Moratuwa), CEng, CMILT
Prof Lakshman Alles	PhD (Finance) (Wash.St.), MBA (Wash. St.), FCA (Sri Lanka), F Fin (FINSIA - Australia).
Dr. Nagalingam Nagendrakumar	PhD in Business Administration (PIM-USJP), MSc (Management) (USJP), BSc (Business Administration) Sp. Hons (USJP)
Dr. Ruwan Jayathilaka	PhD (Griffith), MSc (NUS), MEcon, B.A (Sp. Econometrics) (Colombo)
Dr. Kingsley Bernard	PhD (MSU), MBA (Colombo), BSc (Jaffna)
Dr. Rohan Samarasinghe	PhD (Kyushu) MBA, (Kyushu) B.Sc, (Kelaniya)
Dr. Pradeep Abeygunawardena	PhD (Keio) , Japan B.Sc.Eng, (Moratuwa)
Dr. Wasantha Rajapakshe	BSc. (Hons) in Public Administration, (Sri.J), MBA, (Colombo), Ph.D., (NIDA -Thailand)
Dr. Renuka Herath	PhD, MBA, B.B.Mgt Marketing (Special) First Class Honours
Dr. Rohantha Athukorala	DBA-AIT, Thailand, MBA-PIM-UJP
Ms. Mano Weligodapola	M.Eon (Col), B.Com. (Hons) in International Business (USJP)
Ms. Nisha Jayasuriya	MBA (Col), MBA Anglia Ruskin University), BBM (Marketing) Sp (Kelaniya)
Ms. Chathurini Kumarapperuma	MSc in Project management (Keele), BSc in IT (SLIIT), ACMA, CGMA
Mr. Gnanavo Chamindra De Silva	MBA (Col), FCA, FCCA, FCMA
Mr. Sanjeeva Perera	MBA, BSc (Eng) Hons
Mr. Mohamed Azmir	MBA(UWS), MCPM (SL)
Ms. Michelle Ratnasothy	MBA (Cardiff Metropolitan University), BBA (Edith Cowan University)
Mr. Gerry Suraweera	MBA(PIM), PGD Marketing (PIM)
Mr. Prabath Wickramaratne	MCS (SL), MBCS, MBA (Edith Cowan, WA), MSc. in IT (Uni. of Moratuwa), PMP (PMI, USA)

MASTER OF PHILOSOPHY (MPhil)

The Programme

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

Eligibility Requirements

An applicant may fulfill the minimum eligibility requirements to be admitted to MPhil Programme, if he/she has any one of the following qualifications:

- A Bachelors Honours Degree of SLQF level 6 with a minimum of 15 credits in a related field.

- A Bachelor's degree of SLQF level 5 with minimum GPA of 3 on a scale of 0-4 and after the successful completion of 30 credits equivalent to SLQF 6 in a related field.

- A qualification of SLQF level 7, i.e. a Postgraduate Certificate or above in a related field.

- Completion of NVQF level 7 with a minimum GPA of 3 in a scale of 0-4 and the successful completion of 30 credit equivalent to SLQF level 6 or above in a related filed as determined by the Senate on the recommendation of the relevant Faculty.

Computing	**Engineering**
- MPhil in Information Technology	- MPhil in Civil Engineering
- MPhil in Computer Networks	- MPhil in Electrical & Electronics Engineering
- MPhil in Computer Networks	- MPhil in Mechanical Engineering
- MPhil in Software Engineering	- MPhil in Materials Engineering

Selection to the MPhil programme

Selection to the programme is based on
- Academic performance
- The strength of the research proposal
- Research capabilities demonstrated
- The strength of recommendations
- The relevance of background and experience of the candidate to the proposed research work

The shortlisted applicants will be interviewed by SLIIT. At the interview, the overall suitability of the applicant to follow MPhil programme is assessed.

Registration

Applicants are registered for the programme as MPhil Research Students (MRS), and will be given a 6 months time period to submit a comprehensive research proposal. Subsequently qualified candidates will be registered as MPhil candidates.

