

2021

Handbook for BSc in Management and  
Technical Sciences Degree Programme



**Department of Management and Finance**  
**General Sir John Kotelalwala Defence University**

**PO Box 32**

**Ratmalana**

**Sri Lanka**

[www.kdu.ac.lk](http://www.kdu.ac.lk)

# Handbook

for

## BSc in Management & Technical Sciences Degree Programme

January 2021

General Sir John Kotelawala Defence University

PO Box 32, Ratmalana, Sri Lanka

[www.kdu.ac.lk](http://www.kdu.ac.lk)

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## List of Abbreviations

KDU	- Kotelawala Defence University
FMSH	- Faculty of Management, Social Sciences and Humanities
BSc	-Bachelor of Science
MTS	-Management and Technical Sciences
BOM	- Board of Management
BOE	-Board of Exam
CILT	-Chartered Institute of Logistics and Transport
FDSS	-Faculty of Defence and Strategic Studies
GCE (A/L)	- General Certificate of Examination (Advanced Level)
GCE (O/L)	- General Certificate of Examination (Ordinary Level)
GPA	- Grade Point Average
GPV	- Grade Point Value
IELTS	- International English Language Testing System
TOFEL	- Test of English as a Foreign Language
HOD	- Head of the Department
SAT	- Scholastic Aptitude Test
NGPA	- Non-Grade Point Average
FGPA	- Final Grade Point Average
SGPA	- Semester Grade Point Average
YGPA	- Yearly Grade Point Average
MGPA	- Military Grade Point Average

## Revision Page

- 1<sup>st</sup> Revision      27<sup>th</sup> May 2019      By: MMLC Gunathilake, Lecturer, Department of Management and Finance, Faculty of Management, Social Sciences and Humanities, General Sir John Kotelawala Defence University
- 2<sup>nd</sup> Revision      27<sup>th</sup> Jan 2020      By: MMLC Gunathilake, Lecturer, Department of Management and Finance, Faculty of Management, Social Sciences and Humanities, General Sir John Kotelawala Defence University

## **University Vision**

To be a university nationally and internationally known for its unique ability to engage both undergraduate and graduate students in distinctive and interdisciplinary defence related higher education that best serves the tri-services, the state sector and society at large.

## **University Mission**

To ensure a high-quality, learner-centered educational experience through undergraduate, graduate, and professional programmes along with high quality research across many disciplines in the field of defence, in both residential and non-residential settings in the campus.

## **Faculty Mission**

To facilitate to accomplish the academic excellence in management, social sciences and humanities by offering lectures, research guidance and other learner centred educational activities to undergraduates, graduates and professionals in the field.

## Message from the Dean



As the Dean of the Faculty of Management, Social Sciences and Humanities, I warmly welcome the new batch of students, both officer cadets and day-scholars joining the degree programmes offered by the Department of Management and Finance of our Faculty.

While congratulating you all for being selected to join the prestigious Defence University for completing your dream of higher education, I earnestly request every one of you to spend the next couple of years of your life with a great deal of responsibility. Be determined to be fully dedicated to your role as a university student from the day one. Quickly learn the difference between school education and university education. Please remember that you will be reading for a degree at the university, and hence you need to spend more time for gathering knowledge through extra reading, discussions, projects and collective work with your colleagues.

The well-qualified lecturing panel of the Department will do their best to guide you through the curriculum, but it is your responsibility to grasp the necessary knowledge through hard and dedicated work. In this sense, it is also necessary for you to sharpen your English language and IT skills too. So, spend some extra time on them. Quickly identify your weaknesses and improve them as early as possible so that you will get good grades at exams.

Higher education is not just getting a degree certificate. You need to develop yourselves into responsible citizens or independent adults with intellectual skills to solve problems. In order to do so you must enhance your social skills. So, make use of diverse avenues and opportunities available at KDU for soft skill development such as sports, club activities, social and cultural events etc. as well whenever possible.

