

FACULTY OF GRADUATE STUDIES

2022 - 2024

PROSPECTUS



General Sir John Kotelawala Defence University



Message from the Vice Chancellor



General Sir John Kotelawala
Defence University



MP PEIRIS RWP RSP VSV USP

Major General
Vice Chancellor

Nowadays, many bachelor's degree holders and experienced professionals in the private and public sectors in Sri Lanka are seeking for higher study opportunities relevant to their academic and professional fields. Officers in the tri-forces and the Police also expect to broaden their knowledge by reading for advanced degrees. With the assistance of nine other faculties of our university, Faculty of Graduate Studies (FGS) offers diverse and unique master's degrees and doctoral study opportunities for both private and public sector professionals in order to fulfil this current need.

All these advanced degree programmes have been designed to fit for unique purposes and new degree programmes have been introduced according to the modern trends in the higher education sector. Our degree programmes emphasize professional development and diverse application of new knowledge. We also endeavour to develop research with high calibre and have established a rich research culture. Thus, KDU enjoys a prestigious place in the higher education field in Sri Lanka.

Prospectus 2022/2024 of FGS provides essential information on the degree courses offered by the FGS for professionals in the civil sector, military officers in the tri-services and the Police. It also reflects the unique characteristics of our university and its potential to make a difference in the traditional tertiary education system in the country.

I believe the prospectus will be useful for you to gain the required information on the degree programmes offered, eligibility criteria, course curricula and the resources and facilities available at the FGS-KDU.

I convey my sincere thanks to the editorial board for their valuable contribution in preparing a very informative Prospectus 2022/2024 for FGS. I wish good luck to all who select FGS – KDU for their higher studies.

“ The goal of education is the
advancement of knowledge and the
dissemination of truth. ”

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FACULTY OF GRADUATE STUDIES

INTRODUCTION

The history of the Faculty of Graduate Studies runs back to year 2000. When it was first established on 13th January as the MSc Section to offer the MSc (Defence Studies) Degree in Management for Senior Officers of the Sri Lanka Army, Sri Lanka Navy, Sri Lanka Air Force, and Sri Lanka Police. Subsequently, the BSc (Defence Studies) Degree in Management was introduced in the year 2003 by the MSc Section for deserving Middle Level officers of the Tri-services and Police. The MSc section was renamed on 29th October 2003 as the Staff Development and Career Advancement Division, on 05th May 2009 as Institute of Post Graduate Studies (IPGS) and finally as the Faculty of Graduate Studies (FGS) on 01st March 2012. In year 2012, FGS has opened doors to enlist Executive Officers of Public and Private Sector for Post Graduate Programmes.

Faculty of Graduate Studies, was initially established at the Defence and Strategic Studies premises of KDU, and later established in a six-storied building with the modern facilities, on 4 August 2015. At present. Infrastructure facilities available at FGS includes, Modern state-of-the-art Auditorium with 293 seating capacity, 16 no of lecture theaters with different seating capacities (10 lecture theatres with the capacity for 30 students, 06 lecture theatres with the capacity for 50 students), an Examination Hall with 250 seating capacity and a well-equipped Computer Laboratory and as well as ultra-modern Conference Hall for Board meetings.

At present, FGS is engaged in conducting 10 Post Graduate Degree Programmes for Officers of the Tri-Services and the Police as well as for the Public and Private Sector Executives who are eager to expand their professional profiles with additional qualifications. Most importantly, FGS offers Master of Philosophy and Doctor of Philosophy Degrees thereby reaching the zenith of academic activities of a university. FGS currently conducts its Post Graduate

Programmes in the disciplines of Management, Logistics Management, E-Governance, programs of Laws with specialization, Security and Strategic Studies, Engineering and Disaster Risk Reduction and Development. Academic requirements of these programmes of FGS are being directed through,

There are three Boards of Study at FGS as follows;

- Board of Studies on Management and Social Studies
- Board of Studies on Engineering, Computing and Spatial Sciences and Technology
- Board of Studies on Medical and Biological Sciences

In planning and conducting these programmes, the Faculty coordinates with the best resource personnel in the country representing academic and professional fields. The members of the teaching panels are selected and drawn from the faculties of General Sir John Kotelawala Defence University, as well as from other highly reputed Universities, Institutes and Industrial sector.

Further, Faculty of Graduate Studies of KDU has planned for and on the process of commencing of four new Postgraduate programs in the year 2022 which including specialization on Law, namely;

- MSc in Biomedical Engineering,
- Master of Laws in Public Law,
- Master of Laws in Business Law,
- Master of Laws in International Law



Faculty of Graduate Studies

VISION

Striving for Post Graduate academic excellence through research

MISSION

Foster the academic, professional, and personal success
by promoting the excellence in learning

ADMINISTRATIVE STAFF OF FACULTY OF GRADUATE STUDIES



DEAN FACULTY OF GRADUATE STUDIES

Brigadier RGU Rajapakshe RSP psc
BSc (DS) (KDA), MSc (DS) (Uni. of Kelaniya),
MASSS (NDU) (Washington DC)



Senior Professor Swarna Piyasiri

PhD in Limnology (Uni. of Vienna,
Austria), BSc (Sp) Degree in Zoology
(Uni. of Peradeniya)



STAFF OFFICER I

Col PP Serasinghe RSP USP
MHR (Uni. of Colombo), PQHRM (CIPM)



STAFF OFFICER II

Major RAAK Rathnayake psc
MSc (D & SS)



STAFF OFFICER II

LCdr (ND) JPCJ De Silva psc
MSc (D & SS)



STAFF OFFICER II

Major WDS Nandasiri
BSc (KDU), JP All Island



SENIOR ASSISTANT BURSAR

Mrs GDA Wickramasekara
Bcom (Special) CBA



ASSISTANT REGISTRAR

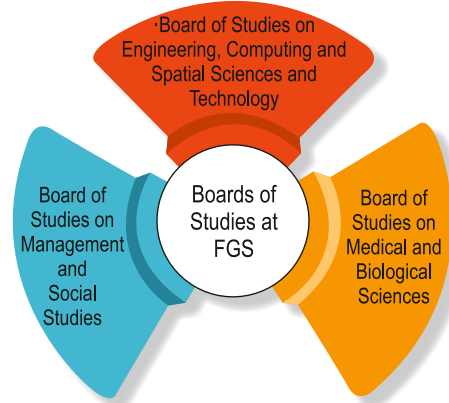
Mrs IDAT Priyadarshani
BSc in Biological Sciences (Hons)
(Uni. of Ruhuna), Advanced
National Diploma in HRM
(ANDHRM) (NIBM)



BOARDS OF STUDY

Boards of Study at the FGS of KDU are established to maintain a decision making bodies composed of academics of different disciplines. As the matters to be screened in these boards belong to different disciplines, collective analysis by members on different disciplines would help to come up with the most suitable recommendations on academic issues of the Faculty of Graduate Studies. Further, these boards can serve to screen the academic activities of students in all disciplines through a collective effort.

There are three Boards of Study at FGS as follows;



BOARD OF STUDY ON MANAGEMENT AND SOCIAL STUDIES



Chairman
Mr WAAK Amaratunga
Dean FMSH

Members

Mr WS Wijesinghe, Dean Faculty of Law
Dr YJSN Fernando
Dr JMW Premarathne
Dr (Mrs) Lakshika Liyanage
Dr UG Rajapakshe
Dr RMCLK Rathnayake
Ms MRIK Munasinghe
Ms BKM Jayasekara
Mr WASMAI Senevirathne
Ms NKK Mudalige
Ms LM De Silva

BOARD OF STUDY ON ENGINEERING, COMPUTING, SPATIAL SCIENCES AND TECHNOLOGY

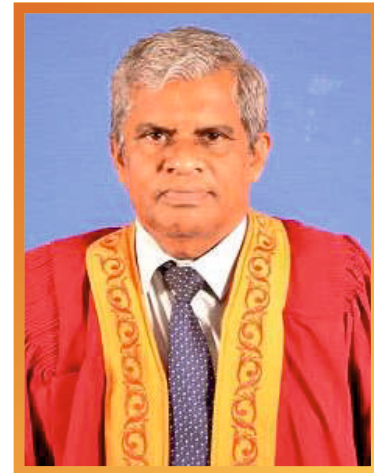


Chairman
Snr Prof JR Lucas

Members

Eng SU Dampage - Dean FOE
Dr AH Lakmal – Dean FBESS
Cmde (E) MCP Dissanayake
Capt KK Dadallage
Dr KMGP Premadasa
Dr LP Kalansooriya
Dr Nirosha Wedasinghe
Dr RP Kumanayake
Dr ADAI Gunasekera
Mrs S Pussepitiya
Mrs KA Dinusha
Mr EAHDK Hewadhikaram

BOARD OF STUDY ON MEDICAL AND BIOLOGICAL SCIENCES



Chairman
Prof W Abeyewickreme

Members

Gp Cpt (Prof) RANK Wijesinghe - Dean FOM
Snr Prof ND Warnasuriya
Snr Prof SR De Alwis Seneviratne
Snr Prof BMR Fernandopulle
Snr Prof RN Pathirana
Prof Charitha L Goonasekara, Dean Research and Development
Prof GDI Rodrigo
Brig (Prof) PTR Makuloluwa
Dr KMN Kumarasinghe
Dr DU Kottahachchi – Dean FAHS
Lt Col (Dr) P H Premarathne
Lt Col (Dr) WMMS Bandara
Dr Sameera Senanayake
Dr JMKB Jayasekara

POSTGRADUATE DEGREE PROGRAMMES CONDUCTED AT FACULTY OF GRADUATE STUDIES



Master of
Philosophy
Doctor of
Philosophy



Master of
Science in
Management



Master of Business
Administration in
E-Governance



Master of Business
Administration in
Logistics
Management



Master of Laws
in Public Law



Master of Laws in
Business Law



Master of Laws in
International Law



Master of Science
in Strategic
Studies and
International
Relations



Master of Science
in Electrical
Engineering



Master of Science
in Civil and
Structural
Engineering



Master of Science
in Electronics and
Telecommunication
Engineering



Master of Science
in Disaster Risk
Reduction and
Development



Master of Science
in Biomedical
Engineering

**MASTER OF PHILOSOPHY /
DOCTOR OF PHILOSOPHY**



MASTER OF PHILOSOPHY / DOCTOR OF PHILOSOPHY

INTRODUCTION

The Faculty of Graduate Studies (FGS) of Kotelawala Defence University (KDU) provides a unique opportunity for officers of the Tri-Services, the Police and in the Public and Private sector with appropriate qualifications to carry out their research in the relevant disciplines with maximum support and guidance from eminent scholars.

Further, FGS provides opportunities for the candidates to establish links with local and international scientists via local and international institutes. Postgraduate students are always encouraged to publish their research work in Indexed Journals, Peer reviewed Journals and communicate in local and international research conferences.

KDU offers postgraduate research degree programs leading to the award of MPhil and PhD in two different windows to meet distinct requirements based on the academic background of the candidates.

WINDOW I

Due to the nature of responsibilities and commitments connected with their working environments, some of the service and civil candidates may need an additional exposure to improve their knowledge in Research Methodology. An opportunity exists for such candidates to develop their research skills by following course modules on Proposal Writing Techniques and Research Methodology. The Research Methodology module comprises an Introduction to Research Methodology, Scientific Communication and Statistical Techniques for Research, which are designed to upgrade the knowledge and skills of the candidates in addition to the guidance provided by their supervisors. The course also consists of a course module on National Interests conducted by eminent resource persons to upgrade their

knowledge on national development. These three compulsory course modules are considered as a prior necessity for the candidates who register through Window 1, and they shall follow them while engaging in their Research Projects.

The candidates selected under Window 1 are initially given a provisional registration during which they are expected to learn the foundations to develop a research proposal, with the guidance of the supervisor. They shall present their proposal before a Proposal Evaluation Committee, and upon the acceptance of the proposals, they will be registered for the degree programme.

WINDOW 2

Some candidates may already have prior experience in research and have already identified the supervisors and the area of research. For example, those candidates who have secured research grants by themselves or by their supervisors fall under this category. These candidates have already gone through the phase of proposal development, and hence are not required to follow the prerequisite courses mentioned in above window 1. However, the supervisors may recommend them to follow certain modules of window 1 and any other courses arranged by the Faculty of Graduate Studies, based on their individual requirements during their research work.

OBJECTIVES

To realize the overall goal described above, the FGS has set the following educational objectives for MPhil and PhD degrees.

MPhil and Doctoral Degrees

An MPhil degree will be conferred to those who have completed a minimum two-year period of residence, studied the compulsory subjects,



passed the required examinations specified in By-Laws and passed the thesis review and Viva Voce under the guidance of an academic supervisor.

A doctoral degree will be conferred to those who have completed a minimum of three-year period of residence, studied the compulsory subjects passed the required examinations specified in By-Laws, and passed the thesis review and final examinations under the requisite guidance of an academic supervisor.

ELIGIBILITY CRITERIA

MASTER OF PHILOSOPHY

The minimum requirements for registration for MPhil degree programme are:

- A Master's Degree (SLQF L9/10) in a relevant field from a recognized university; or
- A Bachelor's degree in a relevant field of four-year duration (SLQF L6) with a First or Second Class from a recognized university; or
- A Bachelor's degree in a relevant field of three-year duration (SLQF L5) with a First or Second Class and with a minimum of two-year experience in the relevant field; or
- Passed Staff College (psc)/ Logistics Staff Course (lsc) or an equivalent from a local or foreign institution with a minimum of 20 years of service and evidence of at least one research publication. This includes journal articles/conference papers; or
- Any other relevant qualifications recommended by the relevant Board of Study, accepted by the Faculty Board, Faculty of Graduate Studies and approved by the Senate.

DOCTOR OF PHILOSOPHY

The minimum requirements for registration are:

- An MPhil degree in a relevant field from a recognized university; or
- An approval by the Senate for upgrading from an MPhil to PhD programme; or
- A Bachelor's degree in a relevant field of full-time four-year duration (SLQF L6) with a First Class from a recognized university, and with evidence for adequate experience in research as acceptable to the relevant Board of Study; or
- Any other qualification equivalent to a full-time two-year research degree (SLQF L 11) acceptable to the relevant Board of Study and to the Faculty Board, Faculty of Graduate Studies and approved by the Senate.

COURSE SYLLABUS

The orientation programme offers 5 modules, namely, Proposal Writing Techniques, Introduction to Research Methodology, Scientific Communication, Statistical Techniques for Research, and National Interests. The orientation programme is compulsory for Window 1 candidates and optional for window 2 candidates.

PROGRAMME STRUCTURE

Total course modules are worth of 14 credits. The program commences by offering the Proposal Writing Techniques in the first month in every other weekends on both Saturday and Sunday. The students are expected to submit the Research Proposal, and give a proposal presentation within the provisional registration period while attending lectures of other four modules.

LECTURER PANEL

1. **Snr Prof Swarna Piyasiri**
PhD (Vienna), BSc (Peradeniya), FI Biol (Sri Lanka)
2. **Snr Prof Indralal De Silva**
PhD (Australia), MA (Australia), BDevS (Hons) (Colombo)
3. **Snr Prof SR De Alwis Seneviratne**
MD (Community Medicine) (Colombo), Dip Med Ed (Dundee), MMed (Hons) (Dundee), MBBS (Hons) (Ceylon), FCCP (Sri Lanka)
4. **Prof Prasad Jayaweera**
PhL and PhD (Sweden), BSc (Hons) (Comp. Sci.) (Colombo)

5. **Dr Asanka Rodrigo**
PhD (Hong Kong), MSc (Moratuwa), BSc (Moratuwa)
6. **Dr Chandanie Senadheera**
PhD (Ruhuna), MSc (Clinical Psychology) (Russia), BSc (Psychology) (Russia)
7. **Dr Chitraka Wickramaarachchi**
PhD (New Zealand), MPhil (Stat) (Sri Lanka), Msc (App. Stat) (Sri Lanka), Bsc Special (Stat.) (Sri Jayewardenepura)

COURSE FEE STRUCTURE (WINDOW I)

Item	Amount (Full Time / Part Time)	
	Military/Police/MOD	Civil
Tuition Fee	Rs. 650,000.00	Rs. 650,000.00
Registration Fee (Initial Registration)	Rs. 15,000.00	Rs. 15,000.00
Library Fees	Rs. 4,000.00	Rs. 4,000.00
Refundable Library Deposit	Rs. 10,000.00	Rs. 10,000.00
Refundable Mess Deposit	Rs. 2,000.00	Rs. 2,000.00
Study Pack	Rs. 2,500.00	Rs. 2,500.00
Total	Rs. 683,500.00	Rs. 683,500.00

Registration Renewal Fee

- After initial registration period of 03 years
for full time candidates
- After 05 years for part time candidates
- Rs. 75,000/= per annum
- Rs. 100,000/= per annum



Installments for Full Time and Part Time Candidates

Item	Amount (Full Time / Part Time)	
	Military/Police/MOD	Civil
1st Year	Rs. 200,000.00	Rs. 200,000.00
2nd Year	Rs. 225,000.00	Rs. 225,000.00
3rd Year	Rs. 225,000.00	Rs. 225,000.00
Total	Rs. 650,000.00	Rs. 650,000.00

COURSE FEE STRUCTURE (WINDOW 2)

Item	Mphil Programme (2 years)	PhD Programme (3 years)
Registration Fee (#)	Rs. 30,000.00	Rs. 45,000.00
Library Fee (*)	Rs. 8,000.00	Rs. 12,000.00
Proposal, Progress Report, Thesis Evaluation Fee (*)	Rs. 92,000.00	Rs. 156,000.00
Bench Fee (#)	Rs. 20,000.00	Rs. 30,000.00
Refundable Library Deposit (@)	Rs. 10,000.00	Rs. 10,000.00
Total	Rs. 160,000.00	Rs. 253,000.00

Note:

Charges marked as (*) to be paid annually for 2 years (MPhil) and 3 years (PhD)

Charges marked as (#) to be paid annually until the completion of the degree

Charges marked as (@) to be paid only once and is refundable after completion of the degree

How to Apply for MPhil/PhD Programme

A person who wishes to be a candidate of the MPhil/PhD Degree Programme shall make an application to the respective Service Commander /Inspector General of Police / Head of Department / Head of the institution who will submit these applications to the Dean, Faculty of Graduate Studies with their recommendations. The selections are made on the interview conducted by the University.