Supervisors and Co-Supervisors

Applicants are advised to find a suitable supervisor and co-supervisor before provisional registration the application. The supervisor of a MPhil student should be a faculty member of SLIIT. On request, SLIIT may be able to provide some assistance to find supervisors.

Supervisors of MPhil programmes should be:

- Knowledgeable in the subject areas to be covered in the research programme,
- Holding a MPhil Degree or higher qualifications and/or a person of eminent research standing acceptable to SLIIT.

Fee

MPhil Programmes Fee: Rs. 200,000/=

Duration: 3 Years Part Time / 2 year Full Time

DOCTOR OF PHILOSOPHY (PhD)

The Programme

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

Eligibility Requirements

An applicant may fulfill the minimum eligibility requirements to be admitted to PhD Programme, if he/she has any one of the following qualifications:

- A Master of Philosophy Degree from a recognized institution acceptable to the Senate.

- A Bachelor's Honours Degree or of Level 6(SLQF) with a minimum GPA of 3.7 on a scale of 0-4, and passing the qualifying examination after a minimum period of one year with required merit acceptable to the Senate.

- Registered to follow an MPhil degree programme in a related area at SLIIT and passing the qualifying examination conducted by SLIIT after a minimum period of one year with required merit acceptable to the Senate to upgrade the registration to the Degree programme.

Computing

- PhD in Information Technology
- PhD in Computer Networks
- PhD in Computer Networks
- PhD in Software Engineering

Engineering

- PhD in Civil Engineering
- PhD in Electrical & Electronics Engineering
- PhD in Mechanical Engineering
- PhD in Materials Engineering

Selection to the PhD programme

Selection to the programme is based on
- Academic performance
- The strength of the research proposal
- Research capabilities demonstrated
- The strength of recommendations
- The relevance of background and experience of the candidate to the proposed research
  work

The shortlisted applicants will be interviewed by SLIIT. At the interview, the overall suitability of the applicant to follow PhD programme is assessed.

Registration

An applicant, granted admission as a PhD Research Student (PRS) shall register with the Institute within a period of three months. The PRS will have to submit a comprehensive research proposal within one year of registration as the PRS, a panel appointed by SLIIT will evaluate the submitted research proposal and the successful PRS at the evaluation shall register as a PhD Candidate.

Supervisors and Co-Supervisors

Applicants are advised to find a suitable supervisor and co-supervisor before the provisional registration. The supervisor of a PhD student should be a faculty member of SLIIT. On request, SLIIT may be able to provide some assistance to find supervisors through its Honorary Professors Network.

Supervisors of PhD programmes should be:

- Knowledgeable in the subject areas to be covered in the research programme,
- Holding a Doctoral Degree or higher qualifications and/or a person of
  eminent research standing acceptable to SLIIT.

Fee

PhD Programmes Fee: Rs. 250,000/=

Duration: 5 Years Part Time / 3 year Full Time

OUR GRADUATES

**Best Performance Award
MSc Degree in IT Specialising in
Cyber Security
*Mohammed Haleeth***

Webmaster, Aqua marketing (Pvt) Ltd.

**Best Performance Award
MSc in Information Technology
*Suriyaa Kumari***

Lecturer in Information Technology, SLIIT

**Best Performance Award
MSc in Information Systems
*Milan Botheju***

DMS (Pvt) Ltd. Divsion 1
Associate Customer Engineer

OUR STUDENTS

Really great way to gain experience in the field, build connections and networks, and receive feedback from the professional world.

Ms. Nethmi Hettiarachchi
MSc in IT Specialising in Cyber Security

Lecturer, Sri Lanka International Buddhist Academy (SIBA)

One reason I selected the SLIIT Masters is its highly qualified and experienced panel of lecturers

Mr. Jerome Dias
MSc in IT Specialising in Cyber Security

Assistant Manager,
KPMG

These subjects are related to current trends and technologies which would helpful in the future career of any student.

