



SRI LANKA
INSTITUTE OF INFORMATION TECHNOLOGY

This is to certify that

Charith Thiwanka Kumarasu

*having successfully completed
the prescribed course of study and the examinations
of the Sri Lanka Institute of Information Technology
on the 1st day of November 2019*

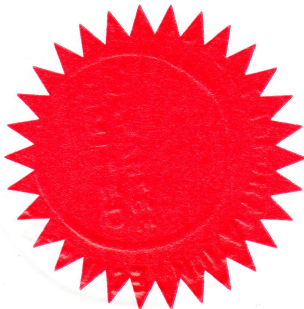
*was admitted to
the Honours Degree of*

***Bachelor of Science of Engineering in
Electrical and Electronic Engineering***

at the Convocation held in Colombo

witness our hands

February 2020



Registration No: EN16520004

Certificate No: BEE 0289

Vice-Chancellor
Professor Lalith Gamage

Dean, Faculty of Engineering
Professor Saman Thilakasiri

Director, Academic Affairs
Yashas Mallawarachchi





ACADEMIC TRANSCRIPT

NAME OF CANDIDATE Charith Thiwanka Kumasaru
PROGRAMME Bachelor of Science of Engineering Honours in Electrical & Electronic Engineering
FIELD OF SPECIALIZATION Electrical & Electronic Engineering
MEDIUM OF INSTRUCTION English
REGISTRATION NO EN16520004
MONTH & YEAR OF ADMISSION October , 2015

YEAR 1

Code	Module Title	Semester	Period	Credits	Grade
CE101	Engineering Mechanics	1	Jun - 2016	4	C+
CE191	Introduction to Sustainable Engineering	1	Jun - 2016	2	B
EC102	Electrical Systems	1	Jun - 2016	3	C
EL120	English Language Skills - I	1	May - 2016	2	B
MA130	Engineering Mathematics I	1	Jun - 2016	3	C+
ME101	Engineering Design and Processes	1	Jun - 2016	4	C
MA1312	Engineering Mathematics II	2	Oct - 2019	3	C
MT1010	Engineering Materials	2	Nov - 2017	4	C
EC144	Engineering Programming	2	Oct - 2016	3	B-
EL121	English Language Skills - II	2	Oct - 2016	2	C
ME103	Engineering Skills Development	2	Oct - 2016	3	C+
ME104	Engineering Principles and Communication	2	Nov - 2016	4	A-

Year 1 Credits=37.00

Year 1 Grade Points=89.90

Year 1 GPA=2.43

STATUS :Completed YEAR 1

YEAR 2

Code	Module Title	Semester	Period	Credits	Grade
EC209	Foundations of Digital Design	1	May - 2018	3	C
CE272	Fluid Mechanics and Thermodynamics	1	Jun - 2018	4	C
EC213	Microcomputers	1	Jun - 2017	3	A-
EC220	Electrical Circuits	1	Jun - 2019	3	C
EC249	Object Oriented Programming	1	Jun - 2017	3	B-
MA230	Engineering Mathematics III	1	Jun - 2018	3	C+
EC212	Electronic Fundamentals	2	Oct - 2018	3	C
EC221	Electromagnetic and Electromechanical Energy Conversion	2	Oct - 2018	3	C
EC211	Signals and Systems	2	Oct - 2019	3	B
EC240	Computer Networks	2	Oct - 2018	3	C+
EC2482	Introduction to Controls & Robotics	2	Oct - 2017	3	A-
EC2730	Data Structures and Algorithms – 3	2	Oct - 2017	3	C
EC2921*	Industrial Training I	2	Oct - 2017	3	C+
IT285*	Photography	2	Oct - 2017	2	C+