“What we learn
with pleasure we never forget.”

MASTER OF SCIENCE IN MANAGEMENT



MASTER OF SCIENCE IN MANAGEMENT

INTRODUCTION

The Faculty of Graduate Studies provides a rare opportunity to obtain a Master's Degree in Management (MSc in Management). The programme covers a broad spectrum of management related subjects including all the key areas needed to become a successful team leader. The programme is ideal for those seeking careers in general management or whose current role requires enhanced managerial and leadership capabilities.

The degree programme was designed following the Sri Lankan Qualification Framework and its academic standard is equivalent to Sri Lanka Qualifications Framework Level 10. The degree was designed by a panel of senior academics and professionals from reputed universities/institutions in Sri Lanka ensuring a high academic standard to facilitate participants to complete the degree in two years even whilst being employed. Lectures are held every other weekend at FGS-KDU and the rest of the learning is through independent learning carried out at the participant's convenience. The medium of instruction is English and all the lectures are webcast through the m-learning platform of KDU. Further, KDU-LMS is utilized for student-lecturer interactions and continuous assessments. The Msc in management degree provides broad skills, knowledge, and tools necessary to advance graduates career in the global competitive economy. The graduates can work in a variety of management roles across private, public, and not-for-profit sectors.

OBJECTIVES

The MSc in Management programme has a clear professional approach and is well suited to the officers of the Tri-services and the Police and Executive Officers of Public / Private Sector who wish to make progress in various fields where an

analytical focus is important. Further the programme;

- a. Develops an in-depth knowledge of the art in management.
- b. Builds and enhances career plans through specialized subject modules.
- c. Strengthens the ability to live and work in a highly multicultural environment.
- d. Prepares to take up major challenges in economic environment with a global perspective.

INTENDED LEARNING OUTCOMES

On successful completion of this Master's Degree, students will have enhanced their skills in,

- a. Problem solving in Management through the application of updated management knowledge, principles and exposure.
- b. Communication of Management and commerce related ideas, concepts and solutions to peers and the wider community.
- c. Practicing modern Management systems based on team work and, respecting others' views and ethical behaviors.
- d. Research skills including the retrieval of information from a variety of sources and critical analytical ability.

ELIGIBILITY CRITERIA

Eligibility criteria for MSc in Management Degree Programme are as follows:

- a. He/ She is a Commissioned Officer of Tri-Services / Gazetted Police Officer / Public and Private Sector Executive Officer having a



Bachelors' Degree with 1st Class from a recognized university with a minimum of one (01) year of service or

- b. He/ She is a Commissioned Officer of Tri-Services / Gazetted Police Officer / Public and Private Sector Executive Officer having a Bachelors' Degree with 2nd Class from a recognized university with a minimum of two (02) years of service or
- c. He/ She is a Commissioned Officer in the rank of Captain / Lieutenant / Flight Lieutenant and above or Gazetted Police Officer or Public and Private sector Executive Officer with a Bachelors' Degree from a recognized university with a minimum of three (03) years of Service or
- d. He/She is a Commissioned Officer in the rank of Major/ Lieutenant Commander / Squadron Leader and above or Gazetted Police Officer or Public and Private sector Executive Officer with a minimum of seven (07) years of Service and
- e. Candidates are required to possess satisfactory skills in English language.

COURSE SYLLABUS

The programme contains 16 compulsory subject modules. If a candidate intends to complete the MSc in Management programme, he/she is required to complete all 16 compulsory subject modules, the dissertation within a maximum period of five (05) years.

PROGRAMME STRUCTURE

Candidates are required to earn 63 credits including the credits allocated to the dissertation in two years to obtain the MSc Degree in Management or complete the academic requirements including the mini dissertation of the first year to obtain the Postgraduate Diploma in Management. Any violation of rules and regulations stipulated by KDU on conduct and discipline will lead to cancellation of your studentship.

The duration of the MSc in Management is four semesters (two academic years) and classes are conducted on every other weekend of other than in public holidays from 0830 hrs to 1730 hrs.

LECTURER PANEL

1. Prof I De Silva

PhD (Australia), MA (Australia), BDevS (Hons) (Colombo)

2. Prof Aruna Gamage

PhD in Human Resource Development (Japan), MSc Management (Sri Jayewardenepura), BSc Management (First Class) (Sri Jayewardenepura)

3. Prof (Ms) DSNP Senaratne

PhD (Colombo), MBA (Sri Jayewardenepura)

4. Prof C Pathirawasam

PhD (Czech Republic), MSc (Sri Jayewardenepura), MBA (Japan), PG Dip in Acct & FM (Sri Jayewardenepura), BSc (Sri Jayewardenepura)

5. Prof Hemamali Gunathilake

PhD (Warwick, UK), MSc (Sri Jayewardenepura), BSc (Sri Jayewardenepura)

6. Dr Hemantha Premarathna

PhD (Japan), MA (Japan), BA (Hons) (Peradeniya)

7. Dr UG Rajapaksha

PhD in Economics (Kelaniya), MBA (OUSL), BCom (Special) (Sri Jayewardenepura), AMA (ICMA)

8. Dr Dushan Jayawickrama

PhD (Australia), MSc (Sri Jayewardenepura), BSc in Marketing (Special) (Sri Jayewardenepura)

9. Dr Sampath Punchihewa

PhD (Germany), LLM (USA), LLB (Colombo)

10. Dr Pradeep Kalansooriya

PhD (Japan), MSc in Information Technology (Colombo), BSc (Peradeniya)

11. Dr RAjward

PhD (Finance) (Colombo), BSc Accountancy Special (Sri Jayewardenepura), MBA (PIM)

12. Dr (Mrs) Lakshika Liyanage

PhD (UK), MA (UK), BA (Peradeniya)

13. Mr NR Asoka De Silva

MSc (Ireland), BSc (Eng) (Peradeniya)

14. Mr TM Jayasekara

MBA (Colombo), BSc Eng (Peradeniya)

15. Mr Janaka Badugama

MBA (Colombo), BSc (Sri Jayewardenepura)

16. Mr Ramesh Rajasooriya

MSc IM (Sri Jayewardenepura), BSc (Maths) (Colombo)





COURSE FEE STRUCTURE

Item	Amount (Full Time / Part Time)	
	Military/Police/MOD	Civil
Tuition Fee	Rs. 310,000.00	Rs. 310,000.00
Registration Fee (Initial Registration)	Rs. 4,000.00	Rs. 5,000.00
Library Fees	Rs. 2,000.00	Rs. 2,000.00
Refundable Library Deposit	Rs. 10,000.00	Rs. 10,000.00
Refundable Mess Deposit	Rs. 2,000.00	Rs. 2,000.00
Study Pack	Rs. 2,500.00	Rs. 2,500.00
Total	Rs. 330,500.00	Rs. 331,500.00

Registration Renewal Fee

1st Year after initial registration	-	Rs. 12,500/=
2nd Year after initial registration period	-	Rs. 25,000/=
Continuation to another additional year under any circumstances	-	Rs. 100,000/=

Repeat Examination Fee

For entire semester	-	Rs. 2,500/=
For one subject	-	Rs. 1,000/=
Repeat Thesis Defence		
Viva-Voce Fee	-	Rs. 11,500/=

“Live as if you were to die tomorrow.
Learn as if you were to live forever.”

MASTER OF BUSINESS ADMINISTRATION IN E-GOVERNANCE



MASTER OF BUSINESS ADMINISTRATION IN E-GOVERNANCE

INTRODUCTION

Master of Business Administration in E-Governance Programme of the FGS provides an opportunity for participants to obtain a wider spectrum of knowledge, skills, competence, and attitudes, relevant and necessary to an individual's practice in Business Administration in E-Governance.

The programme is designed by a panel of senior academics and professionals from reputed universities institutions in Sri Lanka in accordance with the Sri Lankan Qualification Framework (SLQF), published by the Ministry of Higher Education and it is equivalent to Sri Lanka Qualification Level. It ensures a high academic standard to facilitate participants to complete MBA in E-Governance in two years even whilst being employed. Lectures are held in every other weekend at KDU and the rest of the learning is through assignments / independent learning carried out at participants' own convenience. The medium of instruction is English and all lectures are webcast through the m-Learning platform of KDU.

After completing Graduates can get involved in senior strategic level positions in the current job market as an E-Governance Manager, consultant to the E-Governance, Senior Project Manager, Regional or National level E-Governance specialist, Digital Development Consultant, Technical and Information Systems Consultant, Managerial Level ICT positions in the ICT Departments.

OBJECTIVES

The main objective of this programme is to enhance and develop the knowledge of Commissioned Officers in the three Armed Services, Gazetted Police Officers and Executive Officers in Public and Private Sector in Business

Administration and E-Governance. In addition, this programme will;

- Provide a wider spectrum of knowledge in Business Administration in E-Governance,
- Enhance the skills of participants in Business Administration in E-Governance,
- Facilitate career progression.

INTENDED LEARNING OUTCOMES

Successful candidates of MBA in E-Governance will demonstrate knowledge and understanding on all aspects related to MBA in E-Governance and apply knowledge in practical context in their respective organization or in any fields as applicable.

ELIGIBILITY CRITERIA

Eligibility criteria for Master of Business Administration Degree in E-Governance is as follows:

- He / She is a Commissioned officer/Gazette Police Officer with minimum of ten (10) years post qualification executive experience in the services or
- He / She possesses any Bachelor of Science, IT or Engineering degree from a recognized University accepted by the Faculty and approved by KDU together with minimum two (02) years post qualifying executive experience in a Government / Private sector organization or
- He / She possesses any other recognized degree in a relevant field accepted by the Faculty and approved by KDU together with minimum of two (02) years post qualifying executive experience in a Government/ Private sector organization or



- d. He / She possesses Diploma in relevant field (Science) with minimum of five (05) years post qualification executive experience in a Government/Private sector or
- e. He / She possesses Certificate with minimum of Seven (07) years post qualification executive experience in a Government / Private sector or
- f. He / She possesses Associate Membership, Graduate-ship (as appropriate) or equivalent from a recognized professional institute accepted by the Faculty and approved by KDU with minimum of three (03) years post qualifying executive experience in a Government / Private sector organization.

COURSE SYLLABUS

The programme contains 16 compulsory subject modules and 5 optional subject modules of which two are to be selected during

year II. If a candidate intends to complete the MBA in E-Governance Programme, he/ she is required to complete all 16 compulsory subject modules, the dissertation and 2 optional subject modules out of the 5.

PROGRAMME STRUCTURE

Candidates are required to earn 60 credits including the credits allocated to the dissertation in two years to obtain the MBA in E-Governance or complete the academic requirements including a project report in the first year to obtain the Postgraduate Diploma in E-Governance without any violation of rules and regulations stipulated by KDU on conduct and discipline.

The duration of the MBA in E-Governance is two years which include four semesters and lectures are conducted on every other weekend of other than in public holidays from 0830 hrs to 1730hrs.

LECTURER PANEL

1. Prof Aruna Gamage

PhD in Human Resource Development (Japan), MSc Management (Sri Jayewardenepura), BSc Management (First Class) (Sri Jayewardenepura)

2. Dr UG Rajapaksha

PhD in Economics (Kelaniya), MBA (OUSL), BCom (Special) (Sri Jayewardenepura), AMA (ICMA)

3. Dr (Mrs) Nirosha Wedasinghe

PhD (KDU), MSc in Information Technology (Australia), BSc (UK)

4. Dr Ruwan Wickramarachchi

PhD (UK), MPhil in Management Studies (UK), BSc in Industrial Management (Kelaniya)

5. Dr (Mrs) W Gunathilake

PhD (Computer Science) (UK), MSc in Information Technology (Colombo), MSc (Moratuwa), BSc (Colombo)

6. Dr LP Kalansooriya

PhD (Japan), MSc in Information Technology (Colombo), BSc (Peradeniya)

7. Dr B Hettige

PhD (Moratuwa), MPhil (Moratuwa), Bsc (Sri Jayewardenepura)

8. Mr Srilal Buddika

MSc in Computer Science & Engineering (Moratuwa), BSc (Peradeniya)

9. Mr M Fonseka

MBA (Sri Jayewardenepura), Dip. M (UK), Postgraduate Diploma in Marketing (UK)

10. Mrs Punsisi Premarathne

MPhil (Sri Jayewardenepura), MSc in Computer and Network Engineering (UK), Bsc in Information Technology (UK)





COURSE FEE STRUCTURE

Item	Amount (Full Time / Part Time)	
	Military/Police/MOD	Civil
Tuition Fee	Rs. 300,000.00	Rs. 300,000.00
Registration Fee (Initial Registration)	Rs. 4,000.00	Rs. 5,000.00
Library Fees	Rs. 2,000.00	Rs. 2,000.00
Refundable Library Deposit	Rs. 10,000.00	Rs. 10,000.00
Refundable Mess Deposit	Rs. 2,000.00	Rs. 2,000.00
Study Pack	Rs. 2,500.00	Rs. 2,500.00
Total	Rs. 320,500.00	Rs. 321,500.00

Registration Renewal Fee

1st Year after initial registration	-	Rs. 12,500/=
2nd Year after initial registration period	-	Rs. 25,000/=
Continuation to another additional year under any circumstances	-	Rs. 100,000/=

Repeat Examination Fee

For entire semester	-	Rs. 2,500/=
For one subject	-	Rs. 1,000/=
Repeat Thesis Defence		
Viva-Voce Fee	-	Rs. 11,500/=

“ Education is simply the soul
of a society as it passes from one
generation to another. ”

MASTER OF BUSINESS ADMINISTRATION IN LOGISTICS MANAGEMENT



MASTER OF BUSINESS ADMINISTRATION IN LOGISTICS MANAGEMENT

INTRODUCTION

Master of Business Administration in Logistics Management Programme of the FGS provides an opportunity for participants to obtain a wider spectrum of knowledge, skills, competence, and attitudes, relevant and necessary to an individual's practice in Business Administration in Logistics Management.

The programme is designed by a panel of senior academics and professionals from reputed universities/institutions in Sri Lanka in accordance with the Sri Lankan Qualification Framework (SLQF), published by the Ministry of Higher Education and it is equivalent to Sri Lanka Qualification Level 10. It ensures a high academic standard to facilitate participants to complete MBA in Logistics Management in two years even whilst being employed. Lectures are held in every other weekend at KDU and the rest of the learning is through assignments / independent learning carried out at participants' own convenience. The medium of instruction is English and all lectures are webcast through the m-Learning platform of KDU.

OBJECTIVES

The main objective of the programme is to enhance and develop the knowledge of officers in the Tri-Services, the Police and also Executives of Public and Private sector and professionals and practitioners in respective discipline in logistics management and to be competent in civil and military logistics applications.

INTENDED LEARNING OUTCOMES

- a. Ability to measure the ways in which logistics processes contribute to meeting the financial goals of businesses.

- b. Ability to apply the applications of information technology in logistics management.
- c. Ability to evaluate different planning models in supply chain management to tackle real life logistics management problems.

ELIGIBILITY CRITERIA

Eligibility criteria for MBA in Logistics Management Programme is as follows:

- a. He/ She is a Commissioned Officer / Gazetted Police Officer / Public and Private Sector Executive Officer having a Bachelors' Degree with 1st Class from recognized university with minimum of one (01) year of service/work experience or
- b. He/ She is a Commissioned Officer / Gazetted Police Officer / Public and Private Sector Executive Officer having a Bachelors' Degree with 2nd Class from recognized university with minimum of two (02) years of service/work experience or
- c. He/ She is a Commissioned Officer in the rank of Captain/Lieutenant / Flight Lieutenant and above or Gazetted Police Officer or Public and Private Sector Executive Officer with a Bachelors' Degree from a recognized university with minimum of three (03) years of service/work experience or
- d. He/ She is a Commissioned Officer in the rank of Captain/ Lieutenant Flight Lieutenant and above or Gazetted Police Officer or Public and Private sector Executive Officer with minimum of seven (07) years of service/work experience.