Dr. Mrs. Nimna Anuradha Jeewndara
Msc - IM IT

Medical Doctor, Medical Officer of Health Office, Dodangoda

PANEL OF LECTURERS

Faculty Staff In-house

Name	Background
Professor Attalage R. A	BSc. Eng (Hons) (Moratuwa), MEng. (AIT), PhD. (France)
Professor Thelijjagoda T. A. S. S.,	BA J'pura, MEng (Japan), PhD. Gifu, (Japan)
Professor Kapurubandara G. M.S.,	BSc. (Colombo), MSc Comp.Sc. AIT, PhD (Australia)
Professor Pulasinghe K. N. ,	BSc. Eng (Hons) (Moratuwa), PhD. Saga, MIET, MIEEE, AMIE (SL)
Professor Thilakasiri H. S.,	BSc. Eng. (Hons) (Moratuwa), MSc. (UK), PhD (USA)
Professor Perera H. S. C.,	BSc. Eng(Hons) (Moratuwa), MSc. Eng. (AIT) (Thailand),PhD (AIT) (Thailand)
Professor Jayawardena C. S.,	BSc. Eng (Hons) (Moratuwa), M.Eng (Moratuwa), PhD (Japan)
Dr. Gomes P. I. A.,	BSc. Eng (Hons), (Moratuwa), MSc. (Moratuwa), PhD (Japan)
Dr. Weeraddana P. C.,	BSc. (Moratuwa), MEng. (Thailand), D.Sc. (Finland)
Dr. Ratnayake K. R. M. N.,	BSc. (Peradeniya), MEng. (Japan), PhD (Japan)
Dr. (Mrs) Samarasinghe D.P.,	BSc. Eng.(Hons) (Moratuwa),PhD (Australia)
Dr. (Mrs) Senevirathna W. D. A.,	BSc. J'pura, MBA (Colombo), PhD (Thailand)
Dr. (Mrs) Rankothge W. H.,	BSc (Hons) SLIIT, MSc (Moratuwa), PhD (Barcelona)
Dr. (Mrs) Ding M.,	BSc. Eng. (China), MSc. Eng. (China), PhD (Canada)
Dr. Suraweera T.,	BSc. (Hons) J'pura ,MSc ,MBA, PhD. (New Zealand)
Dr. Wijesundara, M.N.,	BEng (Hons) Warwick, PhD.(NUS)
Dr. Samarasinghe N.R.,	BSc. (Kelaniya), MSc,MBA (Japan),MBA in MOT Kyushu(Japan), PhD (Kyushu Japan)
Dr. Kasthurirathna K. A. D. M.,	BSc Eng. (Moratuwa), MCS (Moratuwa), PhD (Australia)
Dr. Abeygunawardhana P. K. W.	BSc. (Moratuwa), MSc. (Japan), PhD (Japan)
Dr. Wijekoon W. M. J. L.,	BSc. (Hons) SLIIT, MSc. (Japan), PhD (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)
Dr. Wijewardane S. P.,	BSc. (Moratuwa), MEng. (Moratuwa), PhD (USA)
Dr. Somaratne A. P. N.,	BSc. Eng. (Peradeniya), MSc (USA), PhD (USA)
Dr. Perera M. S. M.,	BSc. (Moratuwa), PhD (UK)
Dr. Abeyratne S. G.,	BSc. (Peradeniya), MEng. (Japan), PhD (Japan)
Dr. Perera S. V. T. J.,	BSc. (Moratuwa), Mphil. (Moratuwa), PhD (Japan)
Dr. Wijeratne C. J.	BSc. (Colombo), MS (USA), PhD (USA)
Dr. Herath K. R. B.,	BSc.Eng (Peradeniya), MSc. , PhD (Peradeniya)
Dr. Liyanage M. H.,	BSc. Eng. (Hons) (Peradeniya), MEng. (Thailand), PhD (Canada)
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Dr. Wimalasiri W. K.,	BSc. Eng. (Hons) (Moratuwa), PhD (UK)
Dr. Jayatunga H. G. K. G.,	BEng. (Malaysia), PhD (Malaysiya)
Dr. Seneviratne A. L. G.,	BEng. (Hons) (UK), PhD (UK),
Dr. (Ms) Amarasingha R. P. N. U.,	BSc. (Moratuwa), MSc. (Thailand), PhD (USA)
Dr. (Ms) Bamunusinghe B. A. J. T.,	BSc. (Hons) (Peradeniya), PhD (Austrailia)
Dr. (Ms) Karunasena T.W.A.,	BSc. Curtin, MSc. SLIIT, PhD (Australia)