The current pandemic situation is a challenge for all of us. But KDU is resolute and determined to face the challenge, and as students of KDU, you too should be determined to find alternative paths to fulfill your requirements amidst challenges carefully taking all precautions to stay safe and healthy.

Finally, I wish all of you an enjoyable learning experience at KDU where you will develop yourselves into sound personalities with knowledge, skills and attitudes necessary to find lucrative employment and more so to become good citizens for the nation.

Kithsiri Amaratunga

Dean

Faculty of Management, Social Sciences and Humanities



## Message from the Head of the Department



The Department of Management and Finance at the Faculty of Management, Social Sciences and Humanities is one of the oldest departments at KDU. With over 15 full-time academics and a team of professional staff, we teach 400 undergraduate and 200 graduate students each year. Since its establishment, the department has secured itself an excellent reputation in classroom studies and research as well as in training in the fields of Logistics Management and Technical Sciences.

At the undergraduate level, we offer a very solid foundation in Logistics Management and Management and Technical Sciences. These courses in the department lead to BSc in Logistics Management and BSc in Management and Technical Sciences. BSc in Management and Technical Sciences is an innovative programme that combines the theoretical and empirical aspects of the studies in Management and Technical Sciences. BSc in Logistics Management programme provides specialist knowledge and develops competencies that students need to be able to carry out their future work in logistics well.

The department faculty is committed to providing the best learning environment possible and will support career success by ensuring that students learn the skills that are highly desired by employers. State-of-the-art facilities in the department will help to prepare the students to face complex management issues in the globally competitive and diverse business world and strive for excellence in all aspects. The department maintains a positive atmosphere between the students and the academic staff. The academic staff of the department has a strong commitment to producing high-quality research which influences the academic community and the industry. Whilst being an internationally renowned centre within its fields, the department is intensely engaged in maintaining a high level of excellence in teaching and research.

The students who are ambitious and enthusiastic about their future choose the Department of Management and Finance.

Dr. Wasantha Premarathne

Head – Department of Management and Finance

## **The University**

General Sir John Kotelawala Defence University (KDU) was initially established as the “General Sir John Kotelawala Defence Academy” by the Parliamentary Act No 68 of 1981 and subsequently elevated to University status by the Amendment Act No 27 of 1988. KDU is located at the Kandawala Estate in Ratmalana, which was donated by the late General Sir John Kotelawala. The faculties at KDU include the Defence and Strategic studies, Law, Management, Social Sciences and Humanities, Engineering, Faculty of Medicine, Allied Health Sciences and Graduate Studies. Currently, students entering to the Faculty of Medicine are enrolled as officer cadets as well as private foreign students. All the other faculties are open for defence and civil citizens as well as foreign students.

## **Faculty of Management Social Sciences & Humanities**

Faculty of Management, Social Sciences and Humanities has been established under the restructuring program of the General Sir John Kotelawala Defence University. It consists of three departments namely Department of Management and Finance, Department of Social Sciences and Department of Languages.

The Department of Management & Finance offers two degree programs namely BSc in Logistics Management, and BSc in Management & Technical Sciences. The Department of Social Sciences offers BSc in Social Sciences. Also there are more than 200 Undergraduates enrolled on the degree programmes offered by the faculty. Undergraduates study as officer cadets and day scholars in the same degree programme. The faculty has contributed a lot to brighten up the name of Sir John Kotelawala Defence University among other universities in the country.



# **Role and the Facilities of the Faculty of Management Social Sciences & Humanities**

The faculty renders support to smoothen the tensions in the student life by focusing on specific facets of the student life to successfully complete their undergraduate and post graduate qualifications. The unique facilities offered by the faculty are monitoring and reviewing the degree curricular to accomplish marketable competencies and venturing with highly reputed professional bodies to strengthen the academic programmes. The faculty maintains a state of the art language laboratory to enhance language competence of students. Also students may obtain counselling and career guidance.



The faculty provides academic supervision and guidance for students to carry out their research work. Research culture within the faculty enables students to present their research papers at the KDU annual international conference.