COURSE SYLLABUS

The programme contains 17 compulsory subject modules and a dissertation on guided



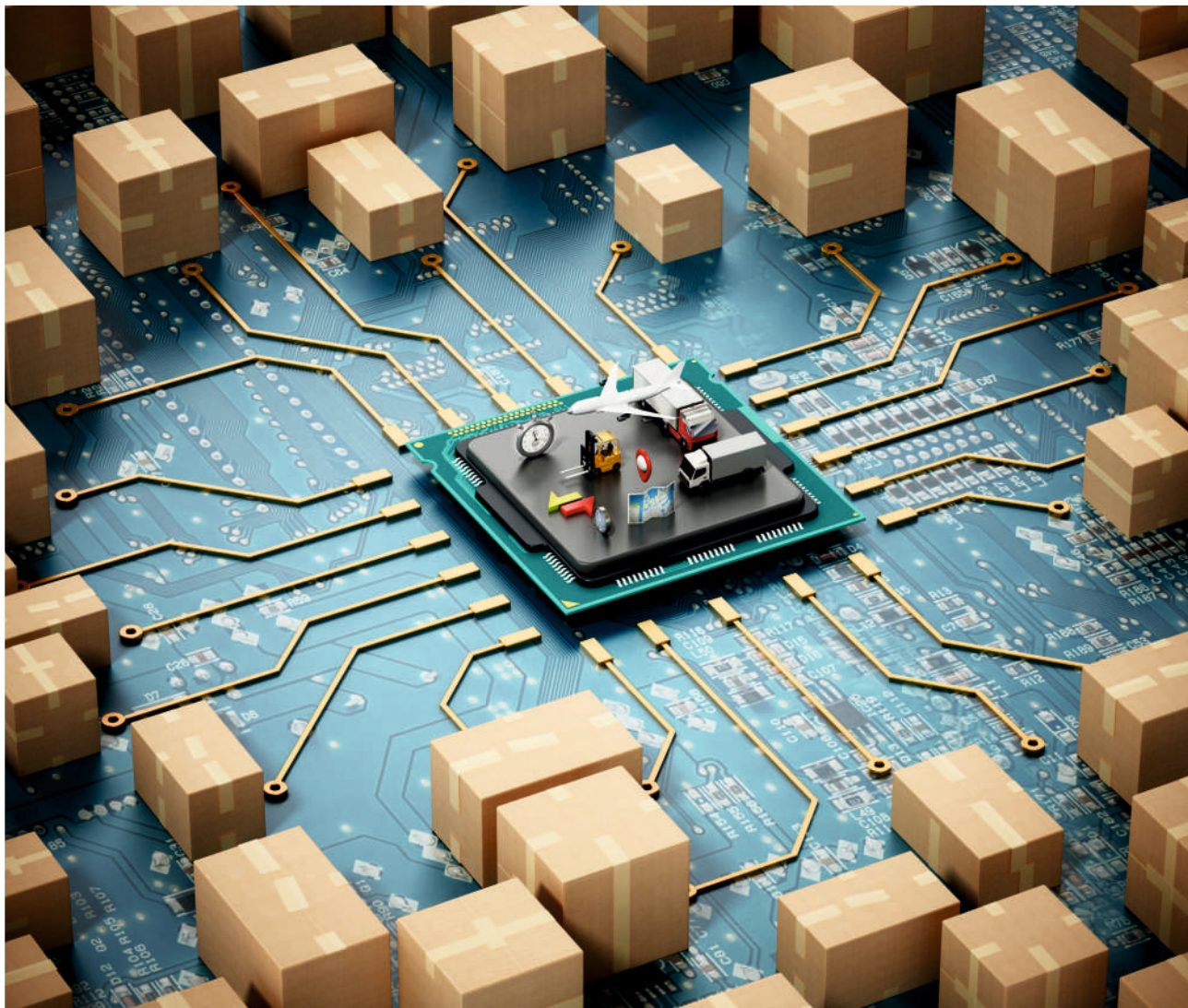
research. If a candidate intends to complete the MBA in Logistics Management programme, he/she is required to complete all 17 compulsory subject modules and the research component.

PROGRAMME STRUCTURE

Candidates are required to earn 60 credits including the credits allocated to the dissertation in two years to obtain the MBA in Logistics Management or complete the

academic requirements including a project report in the first year to obtain the Postgraduate Diploma in Logistics Management. Any violation of rules and regulations stipulated by KDU on conduct and discipline will lead to cancellation of studentship.

The duration of the MBA in Logistics Management Degree Programme is four semesters (two academic years) and classes are conducted in every other weekend of other than in public holidays from 0830 hrs to 1730 hrs.



LECTURER PANEL

1. Prof Aruna S Gamage

PhD in Human Resource Development (Japan), MSc Management (Sri Jayewardenepura), BSc Management (First Class) (Sri Jayewardenepura)

2. Prof Amila Jayarathna

PhD (UK), MSc in Management (Sri Jayewardenepura), BSc Mkt Mgt (Special) (Sri Jayewardenepura), M. in Policy Stud. (Tokyo)

3. Dr (Mrs) Namali Sirisoma

PhD (Moratuwa), BSc Eg. Hons (Moratuwa) C. Eng, CMILT, MITE (US), MIE (Sri Lanka)

4. Dr UG Rajapakshe

PhD in Economics (Kelaniya), MBA (OUSL), BCom (Special) (Sri Jayewardenepura), AMA (ICMA)

5. Dr Sampath Punchihewa

PhD in Law (Germany), LL.M in IP and Competition Law (MIPLC) (Germany), LLB (Hons) (Colombo)

6. Dr Hemantha Premarathne

PhD (Japan), MA (Japan), BA (Hons) (Peradeniya)

7. Dr (Mrs) Chathurani Rathanayaka

PhD (Leicester), MBA (Sri Jayewardenepura), BBus (Victoria)

8. Dr Lakshika Liyanage

PhD (UK), MA (UK), BA (Hons) (Peradeniya), Diploma in Psychology and Counselling

9. Dr Wasantha Premarathne

PhD (SCM) (KDU), MPhil (Econ) (Kelaniya), MA (Econ) (Peradeniya), BA (Econ) (Rajarata), MILT

10. Prof Dinesh Samarasinghe

PhD (Colombo), MBA (Colombo), BSc (Sri Jayewardenepura)

11. Mr Ramesh Rajasooriya

MSc IM (Sri Jayewardenepura), BSc (Maths) (Colombo)

12. Mr Upul Jayathissa

MSc (Port Mgt) (Sweeden), Dip in Marketing (UK), BSc (sp) Business Administration (Sri Jayewardenepura)

13. Ms Piumi Lankeshwara

MSc in Business Statistics (Moratuwa), BA (Hons) (Statistics) (Sabaragamuwa)

14. Mr Bandujeewa Samaranayake

MSc (IT) (Moratuwa), MBA (Sri Jayewardenepura), BSc (Kelaniya)

15. Ms Gayani De Alwis

MBA (Sri Jayewardenepura), MSc (UK), CSCM, FISMM, CMILT

16. Mr IG Perera

MBA (Australia), MSc in Supply Chain Mgt (Malaysia), MSc in Project Management (Malaysia), BA (Kelaniya)

17. Mr Chinthaka Dharmasena

MBA (Sri Jayewardenepura), BSc in Engineering (Moratuwa)

18. Mr HM Ajith Chandra

MBA (Sri Jayewardenepura), PGD in Management (Sri Jayewardenepura), BCom (Sri Jayewardenepura)



COURSE FEE STRUCTURE

Item	Amount (Full Time / Part Time)	
	Military/Police/MOD	Civil
Tuition Fee	Rs. 350,000.00	Rs. 350,000.00
Registration Fee (Initial Registration)	Rs. 4,000.00	Rs. 5,000.00
Library Fees	Rs. 2,000.00	Rs. 2,000.00
Refundable Library Deposit	Rs. 10,000.00	Rs. 10,000.00
Refundable Mess Deposit	Rs. 2,000.00	Rs. 2,000.00
Study Pack	Rs. 2,500.00	Rs. 2,500.00
Total	Rs. 370,500.00	Rs. 371,500.00

Registration Renewal Fee

1st Year after initial registration	-	Rs. 12,500/=
2nd Year after initial registration period	-	Rs. 25,000/=
Continuation to another additional year under any circumstances	-	Rs. 100,000/=

Repeat Examination Fee

For entire semester	-	Rs. 2,500/=
For one subject	-	Rs. 1,000/=
Repeat Thesis Defence		
Viva-Voce Fee	-	Rs. 11,500/=

“The whole purpose of education
is to turn mirrors into windows.”

MASTER OF LAWS IN PUBLIC LAW



MASTER OF LAWS IN PUBLIC LAW

INTRODUCTION

The specialized LLM Programme intends to inculcate the candidates with an advanced knowledge in the area of Public Law, thus filling the dearth of legal practitioners with such expert knowledge and enhancing the career development and prospects of the students. The students upon the successful completion of this qualification will be able to gain employment as academics, researchers, legal officers, policy officers, government officials and engage in legal practice in the area of Public Law.

The teaching staff of the programme brings together the best legal minds in Sri Lanka which includes leading academics, practitioners and industry professionals with special expertise, as well as visiting international scholars. Students would benefit from the rich educational environment while intermingling with professionals from many backgrounds and industries, and building the specialized expertise and experience needed to gain a professional cutting edge.

OBJECTIVES

The breadth of the programme gives students an opportunity to harness their legal knowledge and skills and enhance career prospects for the purpose of attaining their personal and professional goals. Further,

- a. To offer a comprehensive study programme for those who intend to specialize in Public Law by gaining more advanced knowledge and critical thinking abilities.
- b. To develop the competencies on critical analysis of the theory and practices of Public Law in Sri Lanka particularly the relationship between the citizens and the State.
- c. To uplift the career standards and research

competencies of the professionals and academics in the field of Public Law.

- d. To provide the foundation for progression to doctoral level study in Public Law.
- e. To enhance attitudes, values, ethics and communication skills to facilitate career progression.

INTENDED LEARNING OUTCOMES

At the end of the Master of Laws in Public Law, a student will be able to:

- a. Demonstrate critical awareness of current issues in Public Law and be able to apply techniques relevant to profession/ area of specialization.
- b. Deal with complex issues systematically and creatively and make sound judgments and communicate decisions clearly to specialist and non-specialist groups.
- c. Should demonstrate self-direction and originality in tackling and solving problems and be able to plan and implement tasks at professional manner.

ELIGIBILITY CRITERIA

A person may be eligible for admission to the Degree Programme provided he/she meets the following criteria;

- i. A Legal Officer in the Armed Forces, the Police or the Public/Private sector, or an independent practitioner; and
- ii. Possesses any of the following qualifications;
 - a. A Degree in Law with a 1st class/ 2nd class upper division; or
 - b. A Degree in Law with a 2nd class lower division and with 2 years professional experience, or



- c. A Degree in Law without a class and with 3 years professional experience, or
- d. An Attorney at Law with a minimum of 5 years professional experience.

COURSE SYLLABUS

The programme contains 12 compulsory subject modules and a dissertation on guided research. The medium of instruction and evaluation of the Degree Programme shall be English. Each subject module shall carry a maximum of 100 marks. Performance of the candidate in each module shall be evaluated by means of a Continuous Assessment and an End Semester Examination. Continuous Assessment shall be a library-based research containing 4000 words, conducted by the Candidate. Similarity level of the Continuous Assessment shall be below 20%. The Candidate shall be required to fulfil both the Continuous Assessment and the

End Semester Examination in order to complete each subject module. A candidate is also required to produce a dissertation which shall be a well-researched document of high academic standard of 25000 words. A Candidate shall defend both his research proposal and the Dissertation in front of an Evaluation Panel.

PROGRAMME STRUCTURE

The Degree Programme shall be considered as full-time study programme with a research component of 15 credits and 13 modules of 45 credits (Total - 60) offered in 04 semesters. The duration of the Degree Programme shall be two (02) academic years (24 months).

Lectures will be held on every other weekend other than public holidays from 0830 hrs to 1730 hrs. The medium of instruction and evaluation of the Degree Programme is English.



LECTURER PANEL

1. Mr WS Wijesinghe

Master of Laws (Medical Law), Bachelor of Laws,
Postgraduate Diploma in International Relations,
Attorney at Law
Senior Lecturer - Dean, Faculty of Law - KDU

2. Ms BKM Jayasekera

LLM (India), LLB (Hons) (Colombo), Attorney at Law
Senior Lecturer - Faculty of Law - KDU

3. Ms MRIK Munasinghe

Master of Human Rights (Colombo), LLM in
International Trade Law (Wales, UK), PG Dip in Human
Rights (Colombo), Attorney at Law
Senior Lecturer - Faculty of Law - KDU

4. Ms RBWMH Rathnamalala

LLM in Human Rights Law (Minnesota, USA), LLM
(Colombo), LLB (Hons) (Colombo), Attorney at Law
Senior Lecturer - Faculty of Law - KDU

5. Ms AA Edirisinghe

MPhil (Colombo), LLM (West London), LLB (Hons)
(Colombo), Attorney-at-Law
Senior Lecturer - Faculty of Law - KDU

6. Ms LM De Silva

MPhil (Colombo), LLB (Hons) (Colombo), Attorney at
Law
Senior Lecturer - Faculty of Law - KDU

7. Maj Shiran Mendis

LLM (KDU), LLB, Attorney at Law
Head of the Department (Civil Law)
Faculty of Law - KDU

8. Dr CS Talagala

PhD (Griffith), LLB (Hons) (Colombo), ADMA (UK), PG
Dip in IPL (Hons), LLM (Hons), Attorney at Law
Member, Australian Center for Intellectual Property in
Agriculture

9. Dr Joe Silva

PhD (SGU), LLM (Colombo), LLB (Sri Lanka)
Former Principal, Sri Lanka Law College,
Former Vice President, Commonwealth Legal
Education Association (CLEA),
Former Commonwealth Moot Coordinator

10. Dr Dantha Rodrigo PC

PhD (Queensland), LLM (Colombo), BA (Sri
Jayawardenapura), LLB (Colombo)
Former Principal, Sri Lanka Law College

11. Prof Suri Rathnapala

PhD (QLD), LLM (Macquarie), LLB (Colombo)
Emeritus Professor TC Beirne School of Law

12. Mohan Peiris PC

Solicitor, England and Wales
Permanent Representative of Sri Lanka to the United
Nations,
Former Chief Justice, Supreme Court of Sri Lanka,
Former Attorney General, Sri Lanka

13. Mr HA Menaka Harankaha

MPhil, LLB (Hons) (Colombo)
Head, Department, Department of Commercial Law,
Faculty of Law, University of Colombo.

14. Ms Deepthika Kulasena

MPhil (Colombo), LLB (Colombo)
Additional Legal Draftsman
Legal Draftsman's Department

15. Priyasad Dep PC

BA (Colombo)
Former Chief Justice of the Supreme Court, Former
Solicitor General, Attorney General's Department

16. Dr Jayantha de Almeida Guneratne

PhD (Hawaii), MPhil (Colombo), MA (Kelaniya), BA
(Kelaniya), LLB (Colombo)
Acting President, Court of Appeal, Fiji

17. Dr Sunil Cooray PC

PhD (Colombo)

18. Dr Kokila Konasinghe

PhD (Keele), LLM (Rotterdam), LLB (Colombo) (Hons)
Senior Lecturer, Department of Public and
International Law, Faculty of Law, University of
Colombo

19. Dr Jagath Gunawardana

PhD (Sri Jayawardenapura), LLB (Colombo)
Attorney at Law

20. Dr Sunil Abeyrathne

PhD (Colombo), MBA (India), LL.M (Queen Mary)
Attorney at Law



21. Ms Aparajitha Ariyadasa

LLM(Colombo), BSc, Attorney at Law
Senior Partner at ATD Legal Associates
Lecturer, Cardiff Metropolitan University

22. Mr Jayantha Fernando

LLM (London), Attorney at Law

23. Manohara de Silva PC

Member of Law Commission of Sri Lanka

24. Dr. Nihal Jayawickrama

LLB (Colombo)
Former Attorney General, Sri Lanka
Former Permanent Secretary to the Ministry of Justice

25. Shavendra Fernando PC

LLM(Colombo), LLM (London), Chevening Fellowship
(Birmingham)
Former Judge Advocate General, Sri Lanka Navy
Former Deputy Solicitor General, Attorney General's
Department
Judge, Court of Appeal, Fiji

26. Cmde (Dr) ID Piyasiri

Director (HL & HRL), Sri Lanka Navy

27. Maj DP Aluthge

LLM (Colombo), LLB (Colombo)
Sri Lanka Army

28. Justice Yasantha Kodagoda

LLM (London)
Judge, Supreme Court of Sri Lanka

29. Prof Jeeva Niriella

MPhil (Colombo), LLB (Hons) (Colombo)
Attorney at Law
Dean, Faculty of Criminal Justice, General Sir John
Kotelawala Defence University,
Professor, Department of Public and International
Law, Faculty of Law, University of Colombo

30. Dr Ravi Widyalkara

PhD (Russia), MPhil (USJP), LLM (Colombo), LLB (OUSL)
Senior Deputy Inspector General of Police (Retd)

31. Mr Raja Gooneratne

LLM (Monash)
Senior Lecturer, Head, Department of Legal Studies,
Open University of Sri Lanka



COURSE FEE STRUCTURE

Item	Amount (Full Time / Part Time)	
	Military/Police/MOD	Civil
Tuition Fee	Rs. 350,000.00	Rs. 350,000.00
Registration Fee (Initial Registration)	Rs. 4,000.00	Rs. 5,000.00
Library Fees	Rs. 2,000.00	Rs. 2,000.00
Refundable Library Deposit	Rs. 10,000.00	Rs. 10,000.00
Refundable Mess Deposit	Rs. 2,000.00	Rs. 2,000.00
Study Pack	Rs. 2,500.00	Rs. 2,500.00
Total	Rs. 370,500.00	Rs. 371,500.00

Registration Renewal Fee

1st Year after initial registration	-	Rs. 12,500/=
2nd Year after initial registration period	-	Rs. 25,000/=
Continuation to another additional year under any circumstances	-	Rs. 100,000/=

Repeat Examination Fee

For entire semester	-	Rs. 2,500/=
For one subject	-	Rs. 1,000/=
Repeat Thesis Defence		
Viva-Voce Fee	-	Rs. 11,500/=

MASTER OF LAWS IN BUSINESS LAW



MASTER OF LAWS IN BUSINESS LAW

INTRODUCTION

The proposed specialized LLM Programme intendS to inculcate the candidates with an advanced knowledge in the area of Business Law; filling the dearth of legal practitioners with expert knowledge and enhancing the career development and prospects of the students. The teaching staff of the programme brings together the best legal minds in Sri Lanka which includes leading academics, practitioners and industry professionals with special expertise, as well as visiting international scholars. Students would benefit from the rich educational environment while intermingling with professionals from many backgrounds and industries, and building the specialized expertise and experience needed to gain a professional cutting edge.