Dr. (Ms) Karunaratne S. C. S.,	BSc. (Moratuwa), MEng (Japan), PhD (Japan)
Dr. Jayaruk T. C.,	BSc. (Hons) (Colombo), PhD (USA)
Dr. Rupasinghe P.L.,	BSc.(Hons) SLIIT, MBA, PhD, MIEEE, MIET, CISSP, CISA
Dr. Jayakody J.A.D.C.,	Ph.D. (Curtin) (Australia),(MSc (IS),B.Sc (Hons.)(Greenwich),
Mr. Kodagoda, G. N.,	BSc. (Hons) (Moratuwa), M.Phil, (Moratuwa)
Mr. Mallawarachchi, Y.W.,	BSc.(Moratuwa), MBA (Moratuwa)
Mr. Amararachchi J.,	BSc. (J'Pura)., PG.Dip. (Canterbury), MSc. (Colombo)
Mr. Rajapaksha U.U.S.K.,	BSc. Eng (Hons)(Moratuwa), M.Sc. SLIIT
Mr. Sumathipala, H.K.P.,	BSc. (Colombo), MSc. (Colombo)
Mr. Senarathne A.N.,	BSc .(Hons) SLIIT, BSc. Curtin, MSc. (Colombo)

Visiting Lecturers

Name	Company/Organization Name
Dr. Rupasinghe T.	University of Kelaniya
Eng. De Silva T.	Sri Lanka Telecom
Eng. Chandraguptha R.	Sri Lanka CERT/CC
Mr. Pathirana P.	LOLC Technologies Limited
Mr. Fernando J.	IBM, Sri Lanka (Rt)
Mr. Asanka D.	Person eCollege Lanka Pvt Ltd
Mr. Azmeer M.	Multimedia Department, SAITM
Mr. Wickramasekara L. A. D. L.	FINCSIRT
Mr. Anushka K. P. B.	Millennium IT
Mr. Perera S.	EPIC Lanka
Ms. Perera K.L.S.	Ernst & Young
Mr. Attanayake D.	Mutants International Pvt Ltd
Ms. De Alwis G.	Consultant
Mr. Edirisinghe R.	Freight Links International
Mr. Thilakawardhene M	ABS Information Systems Pvt Ltd

SLIIT LIBRARY FACILITIES

Library facilities are available to students through the Main Library (libraries) at the Malabe and Metro Campus as well at the regional centers. They support a wide variety of subjects covered by SLIIT courses at many academic levels, ranging from undergraduate and professional development classes through to postgraduate studies. The collections comprise relevant and up to date books, periodicals and CD and DVD collection.

SLIIT has its own Automated Library System through which students can browse the range of books and periodicals available in all campuses, reserve books, Renew borrowed books and request for new books. Membership of the library entities students 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.

All libraries have wifi facilities and adequate workstations and allow students to bring their Laptops and Tabs to the reference desk. The Reading Room adjoining the Library is available to study and is equipped with power points for laptops and provides wireless Internet access. The Library is being enhanced continuously to cater to the increasing number of students and for the evolution and propagation of knowledge.

The libraries are open to SLIIT students daily including the weekend from 7.30 am to 7.00 p.m. They are only closed on Poya days and other special holidays indicated in the SLIIT calendar. 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, a collection of current Periodicals and scholarly data bases; Free access is provided to the following databases at SLIIT Library.