The final semester of all the degree programmes are dedicated to inculcate the undergraduates transferable skills. During the final year of the respective degree program, officer cadets undergo their military training while day scholars undergo their internship in the final semester. Every degree programme includes 21 weeks internship period with the intention of enhancing day scholars with versatile management skills and enriching them with the attributes of potential graduate employability. Prior to the undergraduates' internship, the career guidance unit which is established under the faculty, assists students to find suitable organizations in the industrial setting for their internship. Further, during their internship the career unit continuously monitors the students' performance and progression.

In addition, the faculty has broadened the educational avenues for wider array of interested parties and professionals in many other private and public institutions. At present, the faculty is

designing short courses, career courses and workshops for those institutions based on their demand. Moreover, inter faculty alliance in the university directs support for the students and staff to attend on the research workshops organized by other faculties to be a part of a solid academic network.

The faculty encourages and renders fullest support for undergraduates to engage in the extracurricular activities by directing them on inter university competitions, competitions organize by professional bodies (ex: CILT Young Professionals' Challenge). Furthermore, every student gets opportunities to pursue his or her talents in sports, photography, environmental consideration, community leadership and philanthropy. The Department of Languages under the faculty organizes an especial series of events for students to be competent in language in collaboration with Gavel and Toastmasters club.

## **The Department of Management & Finance**

The Department of Management and Finance, formulated under the Faculty of Management, Social Sciences and Humanities at Sir John Kotelawala Defence University has initiated several activities in leading and management, earning its' reputation by supporting to the growth of the current status of modern, international, green university. The current strength of the student numbers is growing with the potential of delivering upcoming diversified streams.

## **Academic and Non-academic Staff of the Department**

### **Head of the Department (HoD)**



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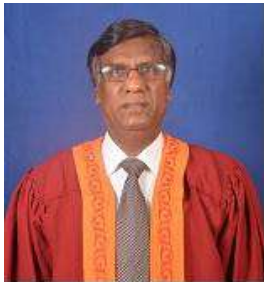
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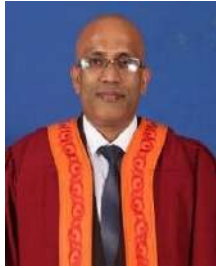


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## BSc in Management & Technical Sciences Degree Programme

### Aim

To develop a sound academic background among undergraduates to build confidence in resource utilisation and interpersonal relations in a work place by incorporating Management and Technical Sciences fields.

### Structure of the Programme

At the establishment phase, the degree was especially designed for military students. Tri forces commanders will be appointed from the officers who perform in executive branches of tri forces. This degree paves the path for cadets to enter into executive branches as officers once they have



completed their degree programme. At present this degree is modified with separate modules for day scholars to groom their competencies to serve in the industry. Technical modules will help them to improve the working skills in technical aspects. The day scholars with science background gain management skills and focus on the general management and operations management as per their wish to pursue their learning and career prospects.

Course Title : BSc in Management & Technical Sciences

Abbreviated Title : BSc (MTS)

Duration : 3 yrs.

Medium : English

### **Other activities for undergraduates**

- Industrial Internships
- Military training for officer cadets
- Research & Development
- Social Skill Development Project

### **Eligibility Criteria**

#### For Undergraduate Officer Cadetship

- Being a citizen of Sri Lanka
- Being between 18-22 years of age
- Being eligible to apply for the university admission
- GCE(O/L) English-Credit
- Being unmarried
- Satisfying minimum physical standards\*

<b>Item</b>	<b>Service</b>	<b>Male</b>	<b>Female</b>
<b>Height</b>	Army	5'6"	5'3"
	Navy	5'6"	5'3"
	Air Force	5'6"	5'4"

<b>Weight</b>	Army	50 kg	—
	Navy	50 kg	41 kg
	Air Force	17 < BMI < 26	17 < BMI < 25
<b>Chest</b>		32” (unexpanded)	—

\* Subject to revisions based on the military requirements

### For Day Scholars

- Being between 17-24 years of age
- Having a credit pass or above for English Language GCE (O/L) or London O/L
- Minimum of 3 simple passes at the GCE (A/L) examination in Mathematics or Science streams being qualified for university admission, or possess an equal qualification in London A/Ls (Cambridge or Edexcel) or any other equivalent qualification in foreign examination.