The students upon the successful completion of this qualification, will be able to gain employment as academics, legal officers and engage in legal practice in Business Law. Trade and business are vastly growing sectors both in Sri Lanka and the international context with globalization, development of technology and advancement of communications. All the business transactions, agreements and contracts require the consultation and advice of legal professionals with the expertise in Business Law and the students completing the LLM in Business Law at KDU can address this crucial necessity.

OBJECTIVES

The breadth of the programme gives students an opportunity to harness their legal knowledge and skills and enhance career prospects for the purpose of attaining their personal and professional goals. Further,

- a. To provide an advanced and an integrated body of knowledge in Business Law through

the use of appropriate research principles and methods.

- b. To develop the capacity to critically analyse, synthesize and evaluate concepts and theories in Business Law.
- c. To contribute towards the progression of business, trade and development of the country through effective dissemination of knowledge and research outcomes in Business Law.
- d. To provide the foundation for progression to doctoral level study in Business Law.
- e. To enhance attitudes, values, ethics, and communication skills to create an expert in the field of Business Law

INTENDED LEARNING OUTCOMES

At the end of the Master of Laws in Business Law, a student will be able to:

- a. Demonstrate critical awareness of current issues in Business Law and be able to apply techniques relevant to profession/ area of specialization.
- b. Should be able to deal with complex issues systematically and creatively and make sound judgments and communicate decisions clearly to specialist and non-specialist groups.
- c. Should demonstrate self-direction and originality in tackling and solving problems and be able to plan and implement tasks at professional manner.

ELIGIBILITY CRITERIA

A person may be eligible for admission to the Degree Programme provided he/she meets the following criteria;



- I A Legal Officer in the Armed Forces, the Police or the Public/Private sector, or an independent practitioner; and
- ii. Possesses any of the following qualifications;
 - a. A Degree in Law with a 1st class/ 2nd class upper division; or
 - b. A Degree in Law with a 2nd class lower division and with 2 years professional experience; or
 - c. A Degree in Law without a class and with 3 years professional experience; or
 - d. An Attorney at Law with a minimum of 5 years professional experience.

COURSE SYLLABUS

The programme contains 12 compulsory subject modules and a dissertation on guided research. The medium of instruction and evaluation of the Degree Programme shall be English. Each subject module shall carry a maximum of 100 marks. Performance of the candidate in each module shall be evaluated by means of a Continuous Assessment and an End Semester Examination. Continuous Assessment

shall be a library-based research containing 4000 words, conducted by the Candidate. Similarity level of the Continuous Assessment shall be below 20%. The Candidate shall be required to fulfil both the Continuous Assessment and the End Semester Examination in order to complete each subject module. A candidate is also required to produce a dissertation which shall be a well-researched document of high academic standard of 25000 words. A Candidate shall defend both his research proposal and the Dissertation in front of an Evaluation Panel.

PROGRAMME STRUCTURE

The Degree Programme shall be considered as full-time study programme with a research component of 15 credits and 13 modules of 45 credits (Total - 60) offered in 04 semesters. The duration of the Degree Programme shall be two (02) academic years (24 months).

Lectures will be held on every other weekend other than public holidays from 0830 hrs to 1730 hrs. The medium of instruction and evaluation of the Degree Programme is English.



LECTURER PANEL

1. Ms MRIK Munasinghe

Master of Human Rights (Colombo), LLM in International Trade Law (Wales UK), PG Dip in Human Rights (Colombo), Attorney at Law
Senior Lecturer - Faculty of Law - KDU

2. Dr YP Wijerathna

PhD (Malaya), LLM (West London), LLB (Hons) (Colombo), Attorney at Law
Senior Lecturer - Faculty of Law - KDU

3. Ms AA Edirisinghe

MPhil (Colombo), LLM (West London), LLB (Hons) (Colombo), Attorney-at-Law
Senior Lecturer - Faculty of Law - KDU

4. Ms MPC Wijesooriya

LLM in Intellectual Property Law (UK), LLM (Colombo), LLB (Hons) (Colombo), Attorney at Law
Lecturer - Faculty of Law - KDU

5. Ms JAD Jayakody

LLM (KDU), LLB (Hons) (Colombo), Attorney at Law
Senior Lecturer - Faculty of Law - KDU

6. Ms LM De Silva

MPhil (Colombo), LLB (Hons) (Colombo), Attorney at Law
Senior Lecturer - Faculty of Law - KDU

7. Ms NKK Mudalige

LLM (KDU), MLRHRM (Colombo), LLB (Hons) (Colombo), Attorney at Law
Senior Lecturer - Faculty of Law - KDU

8. Dr CS Talagala

PhD (Griffith), LLM (Hons), PG Dip in IPL (Hons) (Colombo), ADMA (UK), LLB (Hons) (Colombo), Attorney at Law

9. Dr Chathura Warnasooriya

PhD (Brunel), LLM (Wales), Attorney at Law

10. Mr Prabash Semasinghe

LLM (Colombo), LLM. (Wales), Attorney at Law, Dip in IPL

11. Dr Asanga Gunawansa

PhD (NUS), LLM (Warwick), Attorney at Law

12. Mr Chathura Galhena

LLM (Newcastle) MPhil (Colombo) (Reading), Attorney at Law

13. Dr Harsha Cabral PC

PhD (Canberra)

14. Dr Darshika Pathirana

PhD (Colombo), LLB (Hons) (Colombo), LLM (Colombo)

15. Mr Gamini Balasooriya

LLM (Wales), M.C.A (PIM) (Sri Jayawardenapura), BA (Aquinas), Dip in Banking and Insurance (Hons) (Colombo), Attorney at Law, MBA (Reading)

16. Mr Chanakya Jayadewa

Attorney at Law

17. Mr Wasantha Gajanayake

LLM (West London), Attorney at Law, BSc Engineering (Hons) (Moratuwa)

18. Nigel Hatch PC

Barrister at Law

19. Uditha Igalahewa PC

LLM (Colombo), LLM (International Maritime Law Institute), Attorney at Law

20. Ms Nimmi Gunaratne

LL.B (Colombo)



COURSE FEE STRUCTURE

Item	Amount (Full Time / Part Time)	
	Military/Police/MOD	Civil
Tuition Fee	Rs. 350,000.00	Rs. 350,000.00
Registration Fee (Initial Registration)	Rs. 4,000.00	Rs. 5,000.00
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Total	Rs. 370,500.00	Rs. 371,500.00

Registration Renewal Fee

1st Year after initial registration	-	Rs. 12,500/=
2nd Year after initial registration period	-	Rs. 25,000/=
Continuation to another additional year under any circumstances	-	Rs. 100,000/=

Repeat Examination Fee

For entire semester	-	Rs. 2,500/=
For one subject	-	Rs. 1,000/=
Repeat Thesis Defence		
Viva-Voce Fee	-	Rs. 11,500/=

“Never stop learning,
because life never stops teaching”

MASTER OF LAWS IN INTERNATIONAL LAW



MASTER OF LAWS IN INTERNATIONAL LAW

INTRODUCTION

The specialized LLM Programme intends to inculcate the candidates with an advanced knowledge in the area of International Law; filling the dearth of legal practitioners with such expert knowledge and enhancing the career development and prospects of the students. The students upon the successful completion of this qualification will be able to gain employment as academics, legal officers in international organizations and institutes, engaged in legal practice in the area of International Law and involve in Foreign Services. The outlook for international law suggests growth, as this area of the law is expected to grow even faster than other areas. The teaching staff of the programme brings together the best legal minds in Sri Lanka which includes leading academics, practitioners and industry professionals with special expertise, as well as visiting international scholars. Students would benefit from the rich educational environment while intermingling with professionals from many backgrounds and industries, and building the specialized expertise and experience needed to gain a professional cutting edge.

Globalization brings private and public sectors closely together while enhancing the affairs between and among nations. Therefore, the demand for international lawyers has rapidly increased in the contemporary world. This development has created a place and a demand for lawyers with a Master's degree in International Law. Moreover, developing countries need lawyers to assist in their legal transformations and international and regional organizations need to interpret their Charters and International Law.

OBJECTIVES

The breadth of the programme gives students an opportunity to harness their legal knowledge and skills, and enhance career prospects for the purpose of attaining their personal and professional goals. Further,

- To provide an advanced knowledge and perception of the underpinnings of different fields of International Law and the skills required in practice.
- To develop critical awareness and provide practical solutions to the types of problems commonly encountered in the practice of International Law.
- To inculcate research skills at postgraduate level deemed appropriate to careers involving different fields of International Law.
- To provide the foundation for progression to doctoral level study in International Law.
- To enhance attitudes, values, ethics, and communication skills to create an expert in the field of International Law.

INTENDED LEARNING OUTCOMES

At the end of the Master of Laws in International Law, a student will be able to:

- Demonstrate critical awareness of current issues in International Law and be able to apply techniques relevant to profession/ area of specialization.
- Should be able to deal with complex issues systematically and creatively and make sound judgments and communicate decisions clearly to specialist and non-specialist groups.



- c. Should demonstrate self-direction and originality in tackling and solving problems and be able to plan and implement tasks at professional manner.

ELIGIBILITY CRITERIA

A person may be eligible for admission to the Degree Programme provided he/she meets the following criteria;

- i. A Legal Officer in the Armed Forces, the Police or the Public/Private sector, or an independent practitioner; and
- ii. Possesses any of the following qualifications;
 - a. A Degree in Law with a 1st class/ 2nd class upper division; or
 - b. A Degree in Law with a 2nd class lower division and with 2 years professional experience; or
 - c. A Degree in Law without a class and with 3 years professional experience; or
 - d. An Attorney at Law with a minimum of 5 years professional experience.

COURSE SYLLABUS

The programme contains 12 compulsory subject modules and a dissertation on guided research. The medium of instruction and evaluation of the Degree Programme shall be

English. Each subject module shall carry a maximum of 100 marks. Performance of the candidate in each module shall be evaluated by means of a Continuous Assessment and an End Semester Examination. Continuous Assessment shall be a library-based research containing 4000 words, conducted by the Candidate. Similarity level of the Continuous Assessment shall be below 20%. The Candidate shall be required to fulfil both the Continuous Assessment and the End Semester Examination in order to complete each subject module. A candidate is also required to produce a dissertation which shall be a well-researched document of high academic standard of 25000 words. A Candidate shall defend both his research proposal and the Dissertation in front of an Evaluation Panel.

PROGRAMME STRUCTURE

The Degree Programme shall be considered as full-time study programme with a research component of 15 credits and 13 modules of 45 credits (Total - 60) offered in 04 semesters. The duration of the Degree Programme shall be two (02) academic years (24 months).

Lectures will be held on every other weekend other than public holidays from 0830 hrs to 1730 hrs. The medium of instruction and evaluation of the Degree Programme is English.



LECTURER PANEL

1. Ms BKM Jayasekera

LLM (SAU), LLB (Hons) (Colombo), Attorney at Law
Senior Lecturer - Faculty of Law - KDU

2. Ms MRIK Munasinghe

Master of Human Rights (Colombo), LLM in International Trade Law (Wales, UK), PG Dip in Human Rights (Colombo), Attorney at Law
Senior Lecturer - Faculty of Law - KDU

3. Ms RBWMH Rathnamalala

LLM in Human Rights Law (Minnesota, USA), LLM (Colombo), LLB (Hons) (Colombo), Attorney at Law
Senior Lecturer - Faculty of Law - KDU

4. Dr YP Wijerathna

PhD (Malaya), LLM (West London), LLB (Hons) (Colombo), Attorney-at-Law
Senior Lecturer - Faculty of Law - KDU

5. Ms AA Edirisinghe

MPhil (Colombo), LLM (West London), LLB (Hons) (Colombo), Attorney-at-Law
Senior Lecturer - Faculty of Law - KDU

6. Ms MPC Wijesooriya

LLM in Intellectual Property Law (Exeter, UK), LLM (Colombo), LLB (Hons) (Colombo), Attorney at Law
Lecturer - Faculty of Law - KDU

7. Dr CS Talagala

PhD (Griffith), LL.M (Hons), PG Dip in IPL (Hons) (Colombo), ADMA (UK), LLB (Hons) (Colombo)
Attorney at Law
Member, Australian Center for Intellectual Property in Agriculture

8. Palitha Fernando, PC

LLM (Colombo), LLM (Bistol), LLB (Colombo)
Former Attorney General, Attorney General Department

9. Dr Kalana Senaratne

PhD (Hong Kong), LLM (London), LLB (London)
Department of Law, University of Peradeniya.

10. Dr Sumudu Atapattu

PhD (Cambridge), LLM (Cambridge), Law School (Wisconsin, USA), Attorney at Law

11. Dr Lalanath De Silva

PhD (Sydney), LLM (Washington), Attorney at Law
Head, Independent Redress Mechanism of Green Climate Fund, UNCCC

12. Mr Rajiv Goonetilleke

LLM (Colombo), LLM (Wales), LLB (Colombo), Attorney at Law
Deputy Solicitor General, Attorney General Department.

13. Ms Anusha Wickramasinghe

PhD (Leiden) (Reading), LLM (McGill), LLB (OUSL), Attorney at Law

14. Mr Rayhan Wannappa

Attorney at Law
Director, Air transport and Economic Regulation, Civil Aviation Authority.

15. Dr Chathura Warnasooriya

PhD (Brunel), LLM (Wales), LLM (London), Attorney at Law

16. Dr Harsha Cabral, PC

PhD (Canberra), Member, International Chamber of Commerce (ICC), International Court of Arbitration in Paris.
Fellow, Institute of Chartered Secretaries & Administrators, UK

17. Ms Amasara Gajadeera

LLM (Washington), BSc (London), LLB (Colombo)
Senior State Council, Attorney General's Department

18. Justice PA Rathnayaka, PC

Former Judge, Supreme Court of Sri Lanka

19. Capt Asanka Karunarathne

M.P.A.M (Colombo), MA (Kelaniya), LLM (Malta), LLB (Hons) (Colombo)
Sri Lanka Navy

20. Dr Dan Malik Gunasekara

PhD (Hamburg), LLM (Utrecht, Netherlands)

21. Dr Nishara Mendis

PhD (Maastricht), LLM (Yale), LLB (Hons) (Colombo), Attorney at Law
Department of Public and International Law, Faculty of Law, University of Colombo



22. Ms Ganga Wakishta Arachchi

LLM (London), Attorney at law
Senior State Counsel, Attorney general Department

23. Mr Nimal Punchihewa

Attorney at Law
Chairman, Election Commission of Sri Lanka

24. Manori De Silva PC

Attorney in UK (Solicitor)

25. Dr Asoka De Silva

PhD (Southampton), LLM (Southampton), LLB (Hons)
(Colombo)

26. Ms Shirani Thilakawardena

Attorney at Law
Former Judge, Supreme Court of Sri Lanka

27. Farzana Jameel PC

LL.M. (Colombo), LLM (London), LLB (Colombo)
Deputy Solicitor General, Attorney General's
Department.