*Please login to **library.sliit.lk**
for further information*

Digital Library in digital black board

Digital library is an online platform which contains teacher recommended e books, e journals, dictionaries and glossaries and past question paper archive. All students can access the digital library even when out of the campus using the login credentials provided by SLIIT.

Library Databases

IEEE Xplore® Digital Library

Emerald | Insight

ScienceDirect

ASCE | LIBRARY

SLIIT library E-book store

Pearson

ELSEVIER

Taylor & Francis
Taylor & Francis Group

WILEY

PAYMENT METHOD

An application processing fee of Rs. 1000/= has to be paid in the beginning of the registrations for Master of Science Degrees at SLIIT. An application processing fee of Rs. 1500/= has to be paid in the beginning of the registrations for MPhil and PhD Programmes. Fees can be paid to the bank accounts of SLIIT at any branch.

All inclusive fee to cover lectures, tutorials, examinations, access to computer laboratory facilities and the library and is payable prior to the commencement of the programme.

The fee should be credited to Account No 1630552 of the Bank of Ceylon in favor of Sri Lanka Institute of Information Technology, at the bank of Ceylon Colpetty branch located at first floor of BOC Merchant Tower building or at any branch of BOC. Or Sampath bank account number 003990000033 of the Sampath bank at any branch of Sampath bank. Course fees are subjected to change.

MSc Programmes

	INFORMATION TECHNOLOGY	INFORMATION MANAGEMENT	INFORMATION SYSTEMS	CYBER SECURITY	ENTERPRISE APPLICATION DEVELOPMENT
01st Installment	Rs.125,000	Rs.125,000	Rs.125,000	Rs.135,000	Rs.135,000
02nd Installment	Rs.125,000	Rs.125,000	Rs.125,000	Rs.135,000	Rs.135,000
03rd Installment	Rs.100,000	Rs.100,000	Rs.100,000	Rs.105,000	Rs.105,000
Total Payment	**Rs. 350,000**	**Rs. 350,000**	**Rs. 350,000**	**Rs. 375,000**	**Rs. 375,000**

MBA

Yearly Plan	Rs.	By Annual Plan	Rs.
Yearly 01	250,000	Year 1- Half 1	127,500
Yearly 02	250,000	Year 1- Half 2	127,500
		Year 2- Half 1	127,500
		Year 2- Half 2	127,500
Total Rs. 500,000			

MPhil Programmes	**Rs. 200,000/=**
PhD Programmes	**Rs. 250,000/=**

All the above payments are subject to Govt. Taxes

* Credit cards are accepted

Fees Refund Policy

Full course fees paid will not be refunded. However, request for refund of fees may be considered if made before expire of one week from the date of commencement of lectures. From the date of commencement of lectures 90% of the paid amount will be refunded. If a request for a refund is received after one week but before the end of the month, 50% of the paid amount will be refunded. Thereafter, there will be no refunds of fees.

PERFORMANCE CRITERIA FOR AWARDING DEGREE

Method of Evaluation

The overall aim of the MSc/PGD programs is to produce Graduates who are competent in a variety of aspects in the domain of Information Technology with the ability to apply their expertise in industrial and commercial environments and also to conduct research.

In support of this objective, the program is designed to develop abilities to critically analyze, design and evaluate alternate strategies in Information Technology.

This is achieved through lectures, assignments, seminars projects and laboratory work. Each module be associated with a combination of assignments and a final examination.

The details of assignments, performance criteria and assessment criteria of each module are given within the specification of the module.

Participation in the Academic Programme

To become eligible to sit for the final examination(s), 80% attendance at lectures, tutorials and other group-based activities will be required. Unless otherwise approved, participation in all prescribed seminars and assignments and tasks such as tutorials, term papers case studies and project activities as envisaged in the course curriculum is compulsory, complying with the specification of the module.