### Other Requirements

- a) Candidates who apply with High School Diplomas should have passes in SAT and TOFEL with a minimum score of 550 or IELTS with a minimum score of 6.5.
- b) The applicants who apply under the category of “any other foreign examinations or equivalent qualifications in University Entrance Examinations in any other country” are advised to have relevant minimum qualifications at any other foreign examination that is equal to GCE A/L in Sri Lanka. Validation should be obtained from the Department of Examinations of Sri Lanka. It is also required to submit a letter from a recognized university / academy / higher educational institutions of the country from which he/she has achieved his/her qualifications certifying that the relevant qualification is sufficient to register in that university / academy / higher educational institution to follow an undergraduate course of study leading to a Bachelor’s Degree.

### **Selection Criteria**

Candidates who have fulfilled the above qualifications shall be called for a written examination and those succeed at this examination will be called for an interview. The final selection will be on the merit basis.

# Academic Procedures and Regulations

## The Course Units System

### GPA Course Units

GPA Course Units are those Course Units that have GPA credits. Such Course Units are considered for the calculation of Semester Grade Point Average (SGPA), Yearly Grade Point Average (YGPA) and Final Grade Point average (FGPA).

### NGPA Course Units

NGPA Course Units are those Course Units that have Non-Grade Point Average (NGPA) credits. Such Course Units are not considered for the calculation of SGPA, YGPA and FGPA.

### MGPA Course Units

MGPA Course Units are those Course Units that have Military Grade Point Average (MGPA) credits. Such Course Units are considered for the calculation of SGPA, YGPA and FGPA.

## Grades and Grade Point Values of Course Units

Student performance is graded on a 12-point scale ranging from A+ to E as depicted below.

Marks	Grade	GPV
85 – 100	A+	4.20
75 – 84	A	4.00
70 – 74	A-	3.70
65 – 69	B+	3.30
60 – 64	B	3.00
55 – 59	B-	2.70
50 – 54	C+	2.30
45 – 49	C	2.00
40 – 44	C-	1.70

35 – 39	D+	1.30
30 – 34	D	1.00
00 - 29	E	0.00

Incomplete examination results will be denoted by the following abbreviations.

IA- Incomplete Assessments

IE- Incomplete Examination

IB- Incomplete both

AB – Absent for a course unit

Ex- Excused on a valid reason

### Grade Point Average (GPA)

The GPA is the credit weighted average of the grade points of value of all Course Units except NGPA Course Units taken in the degree programme. It is calculated for each semester (SGPA), for each year (YGPA) and for the entire degree programme (FGPA).

Index	Meaning	Purpose
SGPA	Cumulative GPA for a semester	To ascertain whether a student has or has not completed a particular semester
YGPA	Cumulative GPA for a year	To Ascertain whether a student can proceed to the following year without being relegated
FGPA	Cumulative GPA for a year entire period of a degree programme	To ascertain the overall performance of a student in the degree programme, i.e. to determine a Pass, a 2 <sup>nd</sup> Lower, a 2 <sup>nd</sup> Upper or a 1 <sup>st</sup> Class

The GPA is calculated as follows.

$$GPA = \frac{\sum X_i Y_i}{\sum Y_i}$$

Where  $X_i$  = Grade Point Value of the  $i^{\text{th}}$  Course Unit

$Y_i$  = Number of credits in the  $i^{\text{th}}$  Course Unit

### Calculating Semester Grade Point Average (SGPA)

$$SGPA = \frac{\sum \text{Grade Point scored for } i^{\text{th}} \text{ course unit} \times \text{Credit Value of the Course Unit}}{\text{Cumulative credit value of all GPA modules of the semester}}$$

The following is an example of the process of calculation of SGPA (Semester 1) of a Social Sciences student.