28. Mr KAAN Thilakarathna

CTHE (Colombo), LLM (Merit)(KDU), LLB (Colombo),
Attorney at Law
Lecturer, IHRA, University of Colombo.

29. Mr Ratnaweera Nawinna

Attorney at Law
Civil Aviation Authority, Dubai, United Arab Emirates

30. Dr Ruwantissa Abeyratna

PhD (Colombo), LLM (Monash), DCL (McGill), LLB
(Colombo)
University of McGill

31. Mr Nandasiri Jasenthuliyana

LLM (McGill), LLB (Ceylon), Attorney at Law
Former Director, United Nations Office for Outer Space
Affairs, Former Deputy Director-General, United
Nations Office, Vienna



COURSE FEE STRUCTURE

Item	Amount (Full Time / Part Time)	
	Military/Police/MOD	Civil
Tuition Fee	Rs. 350,000.00	Rs. 350,000.00
Registration Fee (Initial Registration)	Rs. 4,000.00	Rs. 5,000.00
Library Fees	Rs. 2,000.00	Rs. 2,000.00
Refundable Library Deposit	Rs. 10,000.00	Rs. 10,000.00
Refundable Mess Deposit	Rs. 2,000.00	Rs. 2,000.00
Study Pack	Rs. 2,500.00	Rs. 2,500.00
Total	Rs. 370,500.00	Rs. 371,500.00

Registration Renewal Fee

1st Year after initial registration	-	Rs. 12,500/=
2nd Year after initial registration period	-	Rs. 25,000/=
Continuation to another additional year under any circumstances	-	Rs. 100,000/=

Repeat Examination Fee

For entire semester	-	Rs. 2,500/=
For one subject	-	Rs. 1,000/=
Repeat Thesis Defence		
Viva-Voce Fee	-	Rs. 11,500/=

How to Apply for Master of Laws in Public Law, Business Law and International Law Programmes

Legal officers of the Tri-services and Police should apply through their Service Commanders and the Inspector General of Police, respectively; and public and private sector personnel through their heads of departments. The application should be addressed to the Dean, Faculty of Graduate Studies. All applicants are required to pass an aptitude test conducted by KDU.

MASTER OF SCIENCE IN STRATEGIC STUDIES AND INTERNATIONAL RELATIONS



MASTER OF SCIENCE IN STRATEGIC STUDIES AND INTERNATIONAL RELATIONS

INTRODUCTION

Msc in Strategic Studies & International Relations (SSIR) is an innovative and interdisciplinary programme that combines Strategic Studies and International Relations. The programme is designed by the Department of Strategic Studies at General Sir John Kotelawala Defence University. SSIR combines the knowledge from various fields such as international relations, geography, economy, international law, conflict resolution, security studies, and others related fields. The programme is intended to generate a comprehensive knowledge about various strategic issues in today's international relations. In this programme, students are provided with the opportunity to interact with resource persons from diplomatic community, military, and other relevant fields apart from interacting with the academics from KDU and other universities.

SSIR programme is specially meant for the students who are interested in jobs related to fields such as diplomatic service, government ministries, United Nations, NGO's/INGO's and other related fields. The programme is also beneficial for persons in the private sector who do or seek jobs related to Strategic Studies and International Relations.

OBJECTIVES

MSSIR envisions the development of strategic community and broadening their horizons in order to serve the National Interest of Sri Lanka. This master's programme is in line with the following objectives,

- a. Enhance students' knowledge in Strategic Studies and International Relations as an interdisciplinary field of study.
- b. Educate on various theories, concepts, methodologies, and techniques related to

Strategic Studies & International Relations in order to broaden scope of the students.

- c. Develop the skills to identify the contemporary global and regional issues and its relevance to Sri Lanka.
- d. Explain the strategic importance of Sri Lanka in regional and world politics.
- e. Describe the importance of a country's foreign policy and the changes of Sri Lanka's foreign policy under different governments.
- f. Analyse the strategic issues in contemporary international relations.
- g. Assess the strategic challenges faced by Sri Lanka and identify possible diplomatic initiatives to positively address those challenges.
- h. Improve students' attitude towards maintaining national pride and make him/her defend national interest within Sri Lanka and abroad.
- i. Appraise an attitudinal change on students to be more disciplined and encourage them to contribute to national development discourse.

INTENDED LEARNING OUTCOMES

After the successful completion of the Master's Degree, participants will,

- a. has an in-depth knowledge in contemporary global and regional security and strategic settings and its relevance to Sri Lanka.
- b. be able to understand the strategic nexus between the National Interest of our state and the role to safeguard it.



ELIGIBILITY CRITERIA

A person is eligible for admission to the programme of study leading to the Master Degree in Strategic Studies & International Relations, provided he/she meets one of the following conditions:

- a. He/ She is a Commissioned Officer/ Police Officer/ Public and Private sector Executive Officer having a Bachelors' Degree with 1st Class from recognized university with a minimum of one (01) year of service/work experience or
- b. He/ She is a Commissioned Officer/ Police Officer/ Public and Private sector Executive Officer having a Bachelors' Degree with 2nd Class from recognized university with a minimum of two (02) years of service/work experience or
- c. He/ She is a Commissioned Officer in the rank of Captain/ Lieutenant/ Flight Lieutenant and above or Police Officer in the rank of IP and above or Public and Private sector Executive Officer with a Bachelors' Degree from a recognized university with a minimum of three (03) years of service/work experience or
- d. He/ She is a Commissioned Officer in the rank of Major/ Lieutenant Commander/ Squadron Leader and above or Gazetted Police Officer or Public and Private sector Executive Officer with a minimum of seven (07) years of Service/work experience.

However, a person who is currently registered for a Degree Programme as an internal/ external candidate of any University or Higher

Educational Institution is not eligible to be registered for any of the Degree Programme of the KDU and vice versa, unless the candidate registers with two distinct institutions and provides sufficient evidence to prove his/ her competence to pursue such degree programmes simultaneously.

COURSE SYLLABUS

The programme contains 17 compulsory subject modules and a dissertation on guided research. If a candidate intends to complete the MSc in Strategic Studies & International Relations Programme, he / she is required to complete all 17 compulsory subject modules and the research component.

PROGRAMME STRUCTURE

Candidates are required to earn 60 credits including the credits allocated to the dissertation within two academic years to obtain the Masters Degree in Strategic Studies and International Relations or complete the academic requirements including a mini dissertation in the first year to obtain the Postgraduate Diploma in Security & Strategic Studies. Any violation of rules and regulations stipulated by KDU on conduct and discipline will lead to the cancellation of studentship.

The duration of the Masters programme is four semesters (two academic years) and class sessions are conducted on every other weekend of other than in public holidays from 0830 hrs to 1730 hrs.

LECTURER PANEL

1. Prof Emeritus Amal Jayawardena

PhD, MA (Washington) BA (Hons)

2. Prof Emeritus W Indralal De Silva

PhD (ANU), MA (ANU), BDevS (Hons) (Colombo)

3. Prof Emeritus WI Siriweera

PhD (London), D Lit (nc) (Rajarata), DCS (nc) (Wayamba), BA(Hons)

4. Admiral (Rtd) Prof JSK Colombage RSP ndc psc

PhD (KDU), MA (Kings College), MSc (Madras)

5. Maj Gen (Rtd) GVDUA Perera RWP RSP VSV USP USAWC psc

MSc (NDU, Washington DC), MSc (Madras)

6. Maj Gen (Rtd) KPA Jayasekera WWV RSP VSV USP ndc psc

MSc (NDU, Islamabad), MSc (Bangladesh), MSc (Madras)

7. Brig RGU Rajapakshe RSP psc

MSc (NDU, Washington DC), MSc (Kelaniya), BSc (KDA)

8. Brig A M C P Wijyaratne RWP RSP psc

MA (NPS, Monterey), MSc (Kelaniya)

9. Capt R Joseph RSP USP NWC psc MCPS

MSc (Colombo), PGD (USA)

10. Dr M Ganeshamoorthy

PhD (Netherlands), MA (Colombo), BA (Hons) (Peradeniya)

11. Dr Pradeep Pieris

PhD (Colombo), MSc (Sri Jayawardenapura), BA (Hons) (Colombo)

12. Mr Asif Fuard

MSc (KDU)

13. Dr Harinda Vidanage

PhD (Edinburgh), BA (Hons) (Colombo)

14. Dr Sanath De Silva

PhD, MA (Colombo), BA (Hons) (Kelaniya)

15. Dr Bhagya Senaratne

PhD, MA (Colombo), BA (Colombo)

16. Mr Ravinatha Pandukabhaya Ariyasinha

BA (Peradeniya), Master of Arts Degree in International Relations (Colombo)

17. Mr S Satheesmohan

MA (Bradford), MA (UPEACE, Costa Rica), BA (Hons) (Peradeniya)

18. Ms Sinduja Jayaratne

MSc (NTU, Singapore), BSc (Hons) (LSE, London)

19. Ms Niruka Sanjeewani

MA in IR (Colombo), BA (Hons) (Colombo)

20. Mr Asantha Senavirathna

MA in IR (Colombo), BA(Hons) (Peradeniya)





COURSE FEE STRUCTURE

Item	Amount (Full Time / Part Time)	
	Military/Police/MOD	Civil
Tuition Fee	Rs. 300,000.00	Rs. 300,000.00
Registration Fee (Initial Registration)	Rs. 4,000.00	Rs. 5,000.00
Library Fees	Rs. 2,000.00	Rs. 2,000.00
Refundable Library Deposit	Rs. 10,000.00	Rs. 10,000.00
Refundable Mess Deposit	Rs. 2,000.00	Rs. 2,000.00
Study Pack	Rs. 2,500.00	Rs. 2,500.00
Total	Rs. 320,500.00	Rs. 321,500.00

Registration Renewal Fee

1st Year after initial registration	-	Rs. 12,500/=
2nd Year after initial registration period	-	Rs. 25,000/=
Continuation to another additional year under any circumstances	-	Rs. 100,000/=

Repeat Examination Fee

For entire semester	-	Rs. 2,500/=
For one subject	-	Rs. 1,000/=
Repeat Thesis Defence		
Viva-Voce Fee	-	Rs. 11,500/=

“The best view comes
after the hardest climb”

MASTER OF SCIENCE IN ELECTRICAL ENGINEERING



MASTER OF SCIENCE IN ELECTRICAL ENGINEERING

INTRODUCTION

Faculty of Graduate Studies in collaboration with the Department of Electrical, Electronics & Telecommunication Engineering offers MSc in Electrical Engineering programme. This postgraduate programme is conducted for a period of two years. The first year is dedicated for taught course modules and second year is for both taught modules and there search project. The programme covers advanced engineering concepts and theories, enabling them to concentrate on a specific field of electrical engineering.

The programme has been designed by a panel of senior academics and professionals from reputed universities/institutions in Sri Lanka, ensuring a high academic standard to facilitate participants to complete MSc in Electrical Engineering in accordance with the Sri Lankan Qualification Framework which is published by the Ministry of Higher Education. Moreover, it should be noted that its academic standard is equivalent to Sri Lanka Qualifying level 10.

Although electrical engineers can work in many fields, an engineer with just a bachelor's degree might only have exposure to the basic fundamentals of engineering. This limited knowledge restricts the scope of positions for which they qualify. To improve prospects, engineering professionals must pursue a master's level electrical engineering program. The MSc in Electrical Engineering programme provides a lot of opportunities for graduates to find employment in the fields of Automotive, Manufacturing, Energy, Construction, Power generation, Transmission, Distribution and to create their own individual career path.

OBJECTIVES

To produce high quality Electrical Engineering professionals who are capable of;

- Analyzing and solving complex engineering problems through a process of creative and innovative thinking,
- Planning and utilizing resources efficiently for sustainable development,
- Developing, conducting and managing engineering projects fulfilling national, social and environmental,
- Adapting to changing environments through self-learning and research, and
- Functioning as socially responsible senior professionals.

INTENDED LEARNING OUTCOMES

To produce Electrical Engineering professionals with the ability to,

- Investigate, analyze and solve complex problems in Electrical Engineering by applying knowledge of basic science, engineering fundamentals and in-depth technical competence,
- Function effectively as a leader or manager or as an effective team member in multi-disciplinary and multi-cultural teams contributing to the community at large,
- Evaluate the impact of professional solutions in societal and environmental context while adhering to engineering standards, practices and ethics, recognizing the need for sustainable development in designing engineering solutions for national and international requirements, and



- d. Engage in independent and lifelong learning in the context of technological changes.

ELIGIBILITY CRITERIA

Applicants satisfying ONE of the following requirements are eligible for admission:

- a. Degree of Bachelor of Science in Engineering of four-year duration of General Sir John Kotelawala Defence University (KDU) in a relevant field, or
- b. Degree of Bachelor of Science (Defence Studies) in a relevant field with a minimum of three years of appropriate experience as an Engineer as approved by the Dean, Faculty of Engineering, KDU, or
- c. A Bachelor of Science Degree (SLQF 6) in a relevant field from a recognized University; or
- d. Associate Membership or above of Institution of Engineers Sri Lanka (IESL) AND a minimum of one year of appropriate experience after obtaining such membership as approved by the Dean, Faculty of Engineering, KDU, or
- e. Associate Membership or above of a professional Engineering Institute recognized by Institution of Engineers Sri Lanka (IESL) AND a minimum of one year of appropriate experience after obtaining such membership as approved by the Dean, Faculty of Engineering, KDU.
- f. Any other Engineering Degree (SLQF 5) from a recognized university AND a minimum of one year of appropriate experience in

relevant field after obtaining such a degree, as may be approved by the Senate.

- g. A Higher Diploma (SLQF 4) in a relevant field with a minimum of three years of appropriate experience in a relevant field after obtaining such a higher diploma, as may be approved by the Senate.

COURSE SYLLABUS

The programme includes eleven (11) mandatory subject modules and five (05) optional subject modules. A credit is defined as having 15 hours of interactive classroom sessions or 30 to 45 hours of practical and other time work including assignments.

A take home assignment of 3000 words on a research question from all subject modules will be given.

A candidate is required to complete all 11 compulsory subject modules, the dissertation and 3 optional subject modules out of 5 subject modules.

PROGRAMME STRUCTURE

The programme is designed with 40 credits for PG diploma in the first year and additional 20 credit research project leading to MSc in second year. The classes are conducted on every other weekend of other than in public holidays from 0830 hrs to 1730 hrs.

LECTURER PANEL

1. Prof JP Karunadasa

PhD (Manch, UK), MSc (Manch, UK), BSc Eng (Moratuwa), CEng, MIE (Sri Lanka), MIEEE

2. Prof M Vithanage

PhD (Copenhagen, Denmark), MSc (Peradeniya), BSc Eng (Sabaragamuwa)

3. Prof WDAS Wijepala

MSc (Moratuwa), BSc (Moratuwa), FIE (Sri Lanka), CEng, Int Peng (Sri Lanka)

4. Prof KTMU Hemapala

PhD in Industrial Robotics (Geneva, Italy), BSc Eng (Moratuwa), C Eng, SMIEEE, MIE (Sri Lanka)

5. Prof B Jayasekara

PhD (Saga, Japan), MSc (Moratuwa), BSc Eng (Moratuwa)

6. Dr WDAS Rodrigo

PhD (HKUST), MSc (Moratuwa), BSc Eng (Moratuwa), SMIEEE, AMIE (Sri Lanka)

7. Dr WD Prasad

PhD (Manitoba, Canada), MPhil (Moratuwa), BSc Eng (Moratuwa), MIEEE

8. Dr Subodha Gunawardana

PhD (Waterloo, Canada), BSc Eng (Hons) (Moratuwa), M Eng (AIT, Thailand)

9. Dr RMKT Rathnayake

PhD (China), MSc (China), MSc (Sri Jayawardenapura), BSc Eng (Ruhuna)

10. Dr Janith Walpita

PhD (USA), Bsc (Sri Jayawardenapura)

11. Eng Capt (Rtd) SU Dampage

BSc (Hons) (EEEng), M Eng (E&T), C Eng, FIE

12. Dr B Hettige

MPhil (Moratuwa), BSc Eng (Sri Jayawardenapura)

13. Mr BNIFA Wickramasuriya

M Eng (AIT Thailand), BSc Eng (Moratuwa), PGD in Business Adm

14. Mr S Bogahawatta

M Eng (Moratuwa), MIESL, CEng





COURSE FEE STRUCTURE

Item	Amount (Full Time / Part Time)	
	Military/Police/MOD	Civil
Tuition Fee	Rs. 400,000.00	Rs. 400,000.00
Registration Fee (Initial Registration)	Rs. 4,000.00	Rs. 5,000.00
Library Fees	Rs. 2,000.00	Rs. 2,000.00
Refundable Library Deposit	Rs. 10,000.00	Rs. 10,000.00
Refundable Mess Deposit	Rs. 2,000.00	Rs. 2,000.00
Study Pack	Rs. 2,500.00	Rs. 2,500.00
Total	Rs. 420,500.00	Rs. 421,500.00

Registration Renewal Fee

1st Year after initial registration	-	Rs. 12,500/=
2nd Year after initial registration period	-	Rs. 25,000/=
Continuation to another additional year under any circumstances	-	Rs. 100,000/=

Repeat Examination Fee

For entire semester	-	Rs. 2,500/=
For one subject	-	Rs. 1,000/=
Repeat Thesis Defence		
Viva-Voce Fee	-	Rs. 11,500/=

“Nothing is given.
You have to work for it”

MASTER OF SCIENCE IN CIVIL AND STRUCTURAL ENGINEERING



MASTER OF SCIENCE IN CIVIL AND STRUCTURAL ENGINEERING

INTRODUCTION

Faculty of Graduate Studies in collaboration with the Department of Civil Engineering offers MSc in Civil and Structural Engineering programme. It was designed for graduates and professionals involved in the civil engineering, structural engineering and construction sectors who wish to deepen and broaden their technical knowledge and understanding in specialized areas of civil and structural engineering. The MSc in Civil and Structural Engineering programme provides the opportunity to practicing engineering professionals/academics to enhance their career prospects.

