

# General Sir John Kotelawala Defence University Sri Lanka

This is to certify that

## Tharaka Madushanka Basnayaka

was admitted to the Degree

True Copy

of

### Bachelor of Science in Engineering

with Second Class Lower Division

at the

#### **CONVOCATION**

held in Colombo on the 12th day of December, 2017

Witness our hands this twelfth day of December in the year Two Thousand and Seventeen

BMKK Basnayake RWP, RSP, psc c(DS)Mgt, MDS, BSc(DS)Mech Eng. MIM(SL) Captain (G) Acting Registrar General Sir John Kotelawala Defence University - Ratmalana.

Rear Admiral JJ Ranasinghe USP psc MSc(DS)Mgt

Vice Chancellor

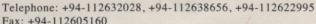
Captain (G) BMKK Basnayake RWP RSP & Bar USP psc Registrar



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## General Sir John Kotelawala Defence University

Ratmalana 10390, Sri Lanka



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05th April 2019

#### TO WHOM IT MAY CONCERN:

#### TM BASNAYAKA (SVC.NO. 4173) DETAILED DEGREE CERTIFICATE

This is to certify that TM Basnayaka successfully completed the Bachelor of Science in Engineering (Hons) in Electrical & Electronic Engineering Degree in 2017 in this University (a member of the Association of Commonwealth Universities, United Kingdom and the International Association of Universities).

The medium of instruction of the degree programme is English. The detailed performance of the candidate in the above degree programme is given below.

6.11		BSc -SEMESTER 1 - 2013			
Subject	Grade	Subject	Grade	Subject	Grade
Applied Mechanics (Statics)	B-	Engineering Drawing	C	Structural Mechanics I	A
Engineering Mathematics I	C	English : Basic Study Skills	B+	Workshop Technology	C+
Electronic Engineering	B-	Fluid Mechanics I	C	Military Studies	B+
Electrical Engineering	C	Introduction to Information	C		
Engineering Design & Skill Development	B-	Technology			
		BSc -SEMESTER 2 - 2013			
Subject	Grade	Subject	Grade	Subject	Grade
Theory of Electricity	B+	Electrical Measurements	B-	Electrical Properties of Materials	С
Computer Aided Drafting	B+	Object Oriented Programming	A-	English : Advanced Study Skills	A-
Fundamentals of Thermodynamics II	B-	Introduction to Telecommunication	В	Military Studies	A-
Engineering Mathematics II	B-				
		BSc -SEMESTER 3 - 2014			
Subject	Grade	Subject	Grade	Subject	Grade
Electrical Machines & Drives I	С	Signals & Systems I	C+	Energy Studies & Environment	B-
Electronic Systems 1	B+	Introduction to Management	C+	English: Writing & Speaking Skills	C+
Control System Engineering	В	Electromagnetic Field Theory	A+	Strategic & Defence Studies	C
Engineering Mathematics III	В	Power Systems I	B-	Military Studies	A-
		BSc -SEMESTER 4 - 2014		Mintary Studies	A-
Subject	Grade	Subject	Grade	Subject	Grade
Image Processing	B+	Engineering Mathematics IV	C+	Power Systems II	A-
Human Resource Management &	Α-	Electronic Instrumentation	C	Computer Interfacing &	
Industrial Relations	Α-	Electronic Systems II		Microprocessors	A-
Communication Theory			C+		
Applied Statistics	C- C+	Digital Systems & Designs Electrical Machines & Drives II	C	English : Research Writing Skills	В
Applied statistics	C+	BSc -SEMESTER 5 - 2015	A	Military Studies	A
Subject	Grade	Subject Subject	Cuada	Cubina	C- 1-
			Grade	Subject	Grade
Power Systems Protection	B+	High Voltage Engineering I	B+	Micro Controllers & Embedded Systems	A
Advanced Control System &	B+	Commercial & Industrial Law	С	Professional Ethics	A-
Instrumentation		Communication Networks	B+	Antennas & Propagation	A-
Nano Electronics	B+	Electrical Installations I	B-	Research Mini Project	A+
the state of the s		BSc -SEMESTER 6 - 2015			
Subject	Grade				
Industrial Training	A				-
Subject	Cuada	BSc -SEMESTER 7 - 2016	Cont	6.11	0.1
Subject Computer & Network Security	Grade	Subject	Grade	Subject	Grade
	A	Photonics & Laser Engineering	В	Tamil : Basics for Beginners	A-
Robotics Technology	A-	Research Methodology & Data Analysis	B+	Industrial Visits & Report Writing	A+
Electrical Installations II	В	Renewable Energy System	B-		
Power Electronics & Application I	A	Business Economics & Financial Accounting	С		1
		BSc -SEMESTER 8 - 2016			
Subject	Grade	Subject	Grade	Subject	Grade
Channel Coding	A+	Information Security & Cryptography	В	History and Development of Eng.	A
High Voltage Engineering II	Α-	Next Generation Cellular Networks	B-	Photography	A-
Nuclear Energy safety & Applications	В	Industrial Automation	B+	Final Year Research Project	A
		BSc -SEMESTER 9- 2017			
Subject	Grade				
Advanced Military Training	B+				

Key to Grading			GPV
85% - 100%	=	Λ+	4.2
75% -84%		A	4.0
70% - 74%		1-	3.7
05% - 09%	=	B+	3.3
60% -64%		p.	3.0
55% - 59%		n-	2.7
50% - 54%		C+	2.3
45% - 49%		C	2.0
40% - 44%		C-	1.7
35% - 39%		D+	1.3

Result	Final GPA
1" Class	3.70 - 4.20
2 <sup>nd</sup> Upper	3.30 - 3.69
2 <sup>nd</sup> Lower	3.00 - 3.29
Pass	2.00 - 2.99

Final Grade Point Average Final Award/Standard Reached Effective Date of the Degree

Second Class (Lower Division) 22<sup>nd</sup> November 2017

Checked by: .

PLLCP ALWIS

DEPUTY REGISTRAR/EXAMINATIONS FOR REGISTRAR

**PLLCP Alwis** 

Deputy Registrar (Examinations) noral Sa John Kotele water Defence Unit era to Konnaiana, Sr Laika