Year 2 Credits=37.00

Year 2 Grade Points=91.10

Year 2 GPA=2.46

*EC2921 & IT285 Non GPA Modules

STATUS :Completed YEAR 2



SRI LANKA INSTITUTE OF INFORMATION TECHNOLOGY

Name of Candidate : Charith Thiwanka Kumasaru

Registration No:EN16520004

YEAR 3

Code	Module Title	Semester	Period	Credits	Grade
EC350	Control Systems	1	Jun - 2019	3	C
EC3061	Design Project - I	1	Jun - 2018	3	B
EC3211	Power Systems Analysis	1	Jun - 2018	3	B-
EC3461	Embedded Systems Engineering I	1	Jun - 2018	3	B
EC3611	Communication Engineering I	1	Jun - 2018	3	B+
EC3701	Real Time Operating Systems	1	Jun - 2018	3	B-
EC3030	Power Electronics	2	Oct - 2019	3	C
EC3071	Design Project - II	2	Oct - 2018	3	B
EC3191	Electrical Machines and Stability	2	Oct - 2018	3	A
EC3241	Power Systems Protection	2	Oct - 2018	3	C
EC3521	Data Communication And Networking	2	Oct - 2018	3	B+
EC3901*	Industrial Training II	2	Oct - 2018	3	C
IT2860*	Drama and Theatre	2	Oct - 2018	2	B-
ME3081	Engineering Management	2	Oct - 2018	3	B+

Year 3 Credits=36.00

Year 3 Grade Points=102.90

Year 3 GPA=2.86

*EC3901 & IT2860 Non GPA Modules

STATUS :Completed YEAR 3

YEAR 4

Code	Module Title	Semester	Period	Credits	Grade
EC4012	Power Electronics & Drives 1	1	Jun - 2019	3	B
EC4252	Renewable Energy Systems	1	Jun - 2019	3	B-
EC4421	Network Design and Performance Evaluation	1	Jun - 2019	3	B
EC4901	Legal Framework and Sustainability in Electrical Engineering	1	Jun - 2019	2	A-
EC4040	Electronic Engineering Project	2	Oct - 2019	8	A
EC4212	Electrical Power Transmission and Distribution	2	Oct - 2019	3	A-
EC4502	Instrumentation And Control	2	Oct - 2019	3	B-
EC4511	Industrial Automation and Process Control	2	Oct - 2019	3	B+
EC4522	Network Management and Security	2	Oct - 2019	3	B+

Year 4 Credits=31.00

Year 4 Grade Points=104.50

Year 4 GPA=3.37

STATUS :Completed YEAR 4

GPA SUMMARY

WGPA YEARLY WEIGHTS

(Year 2-20% Year3-30% Year4-50%)

Weighted GPA =3.04

TOTAL CREDITS 151.00

STATUS: COMPLETED PRESCRIBED REQUIREMENTS FOR THE AWARD OF THE BACHELOR OF SCIENCE OF ENGINEERING HONOURS DEGREE IN ELECTRICAL AND ELECTRONIC ENGINEERING WITH THE SECOND CLASS HONOURS LOWER DIVISION, ON THE 1ST OF NOVEMBER 2019.

Date of Issue: 24/06/2020

Prepared by: [Signature]

Checked by: [Signature]

Certified by: [Signature]

[Signature]
Senior Manager Academic Affairs (Registry)

Dunisha Rathugama
Senior Manager Academic Affairs (Registry & Examinations)
Charity, P.O. Box 5000 (Aurora), NDA (Edinburgh)
Sri Lanka Institute of Information Technology

~End of Transcript~



Changes to information in this document are totally prohibited and candidates are held responsible for any such changes or additions.

Grading Scheme

Grade	Grade Points	Marks Range
A+	4.00	90 - 100
A	4.00	80 - 89
A-	3.70	75 - 79
B+	3.30	70 - 74
B	3.00	65 - 69
B-	2.70	60 - 64
C+	2.30	55 - 59
C	2.00	45 - 54
C-	1.70	40 - 44
D+	1.30	35 - 39
D	1.00	30 - 34
E	0.00	0 - 29
IC	Incomplete	
PC	Conceded Pass	

Note: Grades C to A+ & PC - Pass
Grades E to C- - Fail

Weighted Grade Point Average (WGPA)

The class of degree to be awarded shall be determined on the basis of a Weighted Grade Point Average. Year 2, Year 3 and Year 4 GPA's are assigned with 20%, 30% and 50% weights respectively for Weighted GPA computation.

SLIIT Qualification Framework -Faculty of Engineering

Level of Completion	Qualification	Minimum Credit Required
Year 2	Diploma	60 Credits
Year 4	BSc Engineering Honours	120 Credits

Class Awards

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

Medium of Instruction

The medium of instruction in all degree and diploma programmes offered by SLIIT is English.