The programme includes advanced structural analysis and design as well as modules on advanced water and wastewater engineering; water resources engineering; highway and transportation engineering; geotechnical engineering; survey engineering and construction project management. It is also underpinned by research to expose graduate to a diverse range of areas related to civil and structural engineering.

OBJECTIVES

To produce high quality professional Civil Engineers who are capable of;

- Applying advanced engineering knowledge in the real-world problems within their chosen area.
- Planning and utilizing resources in an efficient, economical and environment friendly manner leading to sustainable development.
- Formulating optimum solutions for complex civil engineering problems with the use of mathematical models.

- Applying a broad range of multidisciplinary skills necessary to accomplish professional objectives in the dynamic technological world.
- Fostering the acquisition and implementation of a broad range of research and analytical skills related to Civil and Structural Engineering with the safety and sustainability of the structures as primary concerns.
- Evaluating the outcomes and impacts of complex civil engineering projects in order to adhere to the national, economic, social and environmental requirements.

INTENDED LEARNING OUTCOMES

On successful completion of this degree programme, the students will be able to,

- Analyze and solve complex problems in Civil Engineering by applying engineering fundamentals, appropriate techniques and modern engineering tools.
- Formulate and investigate engineering problems using research based knowledge and methods.
- Design systems or components to solve complex engineering problems as an individual or a member / leader in diverse teams.
- Assess societal, health, safety, legal, economic and environmental impacts of civil engineering projects with the aim of achieving sustainable development.
- Engage in independent and lifelong learning in order to effectively function as a professional in the dynamic environment of engineering and technology.



ELIGIBILITY CRITERIA

Applicants satisfying ONE of the following requirements are eligible for admission:

- a. Degree of Bachelor of Science in Engineering of four-year duration of General Sir John Kotelawala Defence University (KDU) in a relevant field, or
- b. Degree of Bachelor of Science (Defence Studies) in a relevant field with a minimum of three years of appropriate experience as an Engineer as approved by the Dean, Faculty of Engineering, KDU, or
- c. A Bachelor of Science Degree (SLQF 6) in a relevant field from a recognized University; or
- d. Associate Membership or above of Institution of Engineers Sri Lanka (IESL) AND a minimum of one year of appropriate experience after obtaining such membership as approved by the Dean, Faculty of Engineering, KDU, or
- e. Associate Membership or above of a professional Engineering Institute recognized by Institution of Engineers Sri Lanka (IESL) AND a minimum of one year of appropriate experience after obtaining such membership as approved by the Dean, Faculty of Engineering, KDU.
- f. Any other Engineering Degree (SLQF 5) from a recognized university AND a minimum of

one year of appropriate experience in relevant field after obtaining such a degree, as may be approved by the Senate.

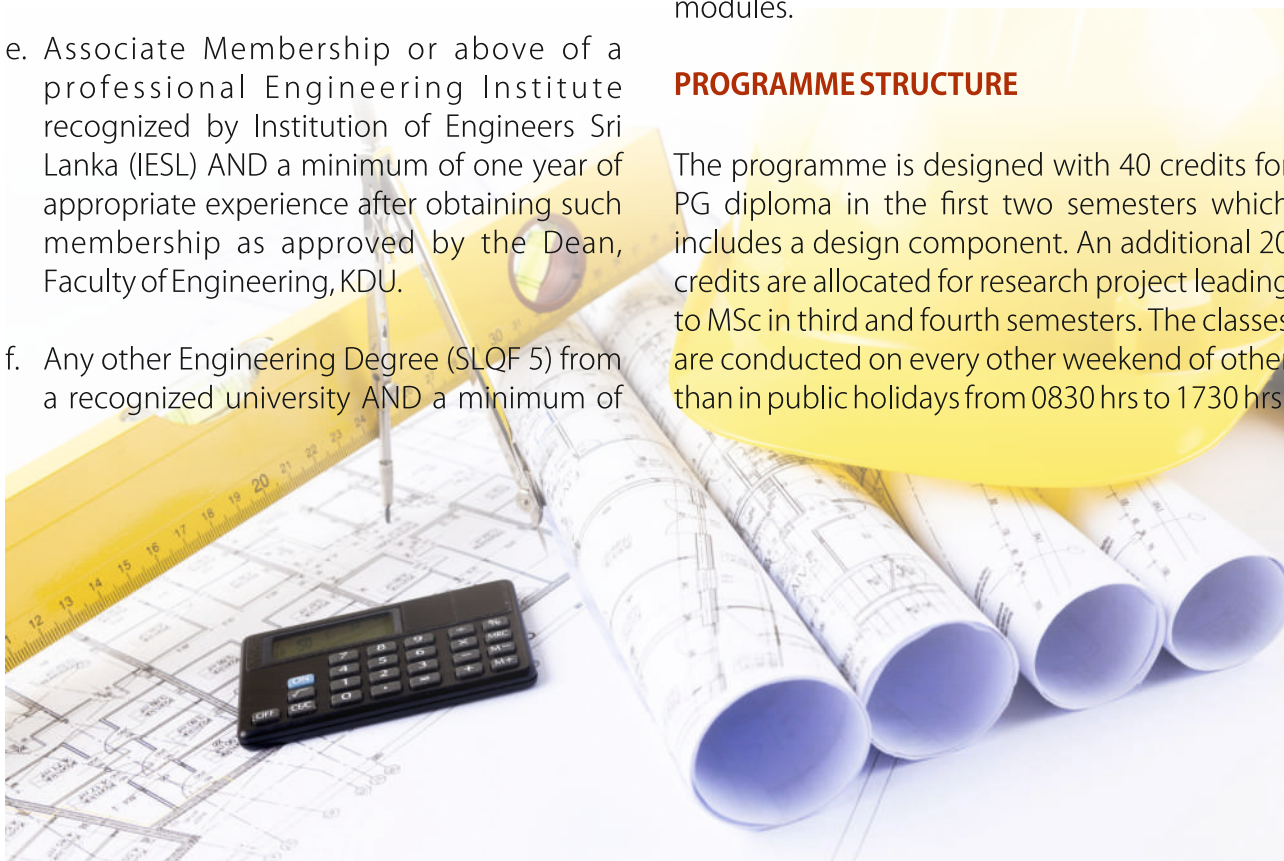
- g. A Higher Diploma (SLQF 4) in a relevant field with a minimum of three years of appropriate experience in a relevant field after obtaining such a higher diploma, as may be approved by the Senate.

COURSE SYLLABUS

The programme includes twenty (12) mandatory subject modules and eight (08) optional subject modules. A credit is defined as having 15 hours of interactive class room sessions or 30 to 45 hours of practical and other time work including assignments. A take home assignment of 3000 words on a research question from all subject modules will be given. A candidate is required to complete all 12 compulsory subject modules, the dissertation and 4 optional subject modules out of 8 subject modules.

PROGRAMME STRUCTURE

The programme is designed with 40 credits for PG diploma in the first two semesters which includes a design component. An additional 20 credits are allocated for research project leading to MSc in third and fourth semesters. The classes are conducted on every other weekend of other than in public holidays from 0830 hrs to 1730 hrs.



LECTURER PANEL

1. Prof SS Wickramasuriya

PhD (UNSW), BSc Eng (Moratuwa), CEng, MIE (Sri Lanka)

2. Prof I De Silva

PhD (ANU), MA (ANU), BDevS (Hons) (Colombo)

3. Dr (Mrs) WDCK Fernando

PhD (Moratuwa), M. Eng (Moratuwa), BSc Eng (First Class Honours) (Moratuwa), AMIE (Sri Lanka), SEDA (UK), CTHE (Colombo)

4. Dr HLDMAJ Samaranayake

PhD (Moratuwa), M. Eng in Highway and Traffic, BSc Eng (Moratuwa)

5. Dr AH Lakmal

PhD (LNTU, China), MSc in GIS & RS (Peradeniya), BSc (Hons) in Surveying Sciences (ISMD), MSISL, MIEEE

6. Dr (Ms) TWKIM Dias

PhD (Kansas, USA), MSc (Moratuwa), BSc Eng (Hons) (Moratuwa)

7. Dr (Mrs) N Sirirsoma

PhD (Moratuwa), BSc Eng (Hons) (Moratuwa), C. Eng, CMILT (UK), MITE (US), MIE (Sri Lanka)

8. Dr S Lewangamage

PhD (Tokyo), BSc Eng (Hons) (Moratuwa), M. Eng (Tokyo), C.Eng, MIE (Sri Lanka)

9. Dr PAK Karunananda

Dr Eng (Ehime), MPhil (Peradeniya), BSc Eng (Hons) (Peradeniya), M.Eng (Ehime)

10. Dr RU Halwatura

PhD (Moratuwa), BSc Eng (First Class Honours) (Moratuwa)

11. Dr TMRMB Samarakoon

PhD (Japan), M. Eng (AIT, Bangkok), BSc Eng (Civil Engineering) (Peradeniya)

12. Dr GGT Chaminda

PhD (Tokyo), M. Eng (AIT, Bangkok), BSc Eng (Hons) (Peradeniya)

13. Dr C Mallikaracchchi

PhD (Cambridge), BSc Eng (Moratuwa)

14. Eng R Sugathadasa

M. Eng (Moratuwa), MBA (Colombo), BSc Eng (Hons) (Moratuwa), MIE (SL), MILT (UK), CEng, PMP (USA)

15. Dr AJ Dammika

PhD (Japan), M. Eng (AIT, Bangkok), BSc Eng (Civil Engineering) (Peradeniya)

16. Eng BHJ Pushpakumara

Mphil Structural Eng (Ruhuna), MSc Eng (Ruhuna), MBA (Colombo), BSc Eng (Hons) (Moratuwa), MIE (Sri Lanka), MILT (UK), CEng, PMP (USA)





COURSE FEE STRUCTURE

Item	Amount (Full Time / Part Time)	
	Military/Police/MOD	Civil
Tuition Fee	Rs. 400,000.00	Rs. 400,000.00
Registration Fee (Initial Registration)	Rs. 4,000.00	Rs. 5,000.00
Library Fees	Rs. 2,000.00	Rs. 2,000.00
Refundable Library Deposit	Rs. 10,000.00	Rs. 10,000.00
Refundable Mess Deposit	Rs. 2,000.00	Rs. 2,000.00
Study Pack	Rs. 2,500.00	Rs. 2,500.00
Total	Rs. 420,500.00	Rs. 421,500.00

Registration Renewal Fee

1st Year after initial registration	-	Rs. 12,500/=
2nd Year after initial registration period	-	Rs. 25,000/=
Continuation to another additional year under any circumstances	-	Rs. 100,000/=

Repeat Examination Fee

For entire semester	-	Rs. 2,500/=
For one subject	-	Rs. 1,000/=
Repeat Thesis Defence		
Viva-Voce Fee	-	Rs. 11,500/=

“ Life has no remote
get up and change it yourself.”

**MASTER OF SCIENCE
IN ELECTRONICS AND
TELECOMMUNICATION
ENGINEERING**



MASTER OF SCIENCE IN ELECTRONICS AND TELECOMMUNICATION ENGINEERING

INTRODUCTION

Faculty of Graduate Studies in collaboration with the Department of Electrical, Electronics & Telecommunication Engineering offers MSc in Electronics and Telecommunication Engineering. This postgraduate programme is conducted on Saturdays and Sundays for a period of one/two years. The first year is dedicated for taught course module and second year is for the research project. The programme covers advanced topics in Electronics and Telecommunication Engineering.

Programme has been designed in accordance with the Sri Lankan Qualification Framework, published by the Ministry of Higher Education and its academic standard is equivalent to Sri Lanka Qualifying level 10. It has been designed by a panel of senior academics and professionals from reputed universities/institutions in Sri Lanka ensuring a high academic standard to facilitate participants to complete MSc in Electronics and Telecommunication Engineering Degree in two years whilst being employed. The medium of instructions is English, and all the lectures are webcast through the m-learning platform of FGS, KDU.

OBJECTIVES

To produce high quality Electronics and Telecommunication Engineering professionals who are capable of;

- Analyzing and solving complex engineering problems through a process of creative and innovative thinking,
- Planning and utilizing resources efficiently for sustainable development,

- Developing, conducting and managing engineering projects fulfilling national, social and environmental,
- Adapting to changing environment through self-learning and research,
- Functioning as a socially responsible senior professional.

INTENDED LEARNING OUTCOMES

To produce Electronics and Telecommunication Engineering professionals with the ability to,

- Investigate, analyze and solve complex problems in Electronics and Telecommunication Engineering by applying knowledge of basic science, engineering fundamentals and in-depth technical competence,
- Function effectively as a leader or manager or as an effective team member in multi-disciplinary and multi-cultural teams contributing to the community at large,
- Evaluate the impact of professional solutions in societal and environmental context while adhering to engineering standards, practices and ethics, recognizing the need for sustainable development in designing Engineering solutions for national and international requirements,
- Engage in independent and lifelong learning in the context of technological changes.

ELIGIBILITY CRITERIA

Applicants satisfying ONE of the following requirements are eligible for admission:

- Degree of Bachelor of Science in Engineering of four-year duration of General Sir John



- Kotelawala Defence University (KDU) in a relevant field, or
- b. Degree of Bachelor of Science (Defence Studies) in a relevant field with a minimum of three years of appropriate experience as an Engineer as approved by the Dean, Faculty of Engineering, KDU, or
 - c. A Bachelor of Science Degree (SLQF 6) in a relevant field from a recognized University; or
 - d. Associate Membership or above of Institution of Engineers Sri Lanka (IESL) AND a minimum of one year of appropriate experience after obtaining such membership as approved by the Dean, Faculty of Engineering, KDU, or
 - e. Associate Membership or above of a professional Engineering Institute recognized by Institution of Engineers Sri Lanka (IESL) AND a minimum of one year of appropriate experience after obtaining such membership as approved by the Dean, Faculty of Engineering, KDU.
 - f. Any other Engineering Degree (SLQF 5) from a recognized university AND a minimum of one year of appropriate experience in relevant field after obtaining such a degree, as may be approved by the Senate.
 - g. A Higher Diploma (SLQF 4) in a relevant field with a minimum of three years of appropriate experience in a relevant field after obtaining such a higher diploma, as may be approved by the Senate.

COURSE SYLLABUS

The programme includes eleven (11) mandatory subject modules and six (06) optional subject modules. A credit is defined as having 15 hours of interactive class room sessions or 30 to 45 hours of practical and other time work including assignments.

A take home assignment of 3000 words on a research question from all subject modules will be given.

A candidate is required to complete all 11 compulsory subject modules, the dissertation and 3 optional subject modules out of 6 subject modules.

PROGRAMME STRUCTURE

The programme is designed with 40 credits for the PG diploma in the first year and an additional 20 credits research project leading to MSc in second year. The classes are conducted on every other weekend of other than in public holidays from 0830 hrs to 1730 hrs.



