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පේරාදෙණිය විශ්වවිදහාලය, ශුී ලංකාව பேராதனைப் பல்கலைக்கழகம், இலங்கை UNIVERSITY OF PERADENIYA, SRI LANKA

Faculty of Engineering ACADEMIC TRANSCRIPT (INTERIM)

Name with Initials: H.S.C. Silva	Study Programme: Engineering Honours Degree Programme				
Full Name : Hettiyadurage Sathira Chamika Silva	Field of Specialization: Computer Engineering				
	Programme Duration: 4 years (Full-time)				
	Accreditation Status: Accredited by Washington Accord				
Student Registration Number: E/17/331	Sri Lanka Qualifications Framework Level: 7				
NIC Number/ PP Number: 972801380V	Medium of Instruction: English				

Degree Awarded: Bachelor of the Science of Engineering Honours (BScEngHons)

Cumulative GPA (Out of 4.00): 3.60 Achievement Status based on GPA: Second Class Upper

Effective Date of the Degree : 15/12/2023

Course Code	Course Name	rse Name Credits Grade Course Code				Credits	Grade	
A. (Compulsory Courses							
I. Se	emesters I & II	,						
GP101	English I	3	A+	GP106	Computing	3	A+	
GP109	Material Science	3	A	GP111	Elementary Thermodynamics	3	В-	
GP110	Engineering Mechanic	3	C+	GP113	Fundamentals of Manufacture	3	В	
GP112	Engineering Measurements	3	A	GP116	Linear Algebra	3	A+	
GP114	Engineering Drawing	3	C+	GP118	Basic Electrical & Electronic Engineering	3	B+	
GP110	Calculus I	3	A+	GP102	English II	3	PASS	
II. S	Semesters III to VIII							
CO221	Logic Networks	3	В	CO321	Embedded Systems	3	A+	
CO222	Programming Methodology	3	A+	CO322	Data Structures & Algorithms	3	A	
CO223	Computer Communication Networks I	3	A-	CO323	Computer Communication Networks II	3	B+	
EE282	Network Analysis for Computer Engineering	3	A	CO324	Network & Web Application Design	3	A-	
EM211	Ordinary Differential Equations	2	A+	CO325	Computer & Network Security	3	В-	
EM213	Probability & Statistics	2	A	EE386	Electronic Devices & Circuits II	3	В	
EM214	Discrete Mathematics	3	A	CO227	Computer Engineering Project	2	A+	
CO224	Computer Architecture	3	A	CO326	Computer Systems Engineering	3	B+	
CO225	Software Construction	3	A	CO327	Operating Systems	3	A	
CO226	Database Systems	3	A-	CO328	Software Engineering	3	В	
EE285	Electronics I	3	В	EE387	Signal Processing	4	C+	
EM212	Calculus	2	A+	CO421	Final Year Project I	3	A+	
EM215	Numerical Methods	3	В	CO425	Final Year Project II	3	A+	

Course Code	Course Name	Credits	Grade	Course Code	Course Name	Credits	Grade					
B. Elective Courses (Semesters III to VIII)												
I. Technical Elective Courses												
CO543	Image Processing	3	A-									
CO541	Artificial Intelligence	3	A	EM524	Design and Analysis of Experiments	3	B+					
CO521	Compilers	3	A	EM527	Operations Research	3	A					
II. General Elective Courses												
EF501	The Engineer in Society	2	C-	CO422	Professional Practices	2	В					
EF509	Engineer as an Entrepreneur	3	С	CO423	Software Project Management	2	A+					
EF524	Business Law	3	В	CO424	Information Systems Management	2	A-					
EF528	Introduction to Digital Art	3	С									
C. A	additional courses completed but	not claimed	for the tota	l credit requ	irement of the degree							
Remarks	:											
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Ohn

Head

Prof. Roshan G. Ragel
Head of Department
Department of Computer Engineering
Department of Computer Engineering
Department of Peradeniya
Peradeniya

Faculty of Engineering

17 March 2024
Date of Issue:

(Signature and official stamp)

(Please interpret this academic transcript with the annexed information)



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<u>Information to Interpret an Academic Transcript of the Faculty of Engineering</u> University of Peradeniya

Reference Table for GPV:

Minimum CGPA for Awards:

Gra	de	Е	D	D+	C-	С	C+	В-	В	<i>B</i> +	A-	A	<i>A</i> +	First Class	Second Class - Upper Division	Second Class - Lower Division	Pass with Merit	Pass
GP	V	0	1.0	1.3	1.7	2.0	2.3	2.7	3.0	3.3	3.7	4.0	4.0	3.70	3.30	3.00	2.70	2.00

- The minimum credit requirement for the BScEngHons degree programme of the Faculty of Engineering, University of Peradeniya is 150 credits.
- The minimum required grade to earn credit in any course is a C.

However, there is a provision for the candidate to claim credits from a few courses with grades below C but equal to or above D, under the criteria given in the rules and regulations.

• CGPA formula: $CGPA = \frac{\sum g_i C_i}{\sum C_i}$

where, g_i is the GPV obtained for the course and C_i is the credits allotted to the corresponding course.

- Courses in Semesters I and II, Industrial Training Course and the courses listed under Sections B(II) and C are not considered for the CGPA computation.
- 1 credit is 50 notional hours of learning except for research and industrial training where it is 100 notional hours.

Abbreviations:

Cumulative GPA	GPV	Grade point value
Continuing the program successfully	INC	Incomplete
Cumulative GPA pending	NIC	National identity card
Exemptions allowed	PP	Passport
Extended time granted	SC	Shared credit
Grade point average	SUS	Suspended
	Continuing the program successfully Cumulative GPA pending Exemptions allowed Extended time granted	Continuing the program successfully INC Cumulative GPA pending NIC Exemptions allowed PP Extended time granted SC