Course unit Code	Unit title	Course type	Letter Grade earned	Earned GPV	Credit value	Earned GPV*Credit value
SS1013	Introduction to Sociology	GPA	A-	3.70	03	11.10
SS1023	Elementary Economics	GPA	B	3.00	03	09.00
SS1033	Fundamentals of Management	GPA	B	3.00	03	09.00
SS1043	Fundamentals	GPA	A+	4.20	03	12.60

	of Human Geography					
MA1073	Basic Mathematics	GPA	B+	3.30	03	09.90
SS1052	History of Sri Lanka	GPA	C	2.00	02	04.00
IT1052	Introduction to Information Communication Technology (ICT)	GPA	D	1.00	02	02.00
DL 1091	English Basic Study Skills	GPA	B+	3.30	01	03.30
<b>TOTAL</b>					20	60.90

$$\text{SGPA} = \frac{\text{Total Credit Points earned}}{\text{Total No. of Credits}} = \frac{60.90}{20} = \mathbf{3.045}$$

### Calculating Yearly Grade Point Average (YGPA)

The Year GPA for a degree programme will be calculated for the fourth decimal place on the completion of two main semesters and the mid semester (if available) as follows

$$\text{YGPA} = \frac{\sum \text{Grade Point scored for } i^{\text{th}} \text{ course unit} \times \text{Credit Value of the Course Unit}}{\text{Cumulative credit value of all GPA modules of the Year}}$$

### Calculating Final Grade Point average (FGPA)

The Final GPA for a degree programme will be calculated for the fourth decimal place on the completion of all requirements for such programmes as follows:

$$\text{FGPA} = \frac{\sum \text{Grade Point scored for } i^{\text{th}} \text{ course unit} \times \text{Credit Value of the Course Unit}}{\text{Cumulative credit value of all GPA modules of the degree programme}}$$

## **Criteria for Completing a Semester**

### **Passing a semester**

A student shall satisfy the following minimum requirements for the purpose of completing (passing) a particular semester. He/she should:

1. Obtain a SGPA of 2.0 or above for the whole semester,
2. Obtain a 'C' grade or above for all Course Units. However, not more than one GPA Course Unit with a 'D+' or a 'C-' grade shall be permitted per semester provided the SGPA is 2.00 or above.
3. Military course units which comprise of MGPA and courses conducted in respective military academies will be subject to the By-laws of FDSS (Please refer to By-laws promulgated by the FDSS).

## **Discontinuing a Student**

### **Discontinuation from a Programme/s**

A student shall be deemed to have discontinued from a degree programme at the University under following conditions.

- a) When a student has been unable to complete the degree programme within six (6) years or twelve (12) consecutive semesters (the maximum period).
- b) If a student has been determined to be unfit to continue his/her studies at the University by a competent medical board recommended by the University on account of an illness and/or a disability that has occurred after the enlistment of such student to the University, he/she shall have to discontinue his/her degree programme at the University automatically without paying compensation.

- c) In the case of officer cadets and Commissioned Officers the regulations of the By-laws are subject to the By-laws of the FDSS.

## Award of the Degree

### Criteria for Award

1. Satisfaction of the requirements for the completion of all semesters of the Degree Programme.
2. Fulfilment of the criteria for completing the examinations within the maximum stipulated time period for each degree programme from the date of the commencement of the Semester 1
3. Earning a GPA of not less than 2.00 for each semester and for the entire degree programme
4. Following a programme of study for the minimum stipulated period of time
5. Not having any E grades
6. Not having more than one GPA Course Unit with a 'D+' or a 'C-' grade in a semester
7. Not having a Grade less than 'C' for NGPA modules
8. Successfully completing the FGPA modules.