LECTURER PANEL

1. Prof M Vithanage

PhD (Copenhagen, Denmark), MSc (Peradeniya), BSc Eng (Sabaragamuwa)

2. Prof WDAS Wijepala

MSc (Moratuwa), BSc (Moratuwa), FIE (Sri Lanka), CEng, Int Peng (Sri Lanka)

3. Dr RMKT Rathnayake

PhD (Wuhan, China), MSc (Wuhan, China), MSc (Sri Jayawardenapura) BSc Eng (Ruhuna)

4. Dr HH Samiru Gayan

PhD (Melbourne), MPhil (Moratuwa), BSc (Moratuwa)

5. Dr S Thayaparan

PhD (Hong Kong), BSc Eng (Moratuwa)

6. Dr WTLS Fernando

PhD (Nagaoka, Japan), MSC Eng (Nagaoka, Japan), BSc (Sri Jayawardenapura)

7. Eng Capt (Rtd) SU Dampage

BSc (Hons) (E Eng), M. Eng (E&T), C Eng, FIE

8. Mr YL Ganearachchi

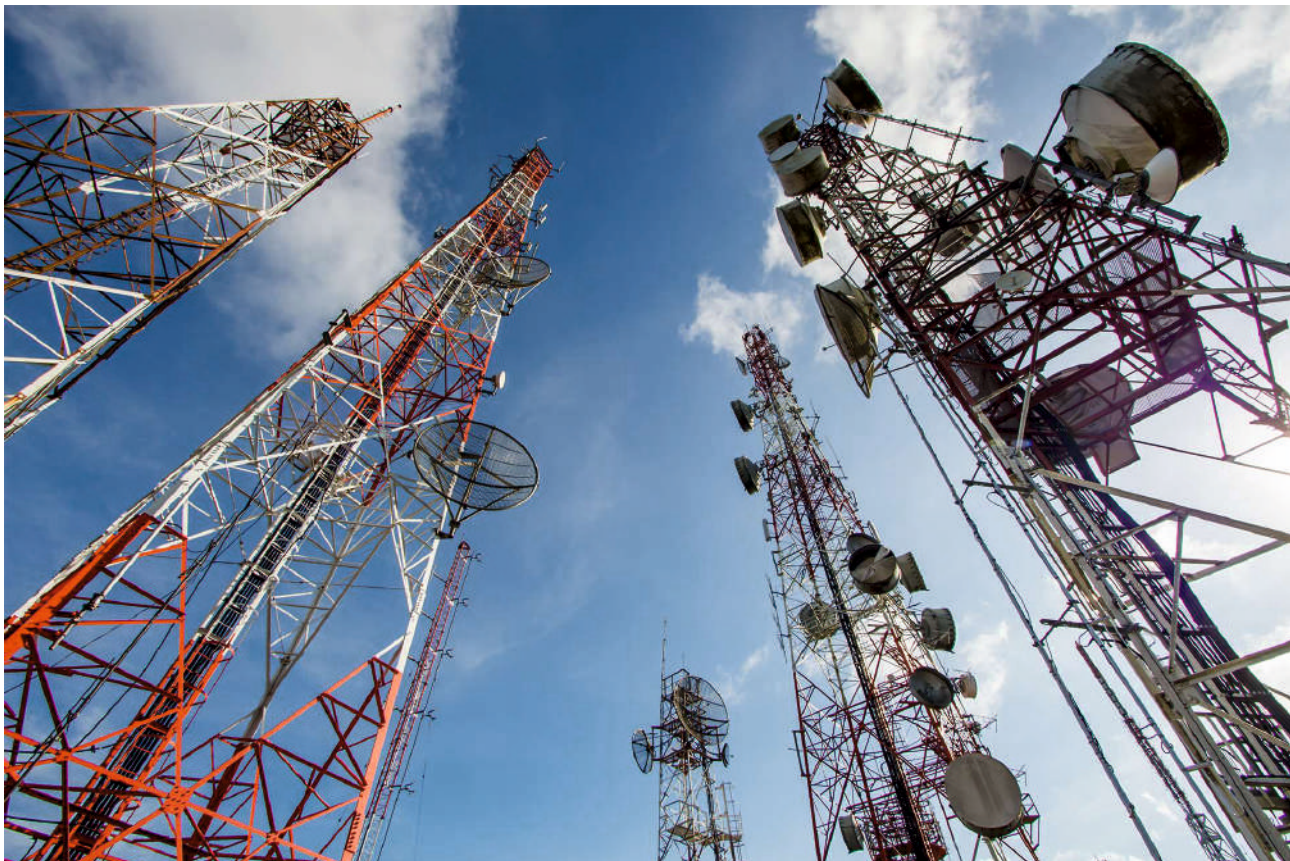
MBA (Sri Jayawardenapura), BSc Eng (Peradeniya)

9. Ms Dilanka De Silva

MBA (Cardiff Metropolitan, UK), BSc Eng (Moratuwa)

10. Mr MUM Imran

M. Eng (Australia), BSc Eng (Ruhuna)





COURSE FEE STRUCTURE

Item	Amount (Full Time / Part Time)	
	Military/Police/MOD	Civil
Tuition Fee	Rs. 400,000.00	Rs. 400,000.00
Registration Fee (Initial Registration)	Rs. 4,000.00	Rs. 5,000.00
Library Fees	Rs. 2,000.00	Rs. 2,000.00
Refundable Library Deposit	Rs. 10,000.00	Rs. 10,000.00
Refundable Mess Deposit	Rs. 2,000.00	Rs. 2,000.00
Study Pack	Rs. 2,500.00	Rs. 2,500.00
Total	Rs. 420,500.00	Rs. 421,500.00

Registration Renewal Fee

1st Year after initial registration	-	Rs. 12,500/=
2nd Year after initial registration period	-	Rs. 25,000/=
Continuation to another additional year under any circumstances	-	Rs. 100,000/=

Repeat Examination Fee

For entire semester	-	Rs. 2,500/=
For one subject	-	Rs. 1,000/=
Repeat Thesis Defence		
Viva-Voce Fee	-	Rs. 11,500/=

“With our thoughts,
we make the world.”

**MASTER OF SCIENCE IN
DISASTER RISK REDUCTION
AND DEVELOPMENT**



MASTER OF SCIENCE IN DISASTER RISK REDUCTION AND DEVELOPMENT

INTRODUCTION

MSc in Disaster Risk Reduction and Development at KDU is the first ever post graduate level programme commenced in Sri Lanka related to disaster risk reduction. This programme started in 2017 with the extensive support from University of York, UK, in developing the curriculum and the field work component. This MSc is designed to be compliant with the Sri Lanka Qualifications Framework (SLQF). Further, level of qualification of MSc (DRRD) is, Level 10 with 60 credits and we are now with the successful 5th batch of the programme.

MSc DRRD is unique because, it provides the MSc students with theoretical, practical, field and research exposure. The programme is conducted over four semesters on every other weekend at KDU for a duration of two years. Furthermore, taught course modules are designed to be covered in the first three semesters and the field work and research components are carried out in the fourth semester.

The Msc DRRD will train disaster, development and humanitarian workers to engage at policy and practice levels to promote disaster risk reduction mechanisms, strategies, programmes and policies that lead to sustainable development. It fosters and supports a socially engaged, intellectual environment that contributes concretely and substantively to successfully identify and respond to the social, political, economic, cultural and environmental challenges and opportunities in Sri Lanka.

OBJECTIVES

The programme is conducted with following objectives;

- To establish a Sri Lankan and South Asian community that actively contributes and leads the changing nature of DRRD.
- To improve the employability and career progression of graduates in the field of disaster and development.
- To offer a link from theory to practice with actual opportunities for teaching and learning in field sites.
- To connect disaster and development sectors to establish a field of study that establishes more effective and efficient policy and practice.
- To assist governing groups of the country to alleviate disaster issues in a prompt manner by improving human resources.

INTENDED LEARNING OUTCOMES

On successful completion of the MSc (DRRD), the students will be able to;

- demonstrate critical awareness of current issues in the area of disaster risk reduction and development.
- apply techniques relevant to disaster risk reduction and development.
- deal with complex issues related to disasters systematically and creatively.
- make sound judgments on the subject area of disaster risk reduction and development and communicate these decisions clearly to specialist and non-specialist groups.



- e. demonstrate self-direction and originality in tackling and solving problems related to disaster risk reduction and development.
- f. plan and implement tasks related to disaster risk reduction and development in a professional manner.

ELIGIBILITY CRITERIA

Eligibility criteria for MSc in DRRD Degree Programme are as follows:

- a. Graduate of a recognized university with a first class honors or a second upper pass in a 4-year special degree or
- b. Graduate of a recognized university with a second lower or a normal pass in a 4-year special degree with two (02) years' work experience or
- c. Graduate of a recognized university with a 3-year general degree with 1st or 2nd upper class degree with 1-year work experience or
- d. Graduate of a recognized university with a 3-year general degree with 3 years work experience or
- e. If he/she is a commissioned officer of the Tri services, he/she should be in the rank of Major/Lieutenant Commander/Squadron Leader or above, and in the case of applicant

from the SL Police he/she should be a gazetted Police Officer (ASP and above). or

- f. A commissioned officer or a Police Officer below the above ranks, with a basic degree can apply after 05 years of the effective date of the degree or
- g. Any other academic or professional qualification accepted by the Senate of KDU

COURSE SYLLABUS

Completion of SLQF level 10 meets the entry requirement to an MPhil degree in the same field of specialization. Early exit from this level is possible provided that the candidate has completed 40 credits (all the taught modules in semesters 1, 2 and 3). In such a situation, the qualification awarded shall be Postgraduate Diploma in the relevant field, which is at SLQF level 8.

PROGRAMME STRUCTURE

The proposed Msc will train disaster, development and humanitarian workers to engage at policy and practice levels to promote disaster risk reduction mechanisms, strategies, programmes and policies that lead to sustainable development. This MSc is designed to be compliant with the Sri Lanka Qualifications Framework (SLQF). The level of qualification of MSc (DRRD) is, Level 10 with 60 credits.



LECTURER PANEL

1. **Snr Prof P Hewage**

PhD (Ruhuna), MSc (London), MA (Colombo) PG Dip (London), BA (Hons) (Colombo)

2. **Prof Ayendra Balasooriya**

MD (Colombo)
Senior Lecturer, Faculty of Medicine, KDU

3. **Dr LS Liyanage**

PhD (Durham, UK), MA in Social Work Studies (Durham, UK), BA Special Degree in Psychology (2nd class upper division) (Peradeniya)

4. **Dr (Mrs) N Sirisoma**

PhD (Moratuwa)
Senior Lecturer, Faculty of Management, Social Sciences & Humanities, KDU

5. **Dr Gamini Jayatissa**

PhD (Institute of Geoscience, Germany)
Acting Director, Landslide Research and Risk Management Division (LRRMD), National Building Research Organization

6. **Dr Tamara Jayasundara**

PhD (American University, USA), MA (American University, USA), BA (Hons) (Peradeniya)

7. **Dr Buddika Hapuarachchi**

PhD (Lincoln University, New Zealand) PG Dip in Development Studies (Lincoln University, New Zealand) PG Dip in Marketing (United Kingdom) BSc (Hons) Agriculture (Peradeniya)

8. **Col Dr Saveen Semage**

MD (Colombo)
Deputy Director – SL Army Preventive Medicine & Mental Health Services

9. **Dr W Premarathne**

PhD (KDU)
Head of the Department (Management and Finance), Faculty of Management, Social Sciences & Humanities, KDU

10. **Dr Harinda Lakmal**

PhD (China)
Dean, Faculty of Built Environment & Spatial Sciences, KDU

11. **Dr UG Rajapakshe**

PhD (Kelaniya)
Senior Lecturer, Faculty of Management, Social Sciences & Humanities, KDU

12. **Dr WMGHA Premarathne**

PhD (Saga, Japan)
Senior Lecturer, Faculty of Management, Social Sciences & Humanities, KDU

13. **Dr Kalpana Ambepitiya**

PhD (China)
Senior Lecturer, Faculty of Management Social Sciences & Humanities, KDU

14. **Dr Chandana Siriwardana**

PhD (Calgary, Canada), MSc (Tokyo), BSc (Eng) (Hons)

15. **Dr Piyanuwana Perera**

PhD (UBC, Canada), MSc (Moratuwa), MBA (Sri Jayawardenapura), BSc (Eng)

16. **Ms Malini Herath**

MPhil (Civil Engineering), M. Tech (Environmental Engineering) (India)

17. **Ms Anoja Senevirathne**

MSc (ITC, Netherlands)
Director, Mitigation, Research & Development Division, Disaster Management Centre

18. **Mr Pradeep Kodippili**

MSc (Colombo)
Deputy Director, Early Warning, Disaster Management Centre

19. **Ms Isha Wedasinghe Miranda**

Independent Evaluation Consultant



COURSE FEE STRUCTURE

Item	Amount (Full Time / Part Time)	
	Military/Police/MOD	Civil
Tuition Fee	Rs. 300,000.00	Rs. 300,000.00
Registration Fee (Initial Registration)	Rs. 4,000.00	Rs. 5,000.00
Library Fees	Rs. 2,000.00	Rs. 2,000.00
Refundable Library Deposit	Rs. 10,000.00	Rs. 10,000.00
Refundable Mess Deposit	Rs. 2,000.00	Rs. 2,000.00
Study Pack	Rs. 2,500.00	Rs. 2,500.00
Total	Rs. 320,500.00	Rs. 321,500.00

Registration Renewal Fee

1st Year after initial registration	-	Rs. 12,500/=
2nd Year after initial registration period	-	Rs. 25,000/=
Continuation to another additional year under any circumstances	-	Rs. 100,000/=

Repeat Examination Fee

For entire semester	-	Rs. 2,500/=
For one subject	-	Rs. 1,000/=
Repeat Thesis Defence		
Viva-Voce Fee	-	Rs. 11,500/=

“Wisdom is better than strength.”

MASTER OF SCIENCE IN BIOMEDICAL ENGINEERING



MASTER OF SCIENCE IN BIOMEDICAL ENGINEERING

INTRODUCTION

Msc in Biomedical Engineering Degree is an interdisciplinary Programme, which has been designed to train graduates who are interested in applying modern engineering methods to understand, modify and control biological systems with the goal of improving health and quality of life. Today, understanding and overcoming health-related challenges requires multidisciplinary professionals who thrive in both biomedical and engineering environments. The curriculum of this programme has been designed to provide students with a good grasp of core contents of Biomedical engineering. Also, to foster logical and analytical thinking, independent study, self-motivation and communication skills, awareness of research and developments, and latest trends in the key areas of the field. Graduates of this programme enter the workforce with the knowledge and expertise needed to excel in specialties, including prosthetics, artificial organs, biometrics systems, medical devices manufacture, clinical engineering, rehabilitation, sport medicine, tissue engineering etc.

OBJECTIVES

Programme educational objectives describe the career and professional accomplishments and what the programme prepares graduates to achieve in the professional career. These are as follows.

- a. Demonstrate technical competence in designing engineering systems, processes, materials to solve complex engineering problems in the field of Biomedical Engineering.
- b. Function as effectively as a leader/member in a multidisciplinary team with effective communication skills, highest professional

and ethical standards, leadership, and teamwork skills.

- c. Demonstrate a thorough understanding of theoretical knowledge and critical awareness of current issues and recent developments in the area of biomedical engineering and/or area of professional practice.
- d. Demonstrate commitment to lifelong learning, professional development, self-direction, originality in problem solving and implementation of professional tasks by pursuing research and professional practices.

INTENDED LEARNING OUTCOMES

At the completion of the degree programme a student will be able to,

- a. Identify and apply knowledge of engineering sciences, medical sciences, mathematics, computer science, and biological sciences in solving complex biomedical engineering problems.
- b. Define the complexity of human biology and anatomy concerning biomedical engineering modelling.
- c. Investigate complex problems using research-based knowledge and research methods including design of experiments, analysis, and interpretation of data.
- d. Analyze complex biomedical engineering problems, and reach valid conclusions using knowledge of mathematics, natural sciences, and engineering sciences.
- e. Design solutions for biomedical engineering problems to meet specific needs with appropriate attitudes, values and considerations for public health, safety, cultural perspectives, ethical, societal, and environmental concerns.



- f. Use and apply appropriate techniques, resources, and modern tools, to complex biomedical engineering problems, with an understanding of the limitations
 - g. Apply ethical principles in biomedical engineering and commit to professional ethics and responsibilities and norms of biomedical engineering practice.
 - h. Function effectively as an individual, and as a member or leader in teams and multidisciplinary settings
 - i. Communicate effectively on complex biomedical engineering activities with the engineering and medical community and with society at large.
 - j. Demonstrate knowledge and skills in management & economic principles on decision-making, and apply them to own work, as a team member/leader in multidisciplinary environments.
 - k. Engage in independent and life-long learning in the broadest context of biomedical engineering technological advancements and continuous professional development.
- of Studies of Faculty of Graduate Studies at KDU.or
 - c. A Bachelor of Science Degree (SLQF 5) in a relevant field* from a recognized University; with minimum of three years of appropriate experience in relevant field after obtaining such a degree, as may be approved by the relevant Board of Studies of Faculty of Graduate Studies at KDU.or
 - d. Associate Membership or above of Institution of Engineers Sri Lanka (IESL) AND a minimum of three years of appropriate experience after obtaining such membership as approved by the relevant Board of Studies of Faculty of Graduate Studies at KDU.or
 - e. Associate Membership or above of a professional Engineering Institute recognized by Institution of Engineers Sri Lanka (IESL) AND a minimum of three years of appropriate experience after obtaining such membership as approved by the relevant Board of Studies of Faculty of Graduate Studies at KDU.or
 - f. A Higher Diploma (SLQF 4) in a relevant field with a minimum of five years of appropriate experience in a relevant field after obtaining such a higher diploma, as may be approved by the relevant Board of Studies of Faculty of Graduate Studies at KDU.or

ELIGIBILITY CRITERIA

Applicants satisfying the following requirements are eligible for admission:

- a. Degree of Bachelor of Science in Engineering, MBBS, Allied health sciences, Physics, Biological Sciences Computer science, Chemistry, Biochemistry of four-year duration or
- b. Degree of Bachelor of Science (Defence Studies) in a relevant field with a minimum of three years of appropriate experience as an Engineer as approved by the relevant Board
- g. A professional qualification equivalent to SLQF 6 or above of relevant field* as approved by the relevant Board of Studies of Faculty of Graduate Studies at KDU.or
- h. Completion of NVQ level 7 of relevant field* and minimum 5 years of experience in the relevant field* as approved by the relevant Board of Studies of Faculty of Graduate Studies at KDU.