Awarding Degrees

A candidate deemed to have passed the Masters degree if he/she has successfully completed the evaluation requirements of each and every component of the Masters degree content as given below, complying with the specification of the module.

1. The written examination of all year 1 compulsory elective modules, all year 2 compulsory modules and the relevant modules, complying with the specification of the module.
2. The seminars; assignments, term papers and other project-based activities
3. Collected a minimum of 45 credits from course modules offered according to the curriculum approved by the Senate and as indicated above (1).
4. Successfully completed the research projects carrying 15 credits

Awarding Postgraduate Diplomas

A candidate is deemed to have passed the Postgraduate Diploma if he/she has successfully completed the evaluation requirements of each and every component of the year 1 of the Masters degree content as given below, complying with the specification of the module.

1. The written examination of all year 1 compulsory modules and the relevant elective modules, complying with the specification of the module.
2. The seminars, assignments, term papers and other projects-based activities.
3. Collected a minimum of 30 credits from course modules offered according to the curriculum approved by the Senate and as indicated above (1).

If a student is not successful in any course module component, the student may be allowed to take the same modules again as a repeat student. For that the student must submit assignments and take the respective examinations. Marks of assignments, mid-term exam etc. cannot be carried forward. In addition the student is advised to follow lectures whenever possible.

Repeat Examinations

Repeat students must register on pro-rata basis before taking the respective module.

Medium of Instructions

The medium of instruction in all degree and diploma programs offered at SLIIT is English.

Grading System

Grade	Grade Points	Marks Range
A+	4.00	90-100
A	4.00	80-89
A-	3.70	75-79
B+	3.30	70-74
B	3.00	65-69
B-	2.70	60-64
C+	2.30	55-59
C	2.00	45-54
C-	1.70	40-44
D+	1.30	35-39
D	1.00	30-34
E	0.00	00-29
PC	Conceded Pass	
IC	Incomplete	

Award of Grades for Course Modules

To pass a module student should obtain minimum Grade "C" in each component. (ie the written examination and project based activities) of the course module.
Notes:
Grades C to A+ : Pass
Grades E to C- : Fail

Cumulative Grade Point Average (CGPA)

Cumulative Grade Point Average is determined by dividing the sum of the products of the number of credits earned of all courses followed and the grade points earned of those courses by the total number of assigned credits for the completed study program.

SLIIT Qualification Framework - Faculty of Graduate Studies and Research

Postgraduate Diploma - on successful completion of the first-year study program (30 credits)

Masters Degree - on successful completion of the two year program. (60 credits)

Class Awards

CGPA 3.5   - Distinction
3.0 <= CGPA < 3.5 - Merit
2.0 <= CGPA < 3.0 - Pass

FACULTY BOARD - FACULTY OF GRADUATE STUDIES & RESEARCH

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Professor L.L. Ratnayake	Chancellor/Chairman
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Professor S. Thilakasiri	Dean/Faculty of Engineering
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Professor T. Suraweera	Faculty Board representative of FoB/ Coordinator MPhil and PhD Programs
Dr. C. Kulasekara	Faculty Board representative of FoE/ Coordinator MPhil and PhD programs
Dr. K.A.D.M. Kasthurirathna	Faculty Board representative of FoC/ Coordinator MPhil and PhD Programs
Dr. N. Nagendrakumar	Coordinator MBA Program
Dr. L. Rupasinghe	Coordinator MSc in IT (Sp.in Cyber Security)
Dr. A. Jayakody	Coordinator MSc in Information Systems
Dr. J. Wijekoon	Coordinator MSc in Information Management
Mr. S. Rajapaksha	Coordinator MSc in Information Technology
Mr. D. De Silva	Coordinator MSc in Information Technology Coordinator MSc in IT (Sp.in Enterprise Applications Development)
Ms. P. Perera	Librarian
Mr. D. Rathugama	Senior Manager/Academic Affairs/Registry

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FACULTY OF
GRADUATE STUDIES & RESEARCH

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