### Award of Classes

1. Awarding of classes shall be determined at the completion of all requirements for graduation within the minimum time period stipulated for each degree programme. The stipulated time period is four (04) years.
2. Classes shall be awarded based on the FGPA as indicated below

<i>FGPA</i>	<i>Result</i>
3.70 – 4.20	First Class
3.30 – 3.69	Second Class (Upper Division)
3.00 – 3.29	Second Class (Lower Division)
2.00 – 2.99	Pass



## **First Class**

For the award of a First Class, a student shall:

- a) Have completed all the requirements within 6 semesters in the case of MTS Degree, except upon approvals granted by the BOM on the recommendation of the BOE for a valid and accepted reason(s).  
and
- b) have earned a GPA of not less than 3.70 for the entire Degree Programme  
and
- c) not have earned any failure grades (i.e.E)  
and
- d) not have earned grades below C for the entire Degree Programme at the time of finalizing the awarding of classes  
and
- e) not have earned a grade below “B+”(65%) in the last year examination in military training at respective Military Academies.

## **Second Class (Upper Division)**

For the award of a Second Class (Upper Division), a student shall:

- a) have completed all the requirements within 6 semesters in the case of MTS Degree, except upon approvals granted by the BOM on the recommendation of the BOE for a valid and accepted reason(s);  
and
- b) have earned a GPA of not less than 3.30 for the entire Degree Programme;  
and
- c) not have earned any failure grades (i.e.E)  
and
- d) not have earned a grade below “B” (60%) in the last year examination in military training at respective Military Academies.

## **Second Class (Lower Division)**

For the award of a Second Class (Lower Division), a student shall:

- a) have completed all the requirements within 6 semesters in the case of MTS Degree, except upon approvals granted by the BOM on the recommendation of the BOE for a valid and accepted reason(s).  
and
- b) have earned a GPA of not less than 3.00 for the entire Degree Programme  
and
- c) not have earned any failure grades (i.e.E)  
and
- d) not have earned a grade below “B” (60%) in the last year examination in military training at respective Military Academies.

## **Merit Awards**

Students obtaining the highest FGPA in Military Studies and/or Academic Studies shall be entitled for the respective Awards/Medals/Trophies of merit.

## **Awards/Medals/Trophies**

The Awards/Trophies to which students may be eligible on the recommendation of relevant authorities and the approval of the BOM are:

- i. Trophy for the First in Order of Merit awarded by Gen. SC Ranatunga VSV, USP, psc.
- ii. Best officer cadet Army/Navy/Air Force
- iii. Trophy for the best overall performance in Academic Studies – Logistics Management Stream.
- iv. Trophy for the best overall performance in Academic Studies – Management & Technical Sciences Stream
- v. Trophy for the best Sportsman awarded by the KDU

## Credit Distribution(MTS)

Credit allocations for modules have been done according to the Qualifications Framework of University Grants Commission of Sri Lanka. One credit is equivalent to 15 hours of lectures or 30-45 hours of laboratory studies or 45 hours of field studies/clinical work or minimum of 90 hours of industrial training. Cadets are supposed to earn Military Credits in addition to the GPA credits of the programmes. Non GPA (NGPA) modules will not be considered for the final GPA of the student. However, students must pass the NGPA modules with minimum C pass. Credit Allocation of the degree programme is as follows.

<b>Semester</b>	<b>GPA</b>	<b>NGPA</b>	<b>MGPA</b>
Semester I	21	2	4
Semester II	21	2	2
Semester III	21	2	6
Semester IV	21	1	4
Semester V	21	-	21
Semester VI	15	-	15
<b>Total</b>	<b>120</b>	<b>07</b>	<b>52</b>

## MTS Semester Module Allocation

### Semester 1

<b>Course Code</b>	<b>Subject</b>	<b>GPA Credits</b>	<b>NGPA Credits</b>	<b>MGPA Credits</b>
MG 1113	Principles of Management	3		
MT 1113	Legal Environment	3		

IT 1182	Introduction to Information Communication Technology (ICT)		2	
LT 1111	English: Basic Study Skills (MTS)	1		
EN 1113	Basic Electrical Technology	3		
MT 1123	Chemistry	3		
MT 1133	Mathematics	3		
MT 1143	Principles of Financial Accounting	3		
EN 1122	Basic Engineering	2		
MS 1114	Military Studies-I			4
	<b>Total</b>	<b>21</b>	<b>2</b>	<b>4</b>