COURSE SYLLABUS

The first and second semesters are composed of mandatory modules (30 GPA credits, 7 NGPA credits). This is followed by third semester of either elective modules and an individual project relevant to field of specialization; or an independent study with research project (15 GPA credits and 3 NGPA) and the thesis in the final semester (15 GPA Credits). This structure forms a coherent line of study and provides students with both the depth and breadth of knowledge needed to specialize in their field. In addition, candidates must be able to spend a considerable amount of time for self-studies, homework, assignments, field visits, discussions, guest lecturers etc., throughout the program.

PROGRAMME STRUCTURE

The MSc in Biomedical Engineering is a 2-year programme (60 GPS Credits, 10 NGPA Credits), structured in six fields of specialization, (Biomedical Engineering Bio medical implants and instrumentation, biomedical imaging and radiology, Biomedical Data Sciences, Orthotics & Prosthetic designing, Genome and Engineering Biology, Neural Engineering) where

independent study and research work is expected to interlace. The program is consisted with three exit points as postgraduate diploma (30 GPA credits; SLQF level 8), MSc by Course work (45 GPA credits; SLQF level 9) and MSc with research (60 GPA credits, SLQF level 10). Lectures and practical sessions are conducted on Saturdays (between 8.00 am to 5.30 pm) and Sundays (between 8.00 am to 5.30 pm) in Faculty of Graduate Studies, General Sir John Kotelawala Defence University. The lectures are also supplemented with online interactions via Moodle.

The first and second semesters are composed of mandatory modules (30 GPA credits, 7 NGPA credits). This is followed by third semester of either elective modules and an individual project relevant to field of specialization; or an independent study with research project (15 GPA credits and 3 NGPA) and the thesis in the final semester (15 GPA Credits). This structure forms a coherent line of study and provides students with both the depth and breadth of knowledge needed to specialize in their field. In addition, candidates must be able to spend a considerable amount of time for self-studies, homework, assignments, field visits, discussions, guest lecturers etc., throughout the program.





LECTURER PANEL

1. Prof Wimal Abeyewickreme

Ph.D (Medical Entomology, Liverpool), MSc (Tropical Medicine Bangkok), BSc (Applied Sciences, Hon), Diploma in Applied Parasitology and Entomology (D.A.P & E, Kuala Lumpur)

2. Dr LKDCR Karunathilaka

Senior Lecturer in Surgery, Consultant Orthopedic Surgeon
MCh (Trauma & Orth) EDIN (Edinburgh, UK) MRCS (The Royal College of Surgeons of England), MS surgery (Colombo) MBBS (Peradeniya)

3. Dr AD De Silva

Senior Lecturer
PhD (Pennsylvania State University College of Medicine, USA), B.S. (Truman State, USA)

4. Dr WDD De Silva

Senior Lecturer
MBBS (Sri Jayawardenapura), MD Surgery (Colombo), FRCS (England), Dip. Laparoscopic Surgery (Strasbourg)

5. Dr Nishantha Kumarasinghe

Senior Lecturer in Anatomy
PhD in Behavioural Sciences in Relation to Medicine (Newcastle, Australia), MBBS (Sri Jayawardenapura)

6. Dr TV Sanjeewanie

Senior Lecturer
MBBS, MD (Otorhinolaryngology), DOHNS (England)

7. Dr ME Balasooriya

Senior Lecturer
PhD (Colombo), MSc (Peradeniya), MBBS (Peradeniya), MD (Anaesthesiology), BSc (Peradeniya), MS (USA)

8. Lt Col (Dr) WMMS Bandara

Senior Lecturer in Biochemistry
PhD (Colombo), MSc (Peradeniya), MS (USA), BSc (Peradeniya)

9. Dr DSP Pullaperuma

Senior Lecturer
Consultant anesthetist
MBBS (Colombo), MD (Colombo), FRCA (UK)

10. Dr KDW Wijenayake

Senior Lecturer – Surgery
MBBS (Colombo), MS (Sri Lanka), MRCS (England)

11. Dr Pandula Athaudaarachchi

PhD (Cantab), MBBS (1st Class Hons), MRCP (UK), CCT (UK), FRCPG (UK), FRCPE (UK), FESC

12. Dr TI Withanawasam

MBBS, Diploma and MD (Transfusion Medicine)

13. Dr Anuji Upekshika Gamage

MD (Community Medicine) (Colombo), MSc (Community Medicine) (Colombo), MSc (Health Economics and Policy) (Australia), Grad. Cert in Economics (Australia), MBBS, FRSPH

14. Dr (Eng) TL Weerawardane

PhD (Mobile Communication), Master of Information & Communication Technology (Bremen, Germany), BSc (Hons) in Electrical Engineering (Moratuwa)

15. Dr KMGP Premadasa

Senior Lecturer
PhD (UK), MSc (UK), BSc (Peradeniya)

16. Dr PPCR Karunasekara

Senior Lecturer
PhD (Italy), MSc (Ireland), MSc (Netherlands), BSc (Moratuwa)

17. Dr SK Wijayasekara

PhD (CU, Thailand), MSc in Telecommunications (AIT, Thailand), BSc (Hons) in IT (SLIIT)

18. Dr RMPS Bandara

PhD, BSc Eng (Moratuwa), M. Eng (Moratuwa), AMIE (Sri Lanka)

19. Eng SU Dampage

MEng, BSc (E&E Eng) Hons

20. Capt (L) KK Dadallage RSP, USP, psc

MSc (EEng), BSc (Hons) EEng, CEng.MIE (Sri Lanka), CEng.MIE (India)

21. Mr Shehan Priyanga Fernando

MPhil. (Moratuwa), BSc Eng (Moratuwa)

22. Mr WLPK Wijesinghe (FoE) Lecturer (Probationary)

MSc in Applied Electronics (Colombo), BSc (Colombo)

23. Maj PWMK Perera Lecturer (Confirmed)

PhD (Reading) in HUST (China), MSc Molecular and Applied Microbiology (Peradeniya), BSc (Sp) in Applied Sciences (Sabaragamuwa)

24. Mr EHADK Hewadikaram (FoE)

Senior Lecturer – Grade II

MPhil (Colombo), MSc (USA), BSc (Colombo)

25. Ms PN Karunanayaka

Senior Lecturer

MSc (Moratuwa), BSc Eng (Moratuwa)

26. Ms ADP Perera

Senior Lecturer

MPhil (Peradeniya), MSc in Exercise & Sport Science (Peradeniya), BSc (Hons) (Colombo), CTHE (Certificate of Teaching in Higher Education) & PGCME (Post Graduate Certificate in Medical Education) (Colombo)

27. Dr (Ms) Vijitha Ramanathan

Senior Lecturer

PhD in Physics (Cape Town), MSc in Medical Physics (Peradeniya), BSc Hons in Physics (Jaffna)

28. Dr CB Ranaweera Senior Lecturer Grade II

PhD in Biochemistry (USA), MSc Molecular Medical Microbiology (UK), BSc (Hons) Biomedical Sciences (UK)

29. Dr Wasana Ediriarachchi

Senior Lecturer

PhD in Imaging Medicine (Tianjin), BSc (Hons) Radiography (Peradeniya)

30. Dr (Ms) Amila Abeysekara

Senior Lecturer

PhD in Chemistry (Kansas State, US), MSc (Sri Jayawardenapura), B.Pharm (Sri Jayawardenapura)

31. Mr ARN Silva

Senior Lecturer

Microbiology Reading PhD, MSc Medical Microbiology (UK), BSc Biomedical Sciences (UK)

32. Dr SP Senanayake

Senior Lecturer

PhD in Exercise Physiology (UK), MPH (Australia), BSc B.Med (Human Physiology) (Australia), CTHE (KDU)

33. Dr KDK Peshala Kumari

PhD in Biochemistry (Sri Jayawardenapura), BSc (Hons) Human Biology (Sri Jayawardenapura)

34. Dr (Ms) Thamarasi Senaratne

PhD, M.Sc (Medical Microbiology), BSc (Chemistry special with Biotechnology)





COURSE FEE STRUCTURE

Item	Amount (Full Time / Part Time)	
	Military/Police/MOD	Civil
Tuition Fee	Rs. 500,000.00	Rs. 500,000.00
Registration Fee (Initial Registration)	Rs. 4,000.00	Rs. 5,000.00
Library Fees	Rs. 2,000.00	Rs. 2,000.00
Refundable Library Deposit	Rs. 10,000.00	Rs. 10,000.00
Refundable Mess Deposit	Rs. 2,000.00	Rs. 2,000.00
Study Pack	Rs. 2,500.00	Rs. 2,500.00
Total	Rs. 520,500.00	Rs. 521,500.00

Registration Renewal Fee

1st Year after initial registration	-	Rs. 12,500/=
2nd Year after initial registration period	-	Rs. 25,000/=
Continuation to another additional year under any circumstances	-	Rs. 100,000/=

Repeat Examination Fee

For entire semester	-	Rs. 2,500/=
For one subject	-	Rs. 1,000/=
Repeat Thesis Defence		
Viva-Voce Fee	-	Rs. 11,500/=

How to Apply for Masters' Degree Programmes

A person who wishes to be a candidate of the MBA Programme shall make an application to the respective Service Commander / Inspector General of Police / Head of Department / Head of the Institution who will submit these applications to the Dean, Faculty of Graduate Studies with their recommendations. All applicants will be required to pass an aptitude test conducted by KDU.

“Education is the movement
from darkness to light.”

FACILITIES AND RESOURCES



FACILITIES AND RESOURCES

LIBRARY FACILITIES

1. Candidates who are registered in KDU to follow postgraduate degrees have access to library facilities at KDU. The Library enhances academic success by providing postgraduate students with access to high quality resources and services in aid of course work and researches. The prime role of the library is to provide a suitable learning environment and to facilitate a variety of resources in multiple disciplines/formats which enhance learning and research activities of the University.
2. The Library possesses a collection covering a vast area of knowledge in the Medical, Engineering, Economics, Management, Law, Geography and History. At present the library collection encompasses over 25000 books pertaining to various disciplines.
3. The KDU library provides excellent services such as inter library loan service, book reversion facilities and arrange membership in other libraries like British Council Library and American Centre Library and reference services for the betterment of the member.



4. Library provides following subscription databases and information networks to facilitate research activities of the University.

SUBSCRIPTION DATABASES

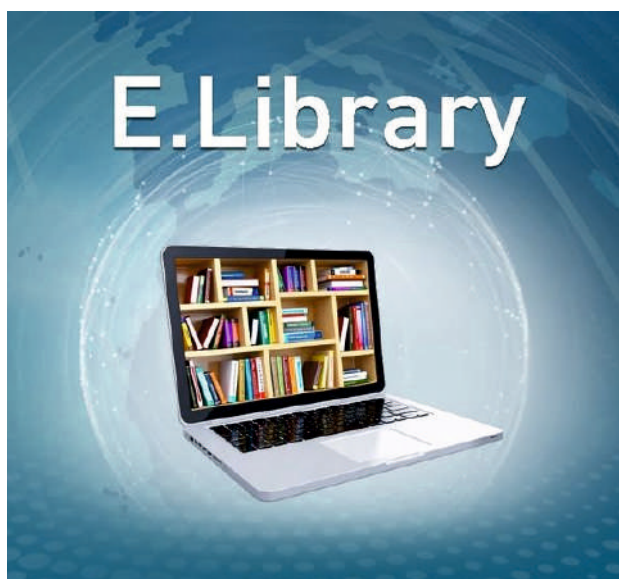
- Individual society Membership for Institute of Electrical & Electronic Engineering (IEEE)
- Hinari Research Database
- Britannica online Academic edition
- Jstor Research Database - Trial version
- Ebscohost

INFORMATION NETWORKS

- **HELLIS** – Health Literature Libraries and Information Services Network
- **SLSTINET** – Sri Lanka Scientific & Technical Information Net

E-LIBRARY FACILITY

FGS has provided e-Library facility for all post graduate students through their official email accounts, which is much useful for online studies especially during this pandemic situation. Further, KDU provides a variety of e-teaching and e-learning assistance and services to help them navigate, discover and evaluate the vast e-collections at Libraries and beyond.





M-LEARNING PLATFORM

With the enhancement in new technologies at KDU the Faculty of Graduate Studies has introduced new m-learning platform for post graduate students. This package is benefitting for students who are unable to participate class room lectures due to their personal and official commitments. They can connect themselves to the lecture from their working/ living place live through m-learning package.

INFRASTRUCTURE FACILITIES

Computer Laboratory



Examination Hall with 200 Seating Capacity



Modern Lecture Theaters with Different Seating Capacities





Modern Auditorium with 300 Seating Capacity



State of Art Conference Hall for Board Meetings



Suite Rooms



FOR CORRESPONDENCE

- Address

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+94-11-2632028

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- Staff Officer -FGS

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- FGS Fax Line

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- Bank Account Details

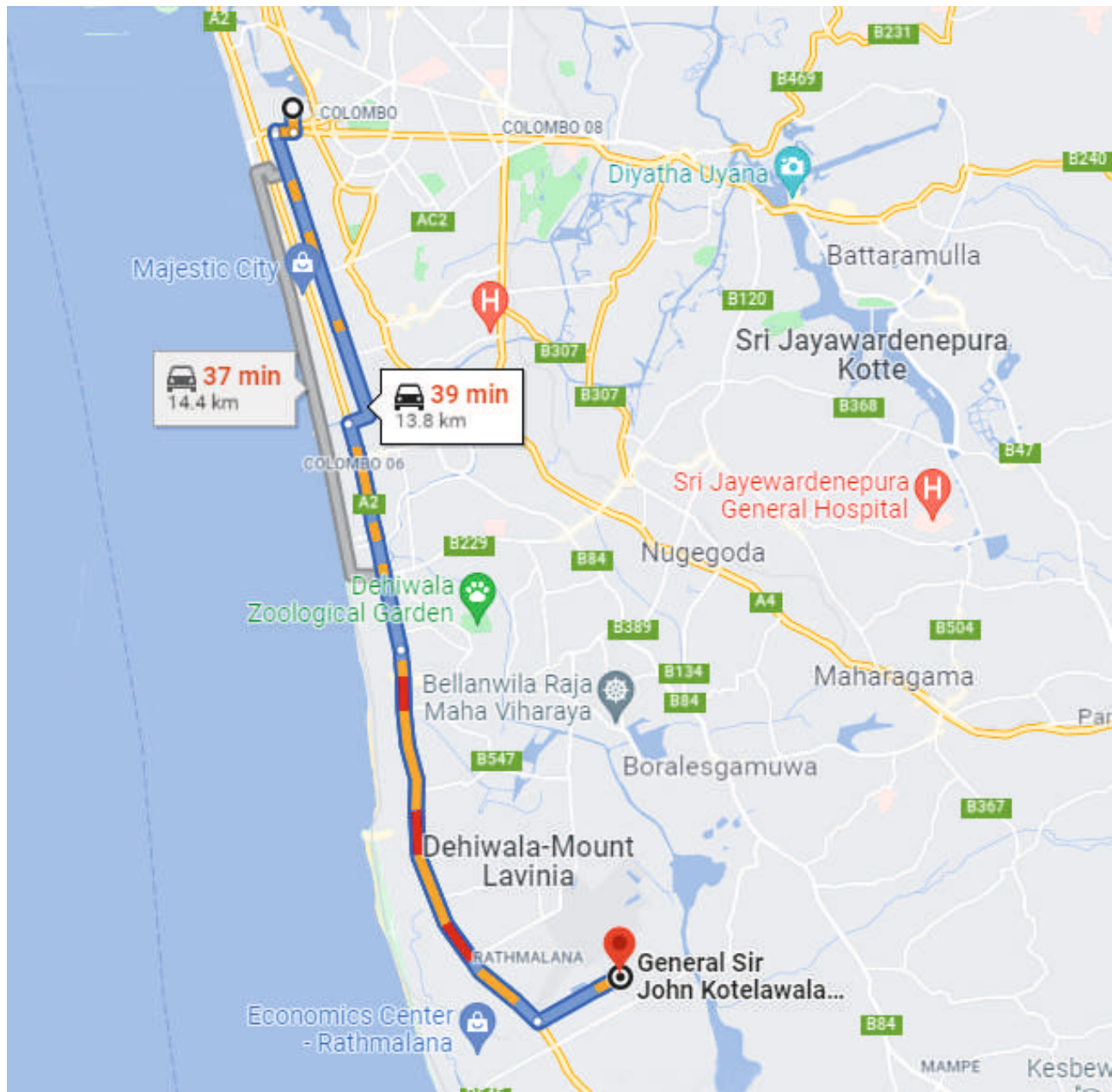
: Account Number - 0009405625
Bank of Ceylon - Idama Branch - Moratuwa

“ Education is the ability to listen
to almost anything without losing
your temper or your self-confidence.”

LOCATION & CONTACT DETAILS



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