## Semester 2

Course Code	Subject	GPA Credits	NGPA Credits	MGPA Credits
MG 1213	Human Resource Management	3		
MG 1223	Disaster Management	3		
MT 1213	Cost & Management Accounting	3		
MG 1232	International Relations		2	
LT 1211	English: Advanced Study Skills (MTS)	1		
MT 1223	Business Statistics	3		
MA 1212	Basic Calculus	2		
MT 1233	Applied Chemistry & Explosives <u>or</u>	3		
MT 1243	Waste Management			
EN 1213	Basic Electronics <u>or</u>	3		
MT 1263	Energy Conservation			
MS 1214	Military Studies-II			4
	<b>Total</b>	<b>21</b>	<b>2</b>	<b>4</b>

### Semester 3

<b>Course Code</b>	<b>Subject</b>	<b>GPA Credits</b>	<b>NGPA Credits</b>	<b>MGPA Credits</b>
MG 2113	Research Methodology	3		
MG 2123	Operations Research	3		
MG 2133	Entrepreneurship Development	3		
MT 2113	Economics for Management	3		
MT 2123	Commercial Law	3		
SS 2192	Counselling and Basic Psychology		2	
LT 2111	English: Writing and Speaking Skills (MTS)	1		
MT 2133	Marketing Management	3		
MT 2142	Physics	2		
MS 2112	Strategic and Defence Studies			2
MS 2124	Military Studies-III			4
	<b>Total</b>	<b>21</b>	<b>2</b>	<b>6</b>

## Mid Semester I

<b>Course Code</b>	<b>Subject</b>	<b>GPA Credits</b>	<b>NGPA Credits</b>	<b>MGPA Credits</b>
	Research Project <u>OR</u>			
	Presentation Skills Development Project			

Other Activities during the Mid Semester I: Industrial Visits.

## Semester 4

Course Code	Subject	GPA Credits	NGPA Credits	MGPA Credits
MG 2213	Project Management	3		
MT 2213	Introduction to Petroleum Engineering	3		
MG 2225	Research Project	5		
MT 2223	Organizational Behaviour	3		
MT 2233	Management Information Systems	3		
LT 2211	English: Research Writing Skills	1		
DM 2221	Sinhala: Basics for Beginners <u>or</u>			
DM 2231	Tamil: Basics for Beginners		1	
MT 2243	Advanced Physics	3		
MS 2214	Military Studies-IV			4
	<b>Total</b>	<b>21</b>	<b>1</b>	<b>4</b>



## Semester 5

<b>Course Code</b>	<b>Subject</b>	<b>GPA Credits</b>	<b>NGPA Credits</b>	<b>MGPA Credits</b>
MG 3113	Strategic Management	3		
MG 3123	Risk Management	3		
MG 3133	Ethics & Corporate Governance	3		
MG 3143	Production & Operations Management	3		
MG 3153	Quality Management	3		
SS 3133	International Trade and Finance	3		
MG 3163	E-Commerce	3		
	<b>Total</b>	<b>21</b>		
	Military Training (Officer Cadets Only)			21

## Mid Semester II

Course Code	Subject	GPA Credits	NGPA Credits	MGPA Credits
	Logistics Day			
	Career Development Programmes			

Other activities during the Mid Semester II: Research Project Evaluation

## Semester 6

Course Code	Subject	GPA Credits	NGPA Credits	MGPA Credits
<u>Cadet Officers</u>				
	Advanced Military Training			15
<u>Day Scholars – 6 Months Industrial Training</u>				
MG 3219	Industrial Training	9		
MG 3226	Industrial Project Report	6		
	<b>Total</b>	<b>15</b>		<b>15</b>

## **The Military Training Programme**

The military training program is a compulsory component for all medical students who are officer cadets and is run parallel to the medical curriculum. This program is conducted by the Faculty of Defence Studies and enables officer cadets to confidently assume the responsibilities of commissioned officers of the armed forces.

The Department of Defence Studies is under the guidance of the Dean of Faculty of Defence Studies who is assisted by Squadron Commanders in charge of each intake and Troop Commanders in charge of each troop. These officers with the assistance of the other rank instructors impart the essential military knowledge both in the classroom and on the field to the officer cadets. The main components of military training include joint staff duties, leadership studies, land warfare, maritime warfare, air warfare, physical training, drill, weapon training, field craft, map reading, service writing and other methods of instructions which are crucial for the profession of arms.

Furthermore, an integral aim of military training is to inculcate discipline amongst the officer cadets. Diverse programmes are conducted to produce highly disciplined officers with high standards of integrity and loyalty.

## **Additional academic related activities**

### **KDU Young Entrepreneurs**

This concept was developed with multiple objectives; motivate, evaluate and empower undergraduates with their creativity and innovation skills in business of undergraduates. For the first time ever in the history of KDU, undergraduates of intake 30 in Logistics Management and Management & Technical Sciences were given a group assignment to generate a new business idea and exhibit it in the event called “KDU Young Entrepreneurs”. The students’ efforts are evaluated by panel of judges who select the best business idea. Finally, students prepared a complete business plan based on the ideas exhibited.

## **Opportunities for Higher Studies for the MTS Graduates**

BSc in Management and Technical Sciences degree programme will provide the undergraduate an insight into the theoretical and practical dimensions of organizations and management and the changing external environment in which they operate. By tracing the roots of the subjects in the management, and putting that into the context of modern business and current organizations, the undergraduates will develop a deep understanding and appreciation of the complexity and diversity of management processes in the competitive environment.

Students will acquire a wide-range of transferable skills, including: self-reflection, self-management and self-awareness; critical thinking, problem solving and interpretive skills; effective written and oral communication. Further, by using technical sciences in business applications, numeracy, quantitative skills and the ability to conduct research into business and management issues. After the completion of BSc in MTS degree, the graduates can select any postgraduate programme leads to Management field in any recognized university since the degree programme covers many of the management related subject modules.

## **Career Opportunities**

Graduates find themselves working in a range of areas, including but not limited to human resources, management consultancy, and start up enterprises, marketing, operations and technology management. While day scholars focusing on a career based in industry and the public sector MTS graduate officers will occupy in Sri Lanka Army, Sri Lanka Navy and Sri Lanka Air force executive branches.

## **KDU Facilities**

### **The Library**

General Sir John Kotelawala Defence University Library is an integral part of the professional development of all its users, and it supports the vision and mission of the university. The prime role of the library is to provide a suitable environment and to facilitate a variety of resources in multiple formats which enhance teaching, learning and research activities of the university.



### **Language Laboratories**

There are two language laboratories of the faculty maintained under the Department of Languages. One of them is Level III Laboratory which mainly focus on listening and speaking skills. Students are given audio taped materials to improve their listening skills. Main benefit of this level III laboratory provides an opportunity for students to record and listen to their own speech. of Languages.



### **IT Facilities**

The university provides free wifi, computer lab facility and technical support for all the students and the staff of the university. The Computer Lab and the IT Support Centre is located on the second floor of the Academic Wing of the university. The students have the access to IT laboratory and the IT Support Centre from 0800 hrs to 1600 hrs on weekdays.





### **Medical Facilities**

KDU Hospital and the University Medical Centre Students provides necessary health care facilities for both Officer Cadets and Day-scholars. Most importantly, the university Medical Officer has the sole authority to issue medical certificates for students.

### **Cafeteria Facilities**

The university cafeteria located in the ground floor of the Medical Faculty building caters to the to the day-scholars and civil staff of the university. In addition to that the student can buy their snacks and other shop items from the Honour Shop situated in front of the Cadet Mess building.



### **Other Facilities**

#### **Gymnasium**



#### **Swimming Pool**



## Playground



## Tennis Ground



## Transportation



## Free Wifi



## Contact Information

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**General Sir John Kotelawala Defence University**

*'For the Motherland Forever'